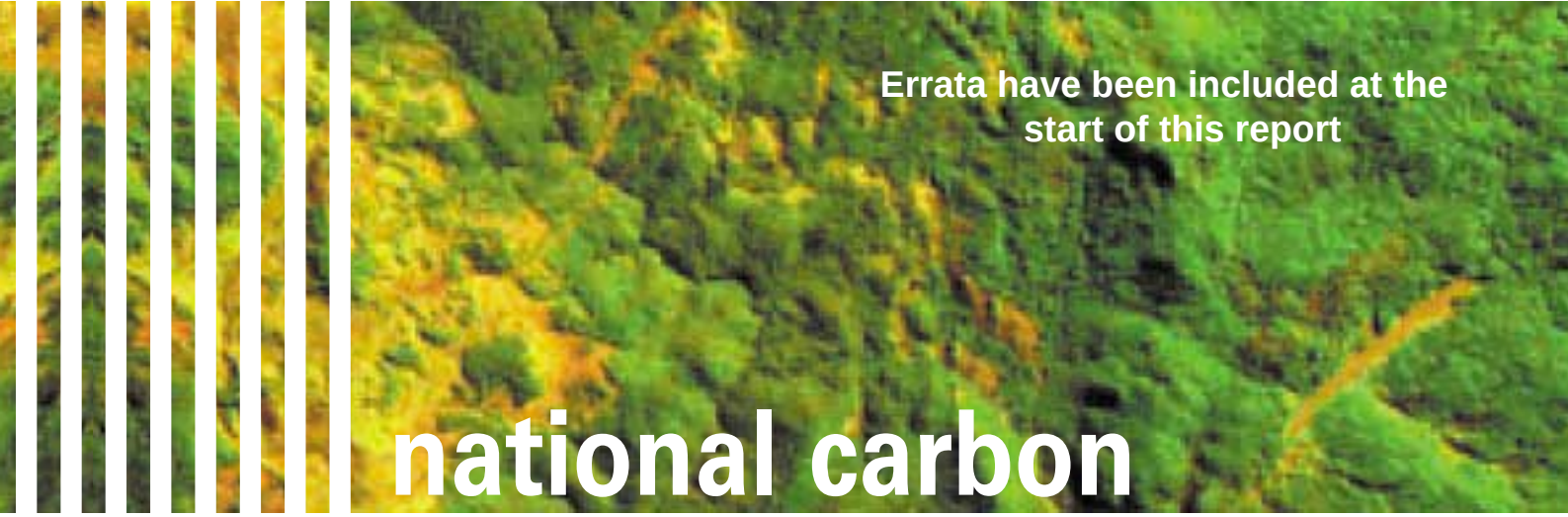

Errata have been included at the start of this report

national carbon accounting system

technical report no. 18

Woody Density Phase 1 - State of Knowledge

Jugo Ilic

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AUSTRALIAN Greenhouse Office

The lead Commonwealth agency on greenhouse matters

The National Carbon Accounting System:

- Supports Australia's position in the international development of policy and guidelines on sinks activity and greenhouse gas emissions mitigation from land based systems.

- Reduces the scientific uncertainties that surround estimates of land based greenhouse gas emissions and sequestration in the Australian context.

- Provides monitoring capabilities for existing land based emissions and sinks, and scenario development and modelling capabilities that support greenhouse gas mitigation and the sinks development agenda through to 2012 and beyond.

- Provides the scientific and technical basis for international negotiations and promotes Australia's national interests in international fora.

http://www.greenhouse.gov.au/ncas

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WOOD DENSITY PHASE 1

State of Knowledge

ERRATA

Please note the following table of corrections to this report. Two main errors are corrected here. The first is that the data reference code numbers are presented with the references. The second is that a table of air dry density data from one source reference was incorrectly shown in the basic density column. A small number of spelling corrections to species names are also made.

Page	Line	Correction (Delete = delete this line) (Replace = replace existing line with the following)	Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) before reconditioning (g/cm3)	95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) after reconditioning (g/cm3)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	NSW	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref. within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
14	6	Replace	*Acacia acuminata*			L	8		Jam				890		2	1171																1	Goldfields				
14	14	Replace	*Acacia aneura*			M	8		Mulga				880		10	1157																1	Goongarrie				
14	15	Replace	*Acacia aneura*			L	8		Mulga				910		1	1213																1	Leonora				
16	27	Replace	*Acacia craspedocarpa*			L	8		Mulga, Hop				790		6	1030																1	Adelong				
18	35	Replace	*Acacia grasbyi*			L	8		Miniritchie				900		9	1199																1	Payne's Find				
20	20	Replace	*Acacia jennerae*			M	8						680		13	862																1	Davyhurst				
20	27	Replace	*Acacia lasiocalyx*			L	8		Wattle, Silver				630		4	795																1	Victoria Rocks area				
22	26	Replace	*Acacia murrayana*			M	8		Wattle, Sandplain				490		10	603																1	Goongarrie				
22	35	Replace	*Acacia oswaldii*			L	8		Miljee				860		4	1133																1	Goongarrie				
24	5	Replace	*Acacia papyrocarpa*			M	8		Myall, Western				790		25	1030																1	Adelong				
24	6	Replace	*Acacia papyrocarpa*			L	8		Myall, Western				850		5	1122																1	Bronzewing				
24	23	Replace	*Acacia pruinocarpa*			M	8		Gidgee				800		17	1042																1	Mt Keith				
24	27	Delete	*Acacia quadramarginea*			L	8		Wattle, Granite	5	1071																					1	Goongarrie				
24	28	Replace	*Acacia quadrimarginea*			L	8		Wattle, Granite				820		5	1071																1	Goongarrie				
24	29	Replace	*Acacia ramulosa*			L	8		Mulga, Horse				880		6	1169																1	Goongarrie				
24	30	Replace	*Acacia resinimarginea*			L	8		Man Wodjil, Old				880		4	1157																1	Nepean				
26	25	Replace	*Acacia subtesserogona*			L	8		Gidgee, Spreading				950		4	1274																1	Gascoyne Junction				
26	30	Replace	*Acacia tetragonophylla*			L	8		Curara				880		6	1164																1	Kalgoorlie area				
28	6	Replace	*Acacia victoriae*			L	8		Acacia, Prickly				640		7	804																1	Burnabinmah				
28	7	Replace	*Acacia xiphophylla*			L	8		Snakewood				980		5	1321																1	Canarvon				
32	32	Replace	*Allocasuarina acutivalvis*			L	8						730		2	941																1	Victoria Rocks area				
32	34	Replace	*Allocasuarina corniculata*			L	8		Tamma				750		2	970																1	Victoria Rocks area				
32	35	Replace	*Allocasuarina decaisneana*			L	8		Oak, Desert				910		7	1211																1	Warburton				
34	1	Replace	*Allocasuarina dielsiana*			L	8		Sheoak, Northern				800		4	1045																1	Mt Elvire				
34	5	Replace	*Allocasuarina huegeliana*			M	8		Sheoak, Rock				700		25	885																1	Boorabbin				
42	11	Replace	*Banksia elderiana*			L	8		Banksia, Swordfish				700		7	887																1	Johnson Lakes				
46	5	Delete	*Brachychiton gregord*			L	8		Kurrajong	5	1071																				1	Kambalda				
46	6	Replace	*Brachychiton gregorii*			L	8		Kurrajong				560		3	698																1	Kambalda				
48	9	Replace	*Bursaria occidentalis*			M	8		Box, Bursaria/Native				560		14	688																1	Goongarrie				
48	22	Replace	*Callistemon phoenicius*			L	8		Bottlebrush, Lesser				760		5	983																1	Canegrass				
50	12	Replace	*Callitris glaucophylla*			L	8		Pine, Cypress, White				690		8	874																1	Carmelia				
50	18	Replace	*Callitris preissii*	var. verrucosa		M	8		Pine, Cypress, Goldfield's				630		22	792																1	Officer Basin				
52	9	Replace	*Canthium latifolium*			L	8		Currant, Native				660		7	839																1	Yakabindie				

Page	Line	Correction (Delete = delete this line) (Replace = replace existing line with the following)	Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) before reconditioning (g/cm3)	95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) after reconditioning (g/cm3)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	NSW	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref. within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
52	10	Replace	*Canthium lineare*			L	8		Currant, Native, Narrow-Leaved				720		3	925																1	Yakabindie				
54	28	Replace	*Casuarina pauper*			L	8		Oak/Belah, Black				760		7	979																1	Kalgoorlie area				
58	35	Replace	*Codonocarpus cotinifolius*			L	8		Poplar, Native				360		4	435																1	Davyhurst				
68	28	Replace	*Dryandra arborea*			L	8		Dryandra, Yilgam				730		7	939																1	Jaurdi				
68	35	Replace	*Duboisia hopwoodii*			L	8		Pituri				820		3	1074																1	Mt Elvire				
70	4	Delete	*Dubosia hopwoodii*			L	8		Pituri	3	1074																				1	Mt Elvire				
74	28	Replace	*Eremophila fraseri*			L	8		Turpentine				800		7	1036																1	Yakabindie				
74	29	Replace	*Eremophila interstans*			L	8		Broombush				730		8	941																1	Victoria Rocks				
74	31	Replace	*Eremophila longifolia*			M	8		Berrigan				650		18	817																1	Adelong				
74	32	Replace	*Eremophila miniata*			L	8		Bush, Poverty, Kopi				560		6	694																1	Black Flag Lake				
74	35	Replace	*Eremophila oldfieldii*			L	8		Bush, Pixie				700		3	894																1	Broadarrow				
76	33	Replace	*Eucalyptus annulata*			M	8		Mallee, Open-fruited				750		25	959																1	30 km N Norseman				
80	1	Replace	*Eucalyptus brockwayi*			L	8		Mahogany, Dundas				860		2	1127																1	Norseman				
80	7	Replace	*Eucalyptus calycogona*			M	8		Mallee, Square-fruited				830		12	1079																1	Victoria Rocks area				
80	11	Replace	*Eucalyptus camaldulensis*			L	8		Red Gum, River				690		4	879																1	Sullivan's Creek				
80	15	Replace	*Eucalyptus carnei*			L	8		Blackbutt, Carne's				850		3	1112																1	40 km S Leinster				
80	21	Replace	*Eucalyptus campaspe*			L	8		Gimlet, Silver				830		2	1082																1	Coolgardie				
80	22	Replace	*Eucalyptus capillosa*			L	8		Wandoo, Inland				850		7	1118																1	Jaurdi				
80	27	Replace	*Eucalyptus celastroides*			L	8		And Rattle, Snap				860		2	1127																1	Kalgoorlie area				
80	29	Replace	*Eucalyptus ceratocorys*			L	8		Mallee, Ridge-fruited, Goldfields				860		2	1126																1	Officer Basin				
80	30	Replace	*Eucalyptus chippendalei*			M	8		Bloodwood, Sand-dune				760		12	983																1	Carnarvon Range				
82	4	Replace	*Eucalyptus clelandii*			M	8		Blackbutt, Cleland's				850		25	1114																1	Bullabulling				
82	9	Replace	*Eucalyptus concinna*			L	8		Mallee, Desert, Victoria				820		9	1065																1	Goongarrie				
82	19	Replace	*Eucalyptus corrugata*			L	8		Mallee, Rib-fruited				870		3	1146																1	Koolyanobbing				
82	24	Replace	*Eucalyptus cylindrocarpa*			M	8		Mallee, Woodline				850		13	1108																1	Boorabbin				
84	7	Replace	*Eucalyptus diptera*			L	8		Gimlet, Two-winged				780		5	1016																1	Kalg Arboretum				
84	18	Replace	*Eucalyptus dundasii*			L	8		Blackbutt, Dundas				840		2	1098																1	Norseman				
84	21	Replace	*Eucalyptus ebbanoensis*			L	8		Mallee, Sandplain				800		2	1044																1	Goongarrie				
84	25	Replace	*Eucalyptus eremicola*			L	8						790		2	1022																1	Leinster				
84	26	Replace	*Eucalyptus eremophila*	E. tenera		L	8		Mallee, Sand				820		2	1067																1	Victoria Rocks area				
84	27	Delete	*Eucalyptus eremophilaltenera*			L	8		Mallee, Sand	2	1067																				1	Victoria Rocks area				
84	30	Replace	*Eucalyptus erythronema*			L	8		Mallee, Red-flowered				800		2	1036																1	Carrahin				
86	1	Replace	*Eucalyptus ewartiana*			M	8		Mallee, Ewart's				810		10	1048																1	Johnson Rocks				

Page	Line	Correction (Delete = delete this line) (Replace = replace existing line with the following)	Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) before reconditioning (g/cm3)	95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) after reconditioning (g/cm3)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	NSW	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref. within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
86	13	Replace	*Eucalyptus flavida*			L	8		Mallee, Yellow-flowered				810		5	1059																1	Broardarrow				
86	14	Replace	*Eucalyptus flocktoniae*			L	8		Merrit				820		3	1074																1	Victoria Rocks area				
86	16	Replace	*Eucalyptus formanii*			M	8						850		25	1115																1	Mt Elvire				
86	33	Replace	*Eucalyptus gongylocarpa*			L	8		Gum, Marble				800		3	1034																1	De La Poer Range				
88	1	Replace	*Eucalyptus gracilis*			L	8		Yorrell				820		3	1067																1	Kalgoorlie area				
90	1	Replace	*Eucalyptus lenziana*			M	8		Bloodwood, Narrow-leaved				800		25	1032																1	Carnarvon Range				
90	4	Replace	*Eucalyptus leptopoda*			L	8		Mallee, Tammin				820		9	1069																1	Comet Vale				
88	7	Replace	*Eucalyptus griffithsii*			L	8		Gum, Grey, Griffith's				890		9	1177																1	Kalgoorlie area				
90	7	Replace	*Eucalyptus lesouefii*			M	8		Blackbutt, Goldfields				870		23	1142																1	Kalgoorlie area				
90	15	Replace	*Eucalyptus livida*			L	8		Wandoo, Mallee				850		2	1111																1	Victoria Rocks area				
90	20	Replace	*Eucalyptus longicornis*			M	8		Morrel, Red				850		25	1116																1	Jaurdi				
88	23	Replace	*Eucalyptus intertexta*			L	8		Coolibah, Gum-barked				900		7	1198																1	60 km S Tjirrkarii				
90	24	Replace	*Eucalyptus loxophleba*	var. lissophloia		L	8		Gum, York, Mallee				860		2	1131																1	Canegrass				
90	25	Replace	*Eucalyptus lucasii*			L	8		Box, Barlee				840		3	1103																1	Leinster				
88	26	Replace	*Eucalyptus kingsmillii*			L	8		Mallee, Kingsmill's				790		8	1027																1	Mt Keith				
88	33	Replace	*Eucalyptus lata*			L	8		Mallee, Round-leaved				860		4	1132																1	Hospital Rocks				
92	8	Replace	*Eucalyptus melanoxylon*			M	8		Morrel, Black				880		10	1165																1	Yellowdine				
94	25	Replace	*Eucalyptus oldfieldii*			L	8		Mallee, Oldfield's				750		3	959																1	Leinster				
94	26	Replace	*Eucalyptus oleosa*			L	8		Mallee, Giant				920		4	1230																1	Kalgoorlie area				
96	1	Replace	*Eucalyptus pachyphylla*			L	8		Mallee, Red-bud				820		5	1074																1	Tjirrkarli area				
96	11	Replace	*Eucalyptus petraea*			L	8		Box, Rock, Granite				880		4	1169																1	Cardunia Rocks				
96	34	Replace	*Eucalyptus platycorys*			L	8		Mallee, Boorabbin				940		8	1262																1	Officer Basin				
98	33	Replace	*Eucalyptus ravida*			L	8		Gin-Flet, Silver-topped				840		3	1102																1	Kalgoorlie area				
100	7	Replace	*Eucalyptus rigidula*			L	8		Mallee, Stiff-leaved				860		4	1124																1	Officer Basin				
100	22	Replace	*Eucalyptus salicola*			M	8		Gum, Salt				830		25	1079																1	Johnson Lakes				
100	29	Replace	*Eucalyptus salmonophloia*			M	8		Gum, Salmon				800		25	1042																1	Kalgoorlie area				
100	32	Replace	*Eucalyptus salubris*			M	8		Gimlet				800		25	1045																1	Kalgoorlie area				
102	2	Replace	*Eucalyptus sheathiana*			M	8		Barked Gum, Ribboned				820		25	1074																1	Jaurdi				
102	27	Replace	*Eucalyptus striaticalyx*			M	8		Mallee, Kopi				840		20	1096																1	Mt Elvire				
102	28	Replace	*Eucalyptus stricklandii*			L	8		Gum, Strickland's				820		9	1069																1	Widgemooltha				
104	4	Replace	*Eucalyptus tenuis*			L	8						870		2	1148																1	Victoria Rock				
104	9	Replace	*Eucalyptus terminalis*			L	8		Bloodwood, Desert				890		8	1177																1	Carnarvon Range				
104	21	Delete	*Eucalyptus torguata*			M	8		Gum, Coral	20	1089																					1	Coolgardie				

Page	Line	Correction (Delete = delete this line) (Replace = replace existing line with the following)	Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) before reconditioning (g/cm3)	95% Probability Range for Mean	Number of trees tested	Air-dry density (12% MC) after reconditioning (g/cm3)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	NSW	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref. within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
104	22	Replace	*Eucalyptus torquata*			M	8		Gum, Coral				830		20	1089																1	Coolgardie				
104	28	Replace	*Eucalyptus transcontinentalis*			M	8		Redwood				850		25	1119																1	Kalgoorlie area				
106	11	Replace	*Eucalyptus websteriana*			L	8		Mallee, Webster's				890		3	1181																1	Kambalda				
106	16	Replace	*Eucalyptus woodwardii*			M	8		Gum, Lemon-flowered				880		13	1164																1	Coonana				
106	18	Replace	*Eucalyptus yilgarnensis*			L	8		Yorrell (west)				890		9	1172																1	Mt Jackson				
106	20	Replace	*Eucalyptus youngiana*			L	8		Yarldarlba				860		8	1133																1	Officer Basin				
110	29	Replace	*Exocarpos aphyllus*			L	8		Ballart, Leafless				770		4	988																1	Jaurdi				
118	29	Replace	*Grevillea eriostachya*			L	8		Grevillea, Flame				580		1	716																1	Boorabin				
118	34	Delete	*Grevillea iuncifolia*			M	8		Grevillea, Honey-suckle	14	744																				1	Mt Elvire				
120	1	Replace	*Grevillea juncifolia*			M	8		Grevillea, Honey-suckle				600		14	744																1	Mt Elvire				
120	3	Replace	*Grevillea nematophylla*			M	8		Tree, Water				610		25	769																1	Jaurdi				
120	20	Replace	*Grevillea striata*			L	8		Beefwood				720		6	926																1	Wiluna				
120	33	Replace	*Gyrostemon ramulosus*			L	8		Corkybark				380		6	460																1	Comet Vale				
122	12	Replace	*Hakea francisiana*			L	8		Tree, Emu				630		4	788																1	Comet Vale				
122	26	Replace	*Hakea preissii*			L	8		Bush, Needle				820		9	1062																1	Mt Elvire				
122	32	Replace	*Hakea suberea*			L	8		Corkwood				680		5	868																1	Adelong				
124	29	Replace	*Heterodendrum oleifolium*			L	8		Bush, Bulloch				830		4	1091																1	Kalgoorlie area				
126	32	Replace	*Kunzea pulchella*			L	8		Kunzea, Granite				800		4	1033																1	Jaurdi				
128	4	Delete	*Leplospermum petersonii*			L	5		Tea-Tree, Lemon-scented																					1							
128	15	Replace	*Leptospermum petersonii*			L	5		Tea-Tree, Lemon-scented																					1							
134	20	Replace	*Melaleuca pauperiflora*			L	8		Boree				830		3	1088																1	Kambalda				
134	30	Replace	*Melaleuca uncinata*			L	8		Myrtle, Honey, Broom				760		5	982																1	Coolgardie				
138	4	Replace	*Myoporum platycarpum*			L	8		Tree, Sugar				790		3	1023																1	Kitchener				
146	4	Replace	*Pittosporum phylliraeoides*	var microcarpa		L	8		Willow, Native				650		6	817																1	Adelong				
152	34	Replace	*Santalum acuminatum*			L	8		Quandong				630		7	786																1	Kalgoorlie area				
154	1	Replace	*Santalum lanceolatum*			L	8		Plumbush				690		2	882																1	Leonora				
154	2	Replace	*Santalum murrayanum*			L	8		Quandong, Bitter				580		4	723																1	Coonana				
154	5	Replace	*Santalum spicatum*			L	8		Sandalwood				810		3	1053																1	Kalgoorlie area				
166	32	Delete	*X.vlomelum salicinum*			L	6		Penda, Brown				590			740.8																1					
166	35	Replace	*Xanthorrhoea thomtonii*			L	8		Tree, Grass, Desert				380		3	459																1	Great Victoria Desert				
168	15	Replace	*Xylomelum pyriforme*			L	5		Pear, Woody				580			720																1					
168	21	Insert	*Xylomelum salicinum*			L	6		Penda, Brown				590		4	741																1					

References

Data reference number

	Title	Author	Year	Organisation	Notes
1	Shrinkage and density of Australian and other South-west Pacific woods	Kingston R.S.T. and Risdon C.J.E.	1961	CSIRO	Division of Forest Products Technological Paper No 13.
2	Shrinkage and density of Australian and other South-east Pacific woods	Budgen B.	1981	CSIRO	Division of Building Research Technical Papers (Second Series) No. 38
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WOODY DENSITY PHASE 1 - STATE OF KNOWLEDGE

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Geoff Downes and Philip Blakemore

CSIRO Forestry and Forest Products

National Carbon Accounting System
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EXECUTIVE SUMMARY

1. OBJECTIVES

The Australian Greenhouse Office (AGO) contracted CSIRO Forestry and Forest Products (FFP) to examine the wood density of Australian tree species for use in the National Carbon Accounting System. This consultancy will be undertaken in two stages with this report incorporating the outputs from the first stage. The objectives of the first stage were:

- to list the available wood density information for Australian tree species;
- to provide an indication of species distribution and representation;
- to list the Australian tree species where density is not available; and
- to provide a methodology for evaluating wood density.

The second stage of the project will include the determination of wood densities of tree species where density information is lacking. Obviously this second stage of the project is reliant on the outcomes of the first stage, and the species to be sampled will be agreed with the AGO.

2. KEY OUTCOMES

The major outcomes of the first stage of the study are:

1. Basic density data have been provided for approximately 590 Australian tree species and these are presented in Appendix 1. The data was derived from 14 different published sources with varying levels of reliability in the values, ranging from low to high. Only published sources that quoted variation of wood density were denoted as highly reliable.
2. Descriptive and functional methodologies have been presented for the direct determination of wood density by gravimetric and maximum moisture methods, which can be used to obtain whole tree stem estimates of wood density. A methodology has also been presented for the indirect determination of wood density using pin penetration (pilodyn), which needs to be calibrated using direct determination of wood density. The indirect method provides less accuracy for individual trees, but does allow many estimates of wood density to be taken quickly, and it can be potentially useful for ranking trees into broad density classes within sites. Within these broad density classes the class means can be used for comparing site densities.
3. Species distribution maps for native hardwood species that are harvested commercially (10 species), and for major plantation species, are provided. This addresses the item "distribution and representation in the Australian landscape of key species" in the Terms of Reference for the consultancy.

No attempt was made to estimate average wood densities of whole trees or forest structural classes or regions of Australia. Where tree species quoted 95% probability ranges for their density, these data are taken to represent whole tree variation (Kingston and Risdon 1961).

Most States appear to have good statistics for the main commercial species harvested. Information available on the minor species being harvested is less well documented. The report does not include data on tree species removed through clearing on private land due to a lack of comprehensive information. This particularly applies to the large areas currently being cleared in Queensland.

3. RECOMMENDATIONS

The data gaps identified in this report should be addressed in the second stage of this project. The second stage of the project should proceed to:

- Categorise forest types by structure or geographic region;
- Identify 5-10 key species within each forest category; and
- Determine wood density for each of those key species, where the data is missing.

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1. INTRODUCTION

1.1 OVERALL TERMS OF REFERENCE.

The Australian Greenhouse Office (AGO) has contracted the CSIRO Division of Forestry and Forest Products to review the availability of wood density information for common Australian tree species.

The first stage of the consultancy requires a review of available information. This review report will contain:

- A list of tree species where wood densities are available;
- A list of tree species where wood densities are not available;
- The distribution and representation in the Australian landscape of key species. This has been interpreted to mean the production of species distribution maps for the key species being harvested (about 10 species); and
- Specific analytical methods by which any further derivation of wood densities should be determined.

The second stage (which should be separately costed) should contain a proposed fee structure for the determination of wood densities (on a per species/sample or equivalent basis). The species to be sampled will be agreed with the Office on completion of the first stage report. The final report for this second stage will contain the wood densities for each species sampled.

To complete the second stage of the work greater consideration will have to be given to determining average density values for particular forest "categories" (see Appendix 2; Methods and Conclusion). The task then is to list the 5-10 key species for each category and make sure that wood density values are available for each of those key species.

2. BASIC DENSITY AND WHY IT IS IMPORTANT

An estimate of the amount of carbon locked up in forested land including native forests and plantations is necessary for accounting of net carbon emissions within Australia. A major component of carbon storage is in the woody stem and an estimate of the total carbon can be gained from a knowledge of the wood basic density comprising the stem and the total volume it occupies.

Wood density is a complex physical property since the tissue is made up of differing proportions of cells of variable size and chemical composition. These variations depend on the species and its interactions with the environment. Generally density from mature trees is higher than that from young trees. Density varies in trees from pith to bark and from base to apex and it is affected by tree age. Similarly wood density of branches is likely to vary, but little information is available. To determine the total amount of carbon locked up in woody tissue, a knowledge of both the volume and the density of that tissue is required.

The majority of studies looking at density variation have been on commercial timbers, predominantly plantation species. Little or no data are available on patterns of variation in non-commercial species. The studies on plantation species have indicated the following important factors.

1. Wood density varies from base to apex. The pattern appears to differ between softwoods (radiata pine) and hardwoods (eucalypts). Density has a cylindrical symmetry in softwoods (see description in Downes *et al*. 1997) resulting in a reduction in density with height. In eucalypts the pattern appears to be more conical with the interaction between the radial and longitudinal variation allowing density to remain constant or increase with height. Usually based on studies with plantation species the general pattern appears to be a

gradual increase with height. Many very useful references to studies on density variation of eucalypts are given in Hillis and Brown (1984).

2. Wood density in trees appears to be controlled more by a combination of environmental factors than by its radial growth rate. Rainfall affects density variation. Application of fertiliser results in decreases in average wood density whereas the effects of thinning are variable (Hillis and Brown 1984).

3. Annual ring average density generally increases from pith to bark in all species (softwood and hardwood) with the rate and pattern of increase dependent upon species and growth pattern. Growth pattern reflects the proportions of the ring that is produced at different times of the year which controls the average density of the ring. In general, increasing growth rate will result in more wood production in spring. This wood tends to have a lower density, and therefore faster growth rate generally results in lower annual ring density. Rainfall appears to have a dominant effect.

It is clear that the method of sampling can affect the data obtained and its interpretation. For sampling to be most effective, there needs to be a clear understanding of why the samples are being taken, and how they are going to be analysed. The choice of methods for sampling and analysis of wood properties should consider the need to interpret the resultant data within the context of existing scientific literature (Downes *et al*. 1997).

2.1 DETERMINATION OF BASIC DENSITY

Basic density is expressed as the ratio of the weight of the oven dry sample to its green volume. The physical units used for the quantities are usually (kg) for the dry mass, and (m^3) for the wood volume.

The measurement of wood density has traditionally involved the collection of wood samples (e.g. disks or increment cores) and subsequent laboratory determinations of weights and volumes.

The water-immersion method and the maximum-saturation method are two direct methods for determining the basic density. Both methods require a specific specimen to be measured. The water-displacement method requires the evaluation of weights and volumes whereas the maximum moisture method only requires the evaluation of specimen weights, but the green sample must be initially fully water saturated. However, by necessity both direct methods are partially destructive in that a sample needs to be removed from a tree for evaluation.

In another approach, a pilodyn wood tester originally designed for assessing soft rot in wooden poles can be used to obtain an indirect measure of wood density. The instrument fires a blunt, spring-loaded steel pin into the wood with known energy. The depth of pin penetration is noted from a scale on the body of the instrument. Depth of pin penetration has been shown to be negatively correlated with wood basic density for several species of gymnosperms as well as angiosperms (Cown 1981; Moura *et al*. 1987; Ilic and Bennett 2000). Trials with the pilodyn have shown to be rapid and less liable to operator bias. The accuracy is less for individual trees. The best potential use of the instrument would be for ranking trees into broad density classes within sites, and then use class means for comparing site densities.

2.2 CALCULATION OF BASIC DENSITY WATER-IMMERSION

In the procedure outlined, basic density is calculated by the formula:

Basic Density = m_o/V ----------(1) (units kgm^{-3})

where m_o=oven dry weight; V=volume of fully swollen sample[1];

or

Basic Density = $1/((m-m_o)/m + 1/G_w)$ ----------(2) (units kgm^{-3}) (maximum moisture approach)

where m=weight of a completely saturated sample; G_w=Density of the cell wall which is 1530 (units kgm^{-3}).

2.2.1 Equipment and Procedure

The equipment required is simple, but must be maintained in good working order if accurate results are to be obtained.

- Increment corer.
- An electronic balance (accurate to at least 0.1g) is preferable for weighing the sections.
- A container holding enough water to fully submerge the sample.
- A fine needle point to hold the submerged wood samples at a minimal fixed depth.
- A well-ventilated oven with automatic temperature control is needed for drying the sections. The oven requires shelves of wire mesh or other open material to allow free internal circulation of air. Otherwise, the sections may not dry thoroughly. The temperature at any point inside the oven should neither exceed 105°C nor fall below 101°C; this degree of uniformity is generally achieved by using a double-shell construction or by the use of a circulating fan inside the oven. Below 100°C the sections may not be dried completely, and above 105°C they may char.

Figure 1: Example of a temperature controlled oven for drying sections

2.2.2 Procedure for water displacement determinations

1. Remove wood core from tree.
2. Scrape away all loose splinters and sawdust and place in a tight fitting container to prevent it from drying out.
3. In the laboratory, place the sample (full core) into water for at least half an hour to ensure adequate swelling.
4. Place the water container on the pan of the electronic scales and re-zero (stand and needle not included).
5. Remove the sample from the water, wipe with a damp cloth, and then completely submerge in the container on the electronic scales, without touching the container, as shown in the diagram below.

[1] The fully swollen sample does not need to be fully saturated

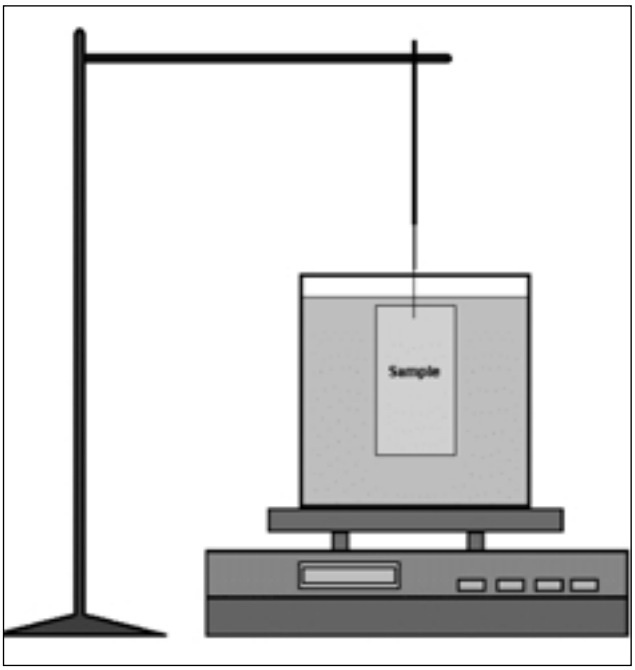

Figure 2: Diagram of water displacement method for measuring volume.

6. As the density of water under normal laboratory conditions is equal to 1000 kg/m^3, the measured weight of the displaced water is equal to the volume of the sample.
7. Note: for scale readings in grams, the volume can be read directly from the scales in cm^3.
8. Place the specimen in an oven for drying.
9. Be sure to maintain the oven temperature within the limits 101-105°C.
10. Do not overcrowd the oven, but leave spaces between the sections.
11. Do not add fresh sections to the oven if it contains sections almost ready for final weighing.
12. After 24 hours, remove the section from the oven, reweigh it, and record the weight.
13. Sections must be weighed immediately after removal from the oven, as they reabsorb moisture from the air very quickly.
14. Replace the section in the oven and reweigh at intervals of 4 hours, until there is no further loss in weight. This weight is m_o in equation 1 and 2.
15. Calculate basic density using equation 1.

2.3 MAXIMUM SATURATION

This procedure is simpler to carry out than the water-displacement method. It requires only two weight determinations: the weight of the completely water-saturated wood specimen (m in equation 2) and its oven dry weight (m_o).

- Place samples in water at room temperature in a vacuum flask and apply vacuum intermittently until no more water is absorbed and the specimens have reached constant weight. In practice this takes about two to three weeks.
- After the specimens are saturated, place them in damp cloth for 20 minutes to remove excess surface water without drying out.
- Weigh the samples quickly to prevent errors from drying out.
- Use equation 2 to calculate basic density (m_o is the same as that in equation 1).

2.4 NONDESTRUCTIVE ESTIMATION USING THE PILODYN

A typical pilodyn instrument and its use is shown in Figure 3.

Figure 3. Pilodyn tester used for estimating basic density in a eucalypt log

2.4.1 Calibration and use of the Pilodyn

- Select an aspect (North), make a small window in the bark with a bark punch to expose the xylem.
- Depress the pildyn head on to the cleared wood and fire the pin.
- Take a reading of the depth of pin penetration from the side of the instrument.
- Repeat penetration reading on opposite side of tree.
- Determine the mean for each tree and subsequent trees.

As an indirect measure of density, the depth of pin penetration must be calibrated for each species at every site under investigation.

This can be carried out by taking increment cores from a number of trees representing the extremes of the pilodyn readings. Basic density of the cores can be determined using water immersion or maximum moisture techniques.

3. ESTIMATING WOOD DENSITY OF WHOLE TREES (WHOLE TREE CORRELATIONS)

3.1 Background:

Most of the research to date has focused on industrial concerns, and the available data examines only variation in the merchantable stem (commonly base to 70% total tree height). The following sampling protocol has been used extensively for plantation studies and is intended to provide a basis for estimating the average density of the merchantable stem. Some modifications have been made to accommodate the different nature of this study. These are noted specifically at the end of the protocol description. The reader is referred to the general protocol detailed in Downes *et al.* (1997) for background information.

The aim of this section is to provide a rationale and a procedure for obtaining estimates of whole tree wood density for a given species at a given site.

Wood density varies in trees from pith to bark and from base to apex within a tree. Similarly wood density of branches is likely to vary, but little information is available. In order to determine the

total amount of carbon locked up in woody tissue, both the volume and density of that tissue must be known.

The majority of studies looking at density variation have been done on commercial timbers, predominantly plantation species. Little or no data are available on patterns of variation in non-commercial species. The studies on plantation species have indicated several important factors.

1. Annual ring average density generally increases from pith to bark in all species (softwood and hardwood) with the rate and pattern of increase dependent upon species and growth pattern. Growth pattern reflects the proportions of the ring that is produced at different times of the year which controls the average density of the ring. In general increasing growth rate will result in more wood production in spring. This wood has a lower density. Therefore faster growth rate generally results in lower annual ring density. Rainfall appears to have a dominant effect here.

2. Wood density varies from base to apex. The pattern appears to differ between softwoods (radiata pine) and hardwoods (eucalypts). Density has a cylindrical symmetry in softwoods (see description in Downes *et al.* 1997) resulting in a reduction in density with height. In eucalypts the pattern appears to be more conical with the interaction between the radial and longitudinal variation allowing density to vary from constant to increasing with height. Based on studies with plantation species the general pattern appears to be a gradual increase with height.

3.2 Sampling protocol

The method of sampling can have major effects on the data ultimately produced by a study and its interpretation (see Chapter 3, Downes *et al.* 1997). For sampling to be most effective, there needs to be a clear understanding of why the samples are being taken, and how they are going to be analysed. The choice of methods for sampling and analysis of wood properties should consider the need to interpret the resultant data within the context of existing scientific literature. Therefore, ancillary information about the site and sample population should be collected to facilitate this process. This section endeavours to provide a protocol for collecting and processing wood samples for analysis of wood density and subsequent data interpretation.

3.3 Necessary site data

Collection of site data should be done as part of routine practice in sampling studies. These data can then contribute to a larger database that can be used to develop a broader understanding of wood density variation.

Necessary data should include the following:

1. Tree age.
2. Tree species.
3. Height of sampling point and total tree height.
4. Diameter measured over bark at the sampling point.
5. Location; latitude and longitude; altitude. Each of these factors can affect growth rates and their patterns across the year.
6. Compass direction of core.
7. Measure of site quality if available (with explanations as required). A definition of the site index should be provided.
8. Median rainfall and seasonal distribution if available. Patterns of rainfall can have as marked an effect on wood properties, as total amounts. A more consistent growth pattern resulting from an even spread of rainfall throughout the year will produce a more uniform wood than a site where rainfall is concentrated in particular months.
9. Soil type according to Northcote (1987).

3.4 Obtaining the sample

The proposed protocol consists of two components:

1. An initial calibration procedure (destructive sampling); and
2. The non-destructive sampling program.

Given that there are large variations between sites and species, the pattern of wood property variation has to be calibrated for each site/species combination until sufficient information is available to understand the effects on tree growth and wood properties (see explanatory note 1).

3.5 Destructive sampling

Objective: To obtain a calibration for relating density measured from 12 mm increment cores at 1.1m height to whole tree density.

The number of trees required per site depends statistically on the variability between trees. In general this will not be known for either a given species or site selected for measurement. Thus based on the amount of sampling required in the overall program and the extensive data base being generated, we recommend that six trees per species per site be destructively sampled (see explanatory note 2).

All activities should be undertaken in accordance with the relevant codes of forest practice. Destructive collection involves the use of a chain saw, which should only be used by trained operators.

Generalised destructive sampling procedure

1. Select trees for destructive sampling that represent the trees to be sampled in the non-destructive sampling, that is, across the total size range (for core sampling this will generally be in excess of 15 cm dbhob).
2. Mark the north aspect on the bark.
3. Remove a 12 mm increment core from the stem at approx. 1.1 m.
4. Fell the tree and trim branches along the length of trunk.
5. Measure total tree height taking into account the height of the falling cut above the ground.
6. Sample from the top of the tree towards the base. Calculate and mark on the tree the percentage height points (2, 10, 40 and 70% of total height; see explanatory note 3), taking the lowest disc from as close above the scarf as possible.
7. Cut 50 mm discs and label them.

3.6 Sampling using 12 mm increment cores

Objective: To increase the accuracy of the whole-tree density estimate in a given species and site by taking 12 mm increment cores from 1.1 m above ground and estimating whole tree density.

The non-destructive sampling procedure provides an effective means of increasing the estimation accuracy by allowing more trees to be sampled quickly. The between tree variability is thus determined more accurately and provides a basis for determining confidence in the final result.

3.7 How many to sample

The number of trees sampled will depend on the variability across the site in terms of slope, soil type and rainfall. Assuming a moderately uniform site we recommend the non-destructive sampling of an additional 24 trees, providing a total sample of 30 trees per site. Actual numbers will need to be determined site by site, in the light of various constraints including the environmental sensitivity of the sampling process.

3.8 Where to sample

The logistics of core sampling require that a motorised coring system be used. This is determined by the need for speed and the difficulty of hand coring. The coring height is thus determined by the physical constraints of the coring

process. In general it is most comfortable to core at approx. 1.1 m above ground. Research studies indicate that the correlations between samples taken at this height and those of the whole tree are adequate.

3.9 How to take an increment core sample

The increment core

The most common form of non-destructive sample used is the increment core which is a sample that represents a radius or diameter is obtained from the stem at a given height. For wood quality studies, 12 mm cores are commonly used. The larger the corer, the greater the difficulty in getting a manual corer started in the tree, and in turning the corer. This is a particular difficulty in eucalypts.

Choice of corer

Corer type.

The cutting edge of the core drill bits should be clean, sharp and free of defects. Manual corers are commercially available from most forestry suppliers. The motor-driven corer recently developed by CSIRO Forestry and Forest Products is recommended [Trecor, Cyclone Hardware (Ph: 1800 335 019)]. Increment cores can be taken using the Trecor corer powered by a petrol motor (currently the Tanaka TED 262R is the only suitable motor on the market, but is slightly underpowered). There have been some problems with the sharpness of new or resharpened corer bits, so it is important to ensure that all bits are adequately sharpened before commencing field work.

Corer length.

The Trecor bits come in two lengths (300 and 500 mm). It is not necessary to remove the bark before using the corer (unlike the pilodyn).

When sampling trees with a diameter larger than the length of the shorter bit (300 mm) we suggest starting with the short bit and changing to the longer (500 mm) bit to finish. This can usually be done without breaking the wood core. Finishing the core with the short bit, when the longer one would be more appropriate, may result in the core becoming jammed. Jamming can also occur when a core breaks off within a tree stem and the corer 'chews' the broken end of the core while trying to slide back onto it. This breakage may be due to poor technique or decay within a tree. An extractor is available to remove a core from a tree with a diameter greater than 500 mm. The extractor is inserted beside the core (after the bit is removed from the coupling) to cut the attached end of the core. If an extractor is used, it is not possible to get a bark-to-bark core.

Recent results indicate that it is best to leave the hole unplugged rather than to try to seal it. Attempts to seal it tend to result in a moist warm environment within the tree favouring the growth of decay fungi.

3.10 Sample coding

Accurate sample coding is vital. When samples are analysed, any uncertainty about their origins will cause uncertainty in the whole project. Sample coding needs to meet the following criteria:

- be permanently written on, or attached to, the wood surface;
- writing must be legible and resistant to ethanol and water; and
- must contain sufficient information so that its origin is beyond doubt.

There are several brands of pencils suitable for this purpose. The Staedler copying pencil is available from specialist stationery stores and will write on wet surfaces. The Aquarellable pencil does a similar task. Lumber crayons are also useful, as are Tag pens. The use of plastic labels (e.g. 'Dymo' labels, 'Tytags') stapled onto discs and billets is adequate.

An alternative protocol has been found to be efficient. Sample codes are written onto 'Tytags', which are stapled to the tree to be sampled, or

flagging tape is tied around the tree. The person taking the core removes the tag and fastens it to the core by elastic bands (one each end). The core is then placed in the appropriate storage facility. In this way, the chance of wrongly labelling the core, or sampling the wrong tree, is minimised. Some form of cross checking the sample coding is also needed. A copy of the master sheet of sample codes should be kept and sent with the samples for analysis. Careful attention to the coding of samples is vital. Mislabelling of samples will result in wasted time, effort and money.

3.11 Steps in non-destructive sampling using a motorised corer

1. Select corer and length of bit required and ensure that bits are sharp.
2. Place corer in a stationary position against the bark.
3. Drill into the tree, applying enough pressure to get the tip to bite into the wood. The corer works best when just enough pressure is applied. Do not force the corer as the corer may jam in the tree causing it to overheat and char the core surface.
4. Withdraw the corer bit while it is still spinning at full throttle to allow the shavings to clear. This requires some practice.
5. Repeat steps 5 and 6 until the corer drills through the tree.
6. Remove the core by releasing the bit from the coupling. The core should come out easily from the motor end of the bit. Be careful not to damage the cutting edges of the corer while extracting the core.
7. Code the sample.

3.12 Sample storage

Prepare wood samples, discs or cores, for storage within 24 hours of removal from the tree. On no account leave wood samples for more than 24 hours at ambient temperature in the green state.

The major issues in sample storage and preparation are:

- prevention of fungal degradation;
- prevention of lumen collapse; and
- clear, accurate and logical sample coding.

As soon as a wood sample is removed from a tree, fungal spores will contaminate the surface. Spores can germinate, and subsequent growth can damage the wood considerably in a short time. Fungal hyphae can spread rapidly through wood, altering wood chemistry and degrading cell walls. In softwoods, the growth of wood staining fungi (blue stain) can happen quickly.

Prevention of fungal degradation

Fungal growth in stored samples can be prevented and/or minimised in several ways:

1. Placing discs or cores in plastic bags and storing them in a freezer, until further preparation is required;
2. Storing samples in 4% formalin; and
3. Storing samples in 95–100% ethanol.

The treatment of samples with chemicals needs to be done with consideration of intended analyses; for example, the introduction of foreign substances can affect density. The use of strong solvents can also extract fibre wall constituents. When the samples are prepared for analysis care is needed to minimise dimensional and chemical changes. On no account should the samples be allowed to air dry prior to volume determination. Eucalypts are exceptionally prone to shrinkage and collapse, a phenomenon that markedly alters wood density.

3.13 Time required for field sampling

Travelling time to and from sites will vary. Assuming that the site is relatively accessible we

estimate that the destructive sampling of 6 trees and the coring of an additional 24 trees can be accomplished in one working day by 2 trained technicians. The time required would be increased by the nature of the site including accessibility, tree size, the area of the site and the resultant time required for tree selection. Other site specific issues may also need to be considered.

3.14 Building the calibration

Objective: To determine a whole tree weighted density for each of the destructively sampled trees and obtain a regression equation relating increment core density in these trees to whole tree density. This equation can then be used to determine whole tree density.

1. Examine the pattern of density variation with height in each tree.
2. Determine the whole tree volume from the disk areas and tree height.
3. Using tree height, disk diameter and sampling point data determine the stem volume represented by each disk.
4. Using this data, weigh the density data from each disk to obtain a whole tree density value.
5. Determine the regression equation between the whole tree density and the increment core density. [Note: a poor correlation indicates large within and between tree variation, requiring an increase in the number of trees sampled.]
6. Use the regression equation to estimate the whole tree density and volumes of the trees sampled non-destructively.

3.15 Explanatory notes

1. There is no quicker way to do this at this stage, given the scarcity of available information. The lack of fundamental understanding of wood property variation makes this calibration procedure essential for realistic predictions. Quicker methods for density estimation (e.g. Pilodyn): (a) still require calibration; and (b) are considerably more variable requiring the sampling of greater tree numbers for a given level of accuracy (see Table 2.4 in Downes *et al.* 1997).
2. The basis for selecting the number of samples required is explained in Downes *et al.* (1997). If the coefficient of variation in density between trees is low, then fewer trees may be required. This may be the case on sites where growth is slow and the genetic diversity is small. The destructive sampling currently addresses stem density only. The background for including branches in the estimate is unknown at this stage. Some investigators have noted that total tree volume (stem and branch) can be estimated by treating the tree as a cylinder, multiplying breast height area by tree height. It is said that his was first suggested by Leonardo da Vinci (no references available).
3. In sampling plantation species we have recommended including a 50% height sample. In the interests of increasing speed and limiting costs we believe sampling at the 4 percentage heights indicated will not result in a significant loss of accuracy. Before cutting discs, examine stems carefully for the presence of defects. These defects indicate localised disturbances in density and can result in marked anomalies in the data set, and result in poor correlations. Avoiding branch stubs and deformities is more important than taking samples at the exact heights. These discs are used to represent a section of the trunk, not an individual point (i.e. the 40% disc represents the section of tree between 25 and 55% of tree height).

4. WHAT DO WE NEED TO KNOW (PRIORITY)?

The following appear to be major priority issues for the wood densities:

1. Wood density values for all major species harvested in the natural forest are required. (Check tables of species harvested with density database to indicate where major species are not represented. We would then recommend that density evaluations be carried out for those species).

2. Wood density values for major plantation species both natural forest and in plantations are required. In the absence of data, this would need to be carried out for material from plantations of different age. The key plantation species for Australia:

   E. globulus, *E. nitens*, *E. grandis*, *E. pilularis* and *E. regnans*. In addition, *Corymbia maculata*, *C. variegata* and *E. dunnii* need to be added as emerging species of importance. (There is little data on young *C. variegata* and *E. dunnii* so this would be highly desirable.) It is expected that there may be differences between densities in natural forest trees and plantation trees of the same species.

   Furthermore, there may be a case for investigating wood density of *E. globulus* grown in different environments, e.g. Green triangle and WA. It is quite likely that some of these data are being actively collected in other studies and some effort may need to be made to find out what is available.

3. Our knowledge of key species cleared on farmlands in central Queensland is limited to *Acacia harpophylla* (brigalow). A priority is to identify an additional five key species and ensure density data is available.

4. Many of the dryland species are likely to fall in the same catgory as *A. harpophylla* indicated above. Exhaustive sampling of such material would be prohibitive, but indicative data may be obtained from assumed similarities of anatomical structure among the taxa. In addition, approximate densities can be obtained from suitable material from the CSIRO Division of Forestry and Forest Products Dadswell Memorial Wood Collection.

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APPENDIX 1

1. LIST OF TAXA WITH AVAILABLE DENSITY DATA

See over page.

1.1 References for available density data.

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Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Abarema grandiflora			L	5		Siris, Tulip				510			625	
Abarema sapindoides			L	5		Siris, Tulip				500			610	
Abrophyllum ornans														
Acacia acradenia			L	12			1			810		1	1050	
Acacia acuminata			L	1		Jam, Raspberry	3	899				3	1038	
Acacia acuminata			L	8		Jam	2	1171						
Acacia adsurgens			L	12			1			790		1	1030	
Acacia adunca														
Acacia ampliceps			L	12			1			530		1	660	
Acacia aneura			L	4		Mulga	10	911	872-950			10	1101	1,043-1,159
Acacia aneura			L	5		Mulga				900			1200	
Acacia aneura			L	8		Mulga	25	1035	1,016-1,054			25	1203	1,184-1,222
Acacia aneura			L	8		Mulga, Weeping	25	1012	1,007-1,017			25	1192	1,185-1,199
Acacia aneura			L	8		Mulga	10	1157						
Acacia aneura			L	8		Mulga	1	1213						
Acacia aneura			L	12		Mulga	1			770		1	1000	
Acacia argyraea														
Acacia arundefflana			L	5		Wattle, Ferny				700			895	
Acacia atkinsiana			L	12			1	890						
Acacia aulacocarpa			L	1		Salwood, Brown	3	604				3	716	
Acacia aulacocarpa			L	5		Salwood, Brown				640			800	
Acacia aulacocarpa			L	6		Salwood, Brown				560	430 - 690	5	689.6	532-848
Acacia aulacocarpa			L	12		Salwood, Brown	1	860						
Acacia aulococarpa		*var. macrocarpa*	L	5		Salwood, Brown				550			675	
Acacia auriculiformis			L	5		Wattle, Black								
Acacia baileyana														
Acacia baked			L	5		Wattle, White				700			895	
Acacia bancroftii														
Acacia beckleri														
Acacia bidwillii			L	12			1	670						
Acacia binervata														
Acacia binervia														
Acacia bivenosa			L	12			1	650						
Acacia bivenosa			L	12			1	620						
Acacia blakei														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
											1									
											1									
																	1			
3	1035												1		1					
															1	Goldfields				
															1					
																	1			
			1188	88.5	26.7	3.40					1									
											1									
			1344	32	29.9	3.00									1	CALM Como				
			1315	24	30.0	1.80									1	CALM Harvey				
															1	Goongarrie				
															1	Leonora				
																	1			
											1									
															1					
3	716										1									
											1									
											1									
																	1			
											1									
											1									
											1									
											1									
															1					
															1					

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia boormanii														
Acacia brachystachya			L	12			1	1010						
Acacia brachystachya			L	12			1	970						
Acacia burkittii														
Acacia burrowii			L	5		Wattle, Burrow's								
Acacia buxifolia														
Acacia caerulescens														
Acacia calamifolia														
Acacia calcicola														
Acacia cambagei			L	1		Gidgee	3	1008				3	1260	
Acacia cambagei			L	4		Gidgee	10	1016	995-1,037			10	1283	1,259-1,307
Acacia cambagei			L	5		Gidgee				1,000			1345	
Acacia cambagei			L	6		Gidgee	1	1131.2				5	1240	1,171-1,309
Acacia cambagei			L	12			1	1050						
Acacia chisholmii			L	12			1	760						
Acacia chisholmii			L	12			1			750		1	960	
Acacia cibaria														
Acacia cincinnata														
Acacia citrinovirdis			L	12			1	810						
Acacia citrinovirdis			L	12			1	880						
Acacia cognata														
Acacia complanata														
Acacia concurrens			L	5		Curracabah				690			880	
Acacia coolgardiensis														
Acacia coriacea			L	4			10	886	858-914			10	1099	1,046-1,152
Acacia coriacea			L	12			1	960						
Acacia craspedocarpa			L	8		Mulga, Hop	6	1030						
Acacia crassa														
Acacia crassicarpa			L	1		Wattle, Northern Territory	5	578	496-660			5	670	573-767
Acacia crassicarpa			L	5		Salwood, Brown				550			675	
Acacia crassicarpa			L	6		Wattle, Northern Territory	5	617.6	600-635					
Acacia crassicarpa			L	12			4	610	432-788					
Acacia cultriformis														
Acacia cunninghamii			L	5		Curracabah				690			880	
Acacia cuthbertsonii														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1					
															1					
												1								
3	1220											1								
			1354	24	26.4	4.70						1								
												1								
												1								
												1								
												1								
												1								
															1					
															1					
												1								
			1206	86	24.6	4.20						1								
																	1			
															1	Adelong				
5	668	573-763															1			
												1								
																	1			
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia cyclops														
Acacia cyperophylla														
Acacia dealbata			L	1		Wattle, Silver	8	583	500-666			8	710	605-815
Acacia dealbata			L	5		Wattle, Silver				570			705	
Acacia dealbata			L	6		Wattle, Silver	6	569.6	445-694			6	667.2	504-830
Acacia deanei			L	5		Wattle, Deane's								
Acacia decora														
Acacia decurrens			L	5		Wattle, Green				520			640	
Acacia dentifera														
Acacia dictyophleba			L	12			1			700		1	885	
Acacia difficilis			L	12			1			710		1	910	
Acacia difficilis			L	12			1	770						
Acacia dimidiata														
Acacia disparrima														
Acacia doratoxylon			L	5		Lancewood, Brown				720			915	
Acacia dunnii														
Acacia elata														
Acacia eriopoda			L	12			1	900						
Acacia estrophiolata														
Acacia excelsa			L	4		Wattle, Ironwood	10	908	864-952			10	1122	1,062-1,182
Acacia excelsa			L	5		Wattle, Ironwood				830			1090	
Acacia falcata														
Acacia falciformis														
Acacia farnesiana														
Acacia fasciculifera			L	5		Wattle, Rose				850			1120	
Acacia fascuculifera														
Acacia filicifolia														
Acacia fimbriata														
Acacia floribunda														
Acacia frigescens														
Acacia georginae			L	5		Gidgee, Georgina				710			900	
Acacia glaucocarpa			L	12			4	780	595-965					
Acacia gonocarpa														
Acacia gonoclada														
Acacia grasbyi			L	8		Miniritchie	9	1199						

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
8	703	599-807									1			1						
												1								
											1									
												1								
												1								
																	1			
																	1			
																	1			
												1								
															1					
			1284	52	37.5	7.10						1								
												1								
												1								
												1								
												1								
																1	Payne's Find			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia grasbyi			L	12			1	860						
Acacia grasbyii			L	8		Miniritchie	16	1048	1,035-1,061			16	1230	1,215-1,245
Acacia hakeoides														
Acacia hammondii														
Acacia harpophylla			L	1		Brigalow	3	870				3	1099	
Acacia harpophylla			L	2		Brigalow	6	859	818-900			6	1053	1,009-1,097
Acacia harpophylla			L	5		Brigalow				790			1025	
Acacia harpophylla			L	12		Brigalow	4	910	764-1,056					
Acacia hemignosta			L	12			1			600		1	750	
Acacia hemsleyi			L	12			1	600						
Acacia holosericea			L	12			1			700		1	890	
Acacia holosericea			L	12			1	610						
Acacia homalophylla			L	5		Yarran				930			1235	
Acacia howittii														
Acacia humifusa														
Acacia implexa			L	1		Lightwood	4	583				4	689	
Acacia implexa			L	5		Lightwood				640			800	
Acacia irrorata			L	5		Wattle, Green				520			640	
Acacia iteaphylla														
Acacia jennerae			L	8			13	862						
Acacia julifera														
Acacia jutsonii														
Acacia kempeana														
Acacia kettlewelliae														
Acacia laccata			L	12			1			660		1	840	
Acacia lamprocarpa														
Acacia lasiocalyx			L	8		Wattle, Silver	4	795						
Acacia latifolia														
Acacia leiocalyx			L	5		Curracabah								
Acacia leprosa														
Acacia leptocarpa														
Acacia leptostachya														
Acacia leucoclada														
Acacia ligulata														
Acacia linearis			L	5		Wattle, Narrow-Leaved								

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1					
			1273	23	21.6	2.70									1	CALM Harvey				
3	1053									1										
6	1028	982-1,074																	1	
												1								
												1								
															1					
																	1			
																	1			
																	1			
												1								
4	686											1								
												1								
												1								
															1	Davyhurst				
															1					
															1	Victoria Rocks area				
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Acacia linifolia														
Acacia linophylla														
Acacia loderi														
Acacia longifolia														
Acacia longissima			L	5		Wattle, Narrow-Leaved								
Acacia lysiphloia														
Acacia maconochieana			L	12			1	800						
Acacia maconochieana			L	12			1			730		1	930	
Acacia macradenia														
Acacia maidenii			L	12			4	620	515-725					
Acacia mangium			L	5		Salwood, Brown				560			690	
Acacia mearnsii														
Acacia melanoxylon			L	1		Blackwood	45	546	526-566			49	652	629-675
Acacia melanoxylon			L	5		Blackwood				520			640	
Acacia melanoxylon			L	6		Blackwood	24	566.4	540-593			25	640	610-670
Acacia melvillei														
Acacia microbotrya														
Acacia microsperma			L	5		Wattle, Bowyakka								
Acacia mollissima			L	1		Wattle, Black	3	565				3	706	
Acacia mollissima			L	6		Wattle, Black	3	651.2	493-809			3	785.6	703-869
Acacia montana														
Acacia monticola														
Acacia mucronata														
Acacia muelleriana														
Acacia multisiliqua														
Acacia murrayana			L	8		Wattle, Sandplain	10	603						
Acacia neriifolia														
Acacia neurophylla														
Acacia nilotica			L	4			10	698	677-719			10	875	826-924
Acacia obliquinervia														
Acacia obtusifolia														
Acacia omalophylla			L	5		Yarran				930			1235	
Acacia oncinocarpa														
Acacia o'shanesii			L	5		Wattle, Ferny				700			895	
Acacia oswaldii			L	8		Miljee	4	1133						

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	Abundance (1,2,3,4,5) See Appendix 2
										N.S.W.
										Victoria
									1	Queensland
										South Australia
										Tasmania
									1	Western Australia
										(Ref.within WA)
									1	Northern Territory
										Australian Capital Territory
										Australia
49	649	627-671							1	Abundance (1,2,3,4,5) See Appendix 2
									1	Victoria
									1	Queensland
									1	South Australia
									1	Western Australia
3	683								1	Northern Territory
			1162	34	55.2	13.80			1	Western Australia
									1	Goongarrie
									1	Victoria
									1	Goongarrie

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia oxycedrus														
Acacia pachycarpa			L	12			1			780		1	1010	
Acacia pallidifolia			L	12			1			630		1	790	
Acacia papyrocarpa			L	8		Myall, Western	15	1080	1,054-1,106			15	1237	1,206-1,268
Acacia papyrocarpa			L	8		Myall, Western	25	1030						
Acacia papyrocarpa			L	8		Myall, Western	5	1122						
Acacia parramattensis														
Acacia pauciglandulosa			L	5		Wattle, Green				520			640	
Acacia pellita			L	12			1	670						
Acacia pendula			L	5		Myall				880			1155	
Acacia penninervis			L	1		Wattle, Hickory	8	597	538-656			8	711	632-790
Acacia penninervis			L	6		Wattle, Hickory	5	656	620-692			5	790.4	752-829
Acacia pentadenia														
Acacia peuce			L	5		Waddywood				1,040			1425	
Acacia platycarpa														
Acacia plectocarpa														
Acacia podalyriifolia														
Acacia polybotrya														
Acacia polystachya														
Acacia pravissima														
Acacia prominens														
Acacia pruinocarpa			L	8		Gidgee	28	971	953-989			28	1150	1,129-1,171
Acacia pruinocarpa			L	8		Gidgee	17	1042						
Acacia pruinosa														
Acacia pycnantha														
Acacia pyrifolia														
Acacia quadramarginea			L	8		Wattle, Granite	5	1071						
Acacia quadrimarginea														
Acacia ramulosa			L	8		Mulga, Horse	6	1169						
Acacia resinimarginea			L	8		Man Wodjil, Old	4	1157						
Acacia retinodes														
Acacia retivenea														
Acacia rhodophloia														
Acacia rhodoxylon			L	5		Wattle, Spear				950			1280	
Acacia rigens														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1					
																	1			
			1293	40	18.6	5.60									1	CALM Como				
															1	Adelong				
															1	Bronzewing				
												1								
															1					
												1								
8	705	629-781								1	1									
										1										
												1								
			1263	62	30.2	5.80									1	CALM Harvey				
															1	Mt Keith				
															1	Goongarrie				
															1	Goongarrie				
															1	Nepean				
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia rivalis													
Acacia rostellifera													
Acacia rubida													
Acacia salicina			L	5		Cooba				550		675	
Acacia saligna													
Acacia sclerosperma			L	12			1	860					
Acacia sessiliceps													
Acacia shirleyi			L	4		Lancewood	10	833	804-862		10	1020	972-1,068
Acacia shirleyi			L	12		Lancewood	1	1020					
Acacia shirleyi			L	12		Lancewood	1	1000					
Acacia shirleyi			L	12		Lancewood	1			810	1	1050	
Acacia sibilans			L	12		Lancewood	1	970					
Acacia signata													
Acacia silvestris													
Acacia sparsiflora													
Acacia spectabilis			L	5		Wattle, Pilliga				700		890	
Acacia stenophyfla			L	12		Cooba, River	1			710	1	900	
Acacia stenophylla			L	5		Cooba, River				750		960	
Acacia stenophylla			L	12		Cooba, River	1	690					
Acacia stipuligera			L	12			1	810					
Acacia stowardii													
Acacia stricta													
Acacia strongylophylla													
Acacia subporosa													
Acacia subtesserogona			L	8		Gidgee, Spreading	4	1274					
Acacia sutherlandii													
Acacia tenuissima			L	12			1			530	1	650	
Acacia tephrina													
Acacia terminalis													
Acacia tetragonophylla			L	8		Curara	6	1164					
Acacia tetragonophylla			L	12		Curara	1			780	1	1015	
Acacia thomsonii													
Acacia torulosa													
Acacia triptera													
Acacia tropica													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
															1					
			1103	59	25.0	2.60						1								
												1								
																	1			
																	1			
															1					
												1								
																	1			
												1								
															1					
																	1			
															1	Gascoyne Junction				
												1								
															1	Kalgoorlie area				
																	1			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acacia tumida														
Acacia validinervia														
Acacia verniciflua														
Acacia verticillata														
Acacia vestita														
Acacia victoriae			L	8		Acacia, Prickly	7	804						
Acacia xiphophylla			L	8		Snakewood	5	1321						
Acalypha eremorum														
Aceratium concinnum			L	5		Carabeen, Hard				580			720	
Aceratium doggrellii			L	5		Carabeen, Buff				500			610	
Aceratium ferrugineum														
Aceratium megalospermum			L	5		Carabeen, Bolly				510			625	
Achras arnhomica			L	5		Boxwood, Yellow								
Ackama australiensis			L	1		Alder, Rose	3	487				3	593	
Ackama australiensis			L	2		Alder,Rose	6	474	420-528			6	572	505-639
Ackama muelleri			L	5		Alder, Brown				530			655	
Ackama paniculata			L	1		Alder, Brown	8	511	479-543			13	670	643-697
Ackama paniculata			L	5		Alder, Brown				530			655	
Ackama quadrivalvis			L	5		Alder, Rose				470			575	
Ackarna australiensis			L	5		Alder, Rose				470			575	
Acmena australis			L	5		Satinash, Southern				440			530	
Acmena brachyandra			L	5		Satinash, Southern				440			530	
Acmena divaricata			L	5		Satinash, Cassowary				640			810	
Acmena graveolens			L	5		Satinash, Cassowary				490			595	
Acmena hemilampra														
Acmena hemilampra		*ssp. hemilampra*	L	5		Satinash, Blush				580			720	
Acmena ingens														
Acmena macrocarpa			L	5		Satinash, Cassowary				490			595	
Acmena resa			L	5		Satinash, Eungella , Red				630			785	
Acmena smithii			L	5		Satinash, Lilipilli				570			705	
Acmena sp.		*aff. A. smithii*	L	5		Satinash, Eungella , Red				630			785	
Acmenosperma claviflorum			L	5		Satinash, Grey				690			880	
Acradenia euodiiformis			L	5		Scrubironbark				700			895	
Acradenia frankliniae			L	1		Wirewood	5	607	501-713			5	745	728-762
Acronychia aberrans			L	5		Aspen, Lel40n								

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Burnabinmah				
															1	Canarvon				
												1								
												1								
												1								
												1								
3	586											1								
6	568	504-632																	1	
												1								
13	634	606-662								1		1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
5	737	721-753												1						
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Acronychia acidula			L	5		Aspen, Lel40n				520		640	
Acronychia acronychioides			L	5		Aspen, White				510		625	
Acronychia baueri			L	1		Aspen, Hard	3	691			3	864	
Acronychia baueri			L	5		Aspen, Yellow				720		915	
Acronychia haplophylla			L	5		Aspen, Yellow				660		835	
Acronychia imperforata													
Acronychia laevis			L	1		Aspen, Hard	2	509			2	617	
Acronychia laevis			L	5		Aspen, Hard				520		640	
Acronychia melicopoides			L	5		Aspen, White				510		625	
Acronychia oblongifolia													
Acronychia pauciflora													
Acronychia pubescens													
Acronychia sp.		*aff. A. acidula*	L	5		Aspen, Lel40n							
Acronychia vestita			L	1		Aspen, Lemon	2	484			2	586	
Acronychia vestita			L	5		Aspen, White				570		705	
Acronychia vestita			L	6		Aspen, Lemon	3	492.8			3	608	
Acronychia wilcoxiana													
Acrotriche aggregata													
Actephila lindleyi													
Actephila mearsii			L	5		Quandong, Brown-Hearted				610		760	
Actinostrobus arenarius													
Actinostrobus pyramidalis													
Adansonia gregorii													
Aegiceras comiculatum			L	5		Mangrove, River							
Aegiceras corniculatum													
Aegiceras majus			L	5		Mangrove, River							
Aflanthus triphysa			L	5		Siris, White				360		435	
Afzelia australis			L	5		Kwila				680		865	
Afzelia bijuga			L	5		Kwila				680		865	
Agastachys odorata													
Agathis atropurpurea			L	5		Pine, Kauri , Queensland				400		480	
Agathis microstachya			L	1		Kauri, Queensland, North				450	3	540	
Agathis microstachya			L	5		Pine, Kauri , Queensland				400		480	
Agathis palmerstoni			L	1		Kauri, Queensland, North	9	394	380-408		12	466	448-484
Agathis palmerstonii			L	5		Pine, Kauri , Queensland				400		480	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
3	837											1								
												1								
												1								
2	615											1								
												1								
												1								
												1								
2	585											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	525											1								
												1								
12	461	444-478										1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Agathis palmerstonii			L	6		Kauri, Queensland, North	5	401.6	365-438			5	465.6	427-504
Agathis robusta			L	5		Pine, Kauri , Queensland				400			480	
Aglaia elaeagnoidea														
Aglaia sapindina														
Agonis flexuosa														
Agonis juniperina														
Agonis linearifolia														
Aidia racemosa			L	5		Gardenia, Yellow				700			895	
Ailanthus imberbiflora			L	5		Siris, White				360			435	
Ailanthus malabarica			L	1		Siris, White	3	359				3	434	
Ailanthus malabarica			L	5		Siris, White				360			435	
Ailanthus triphysa														
Akania hillii			L	5		Turnipwood				540			665	
Akania lucens			L	5		Turnipwood				540			665	
Alangium villosum			L	5		Muskheart, Canary				570			705	
Albizia basaltica			L	5		Lancewood, Red				900			1200	
Albizia canescens														
Albizia lebbeck														
Albizia procera			L	5		Siris, Forest				590			735	
Albizia thozetiana			L	5		Siris, Brown				750			960	
Albizia toona			L	5		Siris, Red				580			720	
Albizia xanthoxylon			L	5		Siris, Yellow				500			610	
Albizzia toona			L	1		Siris, Red	4	582				4	728	
Alchornea ilicifolia														
Alectryon connatus														
Alectryon diversifolius														
Alectryon oleifolius														
Alectryon subcinereus														
Alectryon tomentosus														
Aleurites moluccana			L	1		Candlenut				390	380 - 400	5	465	450-480
Aleurites moluccana			L	5		Candlenut				390			465	
Allocasuarina acutivalvis			L	8			2	941						
Allocasuarina campestris														
Allocasuarina comiculata			L	8		Tamma	2	970						
Allocasuarina decaisneana			L	8		Oak, Desert	7	1211						

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
3	424											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
4	704											4								
5	463	449-477										1								
												1								
															1		Victoria Rocks area			
															1		Victoria Rocks area			
															1		Warburton			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Allocasuarina dielsiana			L	8		Sheoak, Northern	4	1045						
Allocasuarina distyla														
Allocasuarina fraseriana														
Allocasuarina helmsii														
Allocasuarina huegeliana			L	8		Sheoak, Rock	25	885						
Allocasuarina inophloia			L	5		Sheoak, Flame				740			945	
Allocasuarina lehmanniana														
Allocasuarina littoralis			L	5		Sheoak, Black				610			770	
Allocasuarina littoralis			L	12			4	570	452-688					
Allocasuarina luehmannii			L	5		Oak, Bull				850			1120	
Allocasuarina monilifera														
Allocasuarina muelleriana														
Allocasuarina paludosa														
Allocasuarina torulosa			L	5		Sheoak, Rose				750			960	
Allocasuarina verticillata														
Alourites triloba			L	5		Candlenut				390			465	
Alphitonia excelsa			L	1		Almond, Red	5	562	487-637			5	684	629-739
Alphitonia excelsa			L	5		Ash, Red				610			770	
Alphitonia petriei			L	5		Ash, Pink				430			515	
Alphitonia whitei			L	1		Almond, Red	3	534				3	668	
Alphitonia whitei			L	5		Ash, Red				610			770	
Alstonia scholaris			L	2		Cheesewood, White	6	335	317-353			6	397	374-420
Alstonia actinophylla			L	1		Milkwood, Northern Territory	5	392	342-442			5	460	403-517
Alstonia actinophylla			L	5		Cheesewood, White				280			335	
Alstonia actinophylla			L	6		Milkwood, Northern Territory	5	412.8	364-462					
Alstonia constricta			L	5		Quinine				600			755	
Alstonia muellerana			L	5		Milkwood,, Hard				650			815	
Alstonia muelleriana			L	1		Milkwood, Hard	3	668				3	822	
Alstonia scholaris			L	5		Cheesewood, White				340			400	
Alstonia somersetensis			L	5		Milkwood,, Hard				600			755	
Alstonia spectabilis			L	5		Milkwood,, Hard				600			755	
Alstonia spectabilis			L	6		Milkwood, Hard	2	676.8				5	804.8	760-849
Alstonia verticillosa			L	5		Cheesewood, White				320			385	
Alstonia verticillosa			L	6		Milkwood, Northern Territory	5	412.8	364-462					
Alstonia villosa			L	5		Milkwood,, Hard				600			755	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Mt Elvire				
															1	Boorabbin				
												1								
												1								
												1								
												1								
												1								
												1								
5	666	592-740								1		1								
												1								
												1								
3	651											1								
												1								
6	396	373-419																	1	
5	458	402-514															1			
												1								
																	1			
												1								
												1								
3	820											1								
												1								
												1								
												1								
												1								
												1								
																	1			
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Alstonia villosa			L	6		Milkwood, Hard	2	676.8				5	804.8	760-849
Alyxia ilicifolia														
Alyxia magnifolia														
Alyxia ruscifolia														
Alyxia spicata														
Amoora nitidula			L	5		Incensewood				640			800	
Amorphospermum antilogum			L	1		Pearwood, Brown	5	657	651-663			5	804	781-827
Amorphospormum antilogum			L	5		Boxwood, Plum				640			810	
Ancana stenopetala														
Angophora bakeri			L	1		Apple, Narrow-Leaved	3	589						
Angophora costata			L	1		Apple, Smooth-Barked	8	745	706-784					
Angophora costata			L	5		Apple, Smooth-Barked				730			930	
Angophora floribunda			L	5		Apple, Rough-Barked				690			880	
Angophora intermedia			L	1		Apple, Rough-Barked	3	660						
Angophora intermedia			L	5		Apple, Rough-Barked				690			880	
Angophora lanceolata			L	5		Apple, Smooth-Barked				730			930	
Angophora leiocarpa														
Angophora subvelutina			L	5		Apple, Broad-Leaved				690			880	
Angophora woodsiana			L	5		Apple, Smudgy				730			930	
Angophora woodsiana			L	6		Apple, Rough-Barked				660	650 - 670	5	840	823-857
Anodopetalum biglandulosum			L	1		Horizontal	1	618				5	711	689-733
Anopterus glandulosus														
Anopterus macleayanus			L	5		Anopterus								
Anthocarapa nitidula			L	5		Incensewood				640			800	
Antidesma bunius			L	5		Currantwood				640			800	
Antidesma dallachyanum			L	5		Currantwood				640			800	
Antidesma erostre			L	5		Currantwood				670			850	
Antidesma ghaesembilla														
Antlaris toxicaria			L	5		Antiaris				390			465	
Aphananthe philippinensis			L	1		Handlewood, Grey	6	593	563-623			6	734	693-775
Aphananthe philippinensis			L	5		Handlewood, Grey				580			720	
Apodytes brachystylis			L	5		Alder, Buff				530			655	
Apophyllum anomalum														
Araucaria bidwilli			L	1		Pine, Bunya	28	383	371-395			37	458	442-474
Araucaria bidwilli			L	6		Pine, Bunya	30	392	380-404			31	457.6	444-472

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
5	793	674-912										1								
												1								
										1										
										1		1								
												1								
												1								
										1										
												1								
												1								
												1								
												1								
												1								
5	695	673-717												1						
												1								
												1								
												1								
												1								
												1								
												1								
6	708	668-748										1								
												1								
												1								
37	453	437-469										1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Araucaria bidwillii			L	5		Pine, Bunya				440		530	
Araucaria cunninghamii			L	5		Pine, Hoop				460		560	
Araucaria cunninghamii			L	1	10-26 y.o.	Pine, Hoop	115	437	430-444		114	514	506-522
Araucaria cunninghamii			L	1		Pine, Hoop	58	437	427-447		77	529	517-541
Araucaria cunninghamii			L	1	7-8 y.o.	Pine, Hoop	60	424	414-434		60	498	486-510
Araucaria cunninghamii			L	6		Pine, Hoop	42	443.2	430-457		42	520	504-536
Archidendfopsis basaltica			L	5		Lancewood, Red				900		1200	
Archidendron grandifilorum			L	5		Siris, Tulip				510		625	
Archidendron grandiflorum													
Archidendron hendersonii			L	5		Siris, Tulip				500		610	
Archidendron lovelliae			L	5		Siris, Tulip							
Archidendron vaillantii			L	5		Bean, Salmon				360		430	
Archidendropsis basaltica			L	4		Lancewood, Red	10	924	900-948		10	1218	1,198-1,238
Archidendropsis thozetiana			L	5		Siris, Brown				750		960	
Archidendropsis xanthoxyla			L	5		Siris, Yellow				500		610	
Archontophoenix alexandrae			L	5		Palm*, Piccabeen				750		960	
Archontophoenix cunninghamiana			L	5		Palm*, Piccabeen				750		960	
Argophyllum nullumense													
Argyrodendion sp.			L	5		Oak, Tulip , Red				760		975	
Argyrodendron actincphylium	*ssp. actinophyllum*		L	5		Oak, Tulip , Blush				640		800	
Argyrodendron actincphyllum	*ssp. diversifolium*		L	5		Oak, Tulip , Mackay				640		800	
Argyrodendron actinophyllum			L	1		Oak, Tulip, Blush	12	631	612-650		12	809	775-843
Argyrodendron peralatum			L	1		Oak, Tulip, Red	10	620	584-656		7	775	725-825
Argyrodendron peratatum			L	5		Oak, Tulip , Red				640		800	
Argyrodendron polyandium			L	5		Oak, Tulip , Brown				780		1010	
Argyrodendron polyandrum													
Argyrodendron sp.	*aff. A. trifoliolatum*		L	5		Oak, Tulip , Brown				720		925	
Argyrodendron sp.			L	5		Oak, Tulip , Red				710		910	
Argyrodendron sp.	*aff. A. peralatum*		L	5		Oak, Tulip , Red				610		770	
Argyrodendron trifoliatum			L	1		Oak, Tulip, Brown	3	774			3	968	
Argyrodendron trifoliatum			L	2		Oak, Tulip, Brown	5	714	622-806		5	911	775-1,047
Argyrodendron trifoliolatum			L	5		Oak, Tulip , Brown				720		925	
Argyrodendron trifoliolatum	*var. peralatum*		L	5		Oak, Tulip , Red				640		800	
Aristotelia magalosperma			L	5		Carabeen, Bolly				510		625	
Aristotelia peduncularis													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
114	514	506-522										1								
77	525	513-537										1								
60	497	485-509										1								
												1								
												1								
												1								
												1								
												1								
												1								
			1322	14.7	31.4	3.50						1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
11	793	755-831								1		1								
7	754	704-804										1								
												1								
												1								
												1								
												1								
												1								
3	937											1								
5	901	762-1,040																	1	
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Aristotelia pubescens			L	5		Carabeen, Hard				580			720	
Arytera divaricata			L	5		Tamarind, Rose				590			735	
Arytera lautererana			L	5		Tamarind, Corduroy				570			705	
Arytera lautereriana			L	1		Tamarind, Corduroy	5	569	528-610			5	682	632-732
Astartea fascicularis														
Asterotrichion discolor														
Astrotricha latifolia														
Atalaya hemiglauca														
Atalaya multiflora			L	5		Whitewood				670			850	
Atalaya salicifolia			L	5		Whitewood				690			880	
Atalaya virens			L	5		Whitewood				690			880	
Atherosperma moschatum			L	1		Sassafras, Southern	1	418				3	581	
Atherosperma moschatum			L	6		Sassafras, Southern				510	510 - 510	24	630.4	627-634
Athertonia diversifolia			L	5		Oak, Silky , Cream				550			675	
Athrotaxis cupressoides														
Athrotaxis laxiflolia														
Athrotaxis selaginoides			L	1		Pine, King William	25	344	334-354			25	408	396-420
Athrotaxis selaginoides			L	6		Pine, King William	23	337.6	329-346			25	404.8	396-413
Austrobuxus swainii														
Austromuellera trinervia			L	5		Oak, Silky , Mueller's				560			690	
Austromyrtus acmenioides														
Austromyrtus acmenoides			L	5		Ironwood, Scrub				680			865	
Austromyrtus bidwillii														
Austromyrtus hillii														
Avicennia marina														
Avicennia marina		*var. australasica*	L	5		Mangrove, Grey				640			800	
Avicennia officinalis			L	5		Mangrove, Grey				640			800	
Backhousia angustifolia														
Backhousia bancroftii			L	1		Hardwood, Johnston River	3	768				3	960	
Backhousia bancroftii			L	2		Hardwood, Johnston River	12	820	794-846			12	1024	989-1,059
Backhousia bancroftii			L	5		Hardwood, Johnstone River				770			995	
Backhousia citriodora			L	5		Aspen, Yellow				750			960	
Backhousia hughesii			L	5		Backhouisia, Stony				780			1010	
Backhousia myrtifolia			L	1		Ironwood	5	804	755-853			8	1028	987-1,069
Backhousia myrtifolia			L	5		Ironwood				810			1055	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
5	678	628-728									1									
												1								
												1								
												1								
3	562									1	1			1						
														1						
												1								
25	408	395-421												1						
														1						
												1								
												1								
												1								
												1								
3	930											1								
14	1017	982-1,052																	1	
												1								
												1								
												1								
8	1003	956-1,050								1		1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Baeckea virgata														
Balanops australiana			L	1		Pimple-Bark	5	678				5	848	
Balanops australiana			L	5		Pimplebark				680			865	
Balanops australiana			L	6		Ash, Pimply				690	650 - 730	6	876.8	832-922
Baloghia inophylla			L	5		Bloodwood, Scrub				580			720	
Baloghia lucida			L	1		Birch, Ivory	8	599	537-661			8	727	34-1,420
Baloghia lucida			L	5		Bloodwood, Scrub				580			720	
Banksia aemula			L	6		Banksia, Wallum				530	510 - 550	6	648	619-677
Banksia cunninghamii														
Banksia dentata														
Banksia elderiana			L	8		Banksia, Swordfish	7	887						
Banksia ericifolia														
Banksia grandis														
Banksia ilicifolia														
Banksia integrifolia			L	5		Banksia, White				460			560	
Banksia littoralis														
Banksia marginata			L	1		Banksia, Silver	3	418				1	585	
Banksia menziesii														
Banksia ornata														
Banksia prionotes														
Banksia robur														
Banksia seminuda														
Banksia serrata			L	1		Banksia, Red	2	461				2	636	
Banksia serrata			L	5		Banksia, Saw				580			720	
Banksia serratffolia			L	5		Banksia, Wallum				520			640	
Banksia serratifolia			L	1		Banksia, Wallum.	3	513				3	639	
Banksia serratifolia			L	6		Banksia, Wallum				530	510 - 550	6	648	619-677
Banksia sphaerocarpa														
Banksia spinulosa														
Banksia verticillata			L	1		Banksia, River	5	392	377-407			5	485	464-506
Banksla aemula			L	5		Banksia, Wallum				520			640	
Barringtonia acutangula														
Barringtonia acutangula	*ssp. Acutangula*		L	5		Barringtonia								
Barringtonia asiatica			L	5		Barringtonia				440			530	
Barringtonia calyptrata			L	5		Barringtonia				440			530	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
5	821											1								
												1								
												1								
												1								
8	716	11-1,421								1		1								
												1								
												1								
															1	Johnson Lakes				
												1								
1	561									1										
2	618										1									
												1								
												1								
3	633											1								
												1								
5	476	455-497													1					
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Barringtonia gracilis			L	5		Barringtonia							
Barringtonia longiracemosa			L	5		Barringtonia				450		545	
Barringtonia racemosa			L	5		Barringtonia				450		545	
Bauerella australiana			L	5		Aspen, Yellow				720		915	
Bauerella simplicifolia			L	5		Aspen, Yellow				720		915	
Bauhinia carroniii			L	5		Bauhinia, Carron's				1,020		1390	
Bauhinia hookeri			L	5		Bauhinia, Hooker's				920		1225	
Bedfordia arborescens													
Bedfordia salicina													
Beilschmiedia bancroftii			L	1		Walnut, Yellow	15	487	464-510		15	585	556-614
Beilschmiedia bancroftii			L	5		Walnut, Yellow				520		640	
Beilschmiedia elliptica			L	5		Walnut, Grey				650		815	
Beilschmiedia obtusifolia			L	1		Walnut, Blush	5	633	597-669		6	775	740-810
Beilschmiedia obtusifolia			L	5		Waddywood				610		770	
Beilschmiedia oligandra			L	5		Walnut, Ivory				640		800	
Beilschmiedia sp.	*aff. B obtusffolia,*		L	5		Waddywood				560		695	
Beilschmiedia sp.			L	5		Walnut, Blush , Boonjie				440		530	
Beilschmiedia sp.	*aff. B oligandra*		L	5		Walnut, Ivory				540		665	
Berrya javanica													
Berrya rotundifolia													
Beyeria lasiocarpa													
Beyeria viscosa													
Bischofia javanica			L	5		Cassia				530		655	
Bleasdalea bleasdalei			L	5		Oak, Silky , Blush				510		625	
Blepharocarya involucrigera			L	2		Butternut, Rose	8	453	422-484		7	549	510-588
Blepharocarya involucrigera			L	5		Butternut, Rose				460		560	
Bombax ceiba			L	5		Kapok-Tree				350		415	
Bombax malabaricum			L	5		Kapok-Tree				350		415	
Bosistoa euodiiformis			L	5		Scrubironbark				700		895	
Bosistoa pentacocca													
Bosistoa transversa			L	5		Scrubironbark				760		975	
Brachychilon trichosiphon			L	5		Bottletree, Broad-Leaved							
Brachychiton acerifolium			L	1		Kurrajong, Flame	9	322	269-375		9	407	338-476
Brachychiton acerifolius			L	5		Kurrajong, Flame				340		400	
Brachychiton australis			L	5		Bottletree, Broad-Leaved							

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
13	577	545-609										1								
												1								
												1								
6	767	729-805										1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
7	548	504-592																	1	
												1								
												1								
												1								
												1								
												1								
												1								
9	394	331-457									1	1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Brachychiton bidwillii														
Brachychiton discolor			L	1		Kurrajong, White	3	197				3	231	
Brachychiton discolor			L	5		Kurrajong, Brush				260			305	
Brachychiton diversifolius			L	5		Kurrajong, Northern				380			450	
Brachychiton gregord			L	8		Kurrajong	3	698						
Brachychiton gregorii														
Brachychiton luridus			L	5		Kurrajong, Brush				260			305	
Brachychiton paradoxus														
Brachychiton populneum			L	5		Kurrajong				380			450	
Brachychiton populneus														
Brachychiton rupestris			L	5		Bottletree, Narrow-Leaved								
Brachychiton velutinosus			L	5		Kurrajong, Brush								
Brackenridgea australiana			L	5		Ochna, Brown				690			880	
Brackenridgea nitida	*ssp. australiana*		L	5		Ochna, Brown				690			880	
Brassaia actinophylla			L	5		Umbrellatree				400			480	
Breynia cernua														
Breynia oblongifolia														
Bridelia exaltata			L	1		Ironbark, Scrub	2	650				2	778	
Bridelia exaltata			L	5		Ironbark, Red, Narrow-Leaved				650			815	
Bridelia minutiflora			L	5		Birch, Grey				510			630	
Bridelia penangiana			L	5		Birch, Grey				510			630	
Brombya platynema			L	5		Brombya				570			710	
Brucea javanica														
Bruguiera exaristata														
Bruguiera gymnorhiza														
Bruguiera gymnorrhiza			L	5		Mangrove, Black				760			975	
Bruguiera parviflora														
Bruguiera rheedii			L	5		Mangrove, Black				760			975	
Bubbia semecarpoides			L	6		Pepper-Tree, Australian				440	400 - 480	5	536	491-581
Bubbia semecarpoides	*var. semecarpoides*		L	5		Beech, Winter				490			595	
Bubbia whiteana			L	5		Beech, Winter				490			595	
Buchanania arborescens			L	5		Buchanania				390			470	
Buchanania florida	*var. arborescens*		L	5		Buchanania				390			470	
Buchanania muelleri			L	1		Buchanania	4	479				4	586	
Buchanania muelleri			L	6		Lightwood	5	496	472-520					

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
3	231											1								
												1								
												1								
															1	Kambalda				
												1								
												1								
												1								
												1								
												1								
												1								
												1								
2	762											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
4	588																1			
																	1			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Buchanania muelleri		*var. muelleri*	L	5		Buchanania				390			470	
Buchanania obovata														
Buckinghamia celsissima			L	1		Oak, Silky, Buckinghamia	2	762				2	947	
Buckinghamia celsissima			L	5		Oak, Silky , Spotted				730			930	
Buckinghamia celsissima			L	6		Oak, Silky, Buckinghamia	2	742.4				6	921.6	904-939
Bursada tenuifolia			L	5		Bursaria, Sweet								
Bursaria incana														
Bursaria lasiophylla														
Bursaria occidentalis			L	8		Box, Bursaria/Native	14	688						
Bursaria spinosa			L	5		Bursaria, Sweet								
Bursera australasica			L	5		Cudgerie, Brown				610			757	
Bythrophleum laboucheri			L	5		Ironwood, Cooktown				920			1220	
Cadellia monostylis			L	5		Ooline, Scrub				730			930	
Cadellia pentastylis			L	5		Ooline				840			1105	
Caldcluvia australiensis			L	5		Alder, Rose				470			575	
Caldcluvia paniculosa			L	5		Alder, Brown				530			655	
Callicoma serratifolia			L	5		Callicoma				470			575	
Callistemon brachyandrus														
Callistemon citrinus														
Callistemon linearis														
Callistemon pallidus														
Callistemon phoenicius			L	8		Bottlebrush, Lesser	5	983						
Callistemon pityoides														
Callistemon pungens														
Callistemon rugulosus														
Callistemon salignus			L	5		Bottlebrush, White				760			975	
Callistemon sieberi														
Callistemon viminalis			L	5		Bottlebrush, Drooping				640			800	
Callitris arenosa			L	5		Pine, Cypress , Coast				550			675	
Callitris baileyi														
Callitris calcarata			L	1		Pine, Cypress, Black	4	591				1	638	
Callitris calcarata			L	5		Pine, Cypress , Black				550			675	
Callitris canescens														
Callitris columellaris			L	2		Pine, Cypress, Northern	28	565	544-586			31	666	646-686
Callitris columellaris			L	2		Pine, Cypress, White	21	609	588-630			21	713	690-736

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
2	932											1								
												1								
												1								
												1								
															1	Goongarrie				
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
															1	Canegrass				
												1								
												1								
												1								
										1										
												1								
29	660	637-683																	1	
21	713	690-736																	1	

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Callitris columellaris			L	5		Pine, Cypress , Coast				550		675	
Callitris columellaris			L	5		Pine, Cypress , Northern				550		675	
Callitris columellaris			L	5		Pine, Cypress , White				550		675	
Callitris cupressiformis			L	5		Pine, Cypress , Dune				450		545	
Callitris drummondii													
Callitris endlicheri			L	5		Pine, Cypress , Black				550		675	
Callitris glauca			L	1		Pine, Cypress, White	15	573	551-595		18	674	651-697
Callitris glauca			L	1	immature	Pine, Cypress, White	347	569	566-572		347	679	675-683
Callitris glauca			L	5		Pine, Cypress , White				550		675	
Callitris glauca			L	6		Pine, Cypress, White	17	574.4	553-596		17	670.4	646-695
Callitris glaucophylla			L	5		Pine, Cypress , White				550		675	
Callitris glaucophylla			L	8		Pine, Cypress, White	8	874					
Callitris gracilis													
Callitris hugelii			L	5		Pine, Cypress , White				550		675	
Callitris intratropica			L	5		Pine, Cypress , Northern				550		675	
Callitris macleayana			L	5		Pine, Cypress , Brush				470		575	
Callitris oblonga													
Callitris preissii	*var. verrucosa*		L	8		Pine, Cypress, Goldfield's	22	792					
Callitris rhomboidea			L	5		Pine, Cypress , Dune				450		545	
Callitris roei													
Callitris tasmanica			L	5		Pine, Cypress , Dune				450		545	
Callitris verrucosa													
Calophyllum australianum			L	5		Touriga, Blush				590		735	
Calophyllum australianum			L	5		Touriga, Blush							
Calophyllum calaba	*var. australianum*		L	5		Touriga, Blush				590		735	
Calophyllum costatum			L	1		Touriga, Red	3	596			3	740	
Calophyllum costatum			L	5		Touriga, Red				590		735	
Calophyllum costatum			L	6		Touriga, Red	4	598.4	537-660		4	726.4	674-778
Calophyllum inophyllum			L	5		Calophyllum, Beach				550		675	
Calophyllum sil			L	5		Touriga, Blush							
Calophyllum tomentosum			L	5		Touriga, Blush				590		735	
Calophyllum touriga			L	5		Touriga, Brown				750		960	
Calothamnus quadrifidus													
Calytrix stipulata													
Camptostemon schultzii													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
16	668	642-694								1	1	1								
347	678	674-682										1								
												1								
											1	1								
												1								
															1	Carmelia				
												1								
												1								
												1								
															1	Officer Basin				
												1								
												1								
												1								
												1								
												1								
3	732											1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Cananga odorata			L	5		Cananga				390		465	
Canarium australasicum			L	5		Cudgerie, Brown				610		757	
Canarium australianum			L	1		Turpentine	4	493			4	586	
Canarium australianum			L	5		Turpentine, Scrub				530		655	
Canarium australianum			L	6		Turpentine, Scrub	10	512	489-535				
Canarium baileyanum			L	1		Cudgerie, Brown	2	482			2	577	
Canarium baileyanum			L	5		Cudgerie, Brown				610		757	
Canarium muelleri			L	5		Turpentine, Scrub				560		690	
Canthium latifolium			L	8		Currant, Native	7	839					
Canthium lineare			L	8		Currant, Native, Narrow-Leaved	3	925					
Canthium odoratum			L	5		Canthium				780		1010	
Capparis arborea			L	5		Orange, Wild				700		885	
Capparis loranthifolia													
Capparis lucida													
Capparis mitchelii													
Capparis mitchellii			L	5		Orange, Wild				700		885	
Capparis nobilis			L	5		Orange, Wild				650		815	
Carallia brachiata			L	1		Mangrove, Freshwater	4	605			4	711	
Carallia brachiata			L	5		Carallia				590		735	
Carallia brachiata			L	6		Mangrove, Freshwater	6	600	569-631				
Carallia integerrima			L	5		Carallia				590		735	
Carallia integerrima			L	6		Mangrove, Freshwater	6	600	569-631				
Carapa moluccensis			L	5		Mangrove, Cedar				500		610	
Carapa obovata			L	5		Mangrove, Cedar				500		610	
Cardwelfia sublimis			L	5		Oak, Silky , Northern				460		560	
Cardwellia sublimis			L	1		Oak, Silky, Northern	12	436	413-459		14	524	496-552
Carnarvonia araliifolia			L	5		Oak, Caledonian				560		690	
Casearia dallachfi			L	6		Casearia, A	4	598.4			4	708.8	559-858
Casearia dallachii			L	5		Birch, Silver				580		720	
Casearia dallachyi			L	1		Birch, Silver	4	585			4	711	
Casearia grayi			L	5		Birch, Silver				580		720	
Casearia multinervosa													
Cassia brewsteri			L	5		Cassia				630		785	
Cassia marksiana			L	5		Cassia							
Cassia tomentella													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
											1									
											1									
4	586																1			
											1									
																	1			
2	570										1									
											1									
											1									
															1	Yakabindie				
															1	Yakabindie				
											1									
											1									
											1									
											1									
4	713																1			
											1									
																	1			
											1									
																	1			
											1									
											1									
											1									
14	522	495-549									1									
											1									
											1									
											1									
4	711										1									
											1									
											1									
											1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Cassine australis														
Cassine australis	*var. australis*		L	5		Boxwood, Blush				670			850	
Cassinia aculeata														
Cassinia longifolia														
Cassinia quinquefaria														
Cassinia trinerva														
Castanospermum australe			L	1		Bean, Black	9	583	546-620			9	711	668-754
Castanospermum australe			L	5		Bean, Black				600			755	
Castanospora alphandi														
Castanospora alphandii			L	5		Tamarind, Brown				570			705	
Casuarina cristata			L	1		Belah	2	950				2	1128	
Casuarina cristata			L	5		Belah				880			1155	
Casuarina cunninghamiana			L	1		Sheoak, River	4	588				4	753	
Casuarina cunninghamiana			L	5		Sheoak, River				700			895	
Casuarina cunninghamii														
Casuarina equisetifolia			L	12		Sheoak, Beach	1	630						
Casuarina equisetifolia	*subsp. incana*		L	5		Sheoak, Western Australian				750			960	
Casuarina fraseriana			L	1		Sheoak, Swamp	5	622	567-677			5	734	674-794
Casuarina glauca			L	5						750			960	
Casuarina glauca			L	12		Sheoak, Flame	4	710	640-780					
Casuarina inophloia			L	1		Sheoak, Flame	3	774				3	907	
Casuarina inophloia			L	5		Sheoak, Flame				740			945	
Casuarina inophloia			L	6		Belah				760	690 - 830	5	979.2	891-1,068
Casuarina lepidophloia			L	5		Sheoak, Black				880			1155	
Casuarina littoralis			L	5		Oak, Bull				610			770	
Casuarina luehmannii			L	5						850			1120	
Casuarina obesa														
Casuarina pauper			L	8		Oak/Belah, Black	7	979						
Casuarina pauper			L	8		Oak, Black	25	1093	1,085-1,101			25	1290	1,282-1,298
Casuarina suberosa			L	1		Sheoak, Black	5	610	597-623					
Casuarina suberosa			L	5		Sheoak, Black				610			770	
Casuarina torulesa			L	1		Sheoak, Rose	4	778				5	947	835-1,059
Casuarina torulosa			L	5		Sheoak, Rose				750			960	
Cathormion umbellatum														
Cedrela australis			L	5		Cedar, Red				380			450	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
9	689	644-734										1								
												1								
												1								
1	1027									1	1									
												1								
4	706											1								
												1								
												1								
												1								
5	718	653-783													1					
												1								
												1								
3	886											1								
												1								
												1								
												1								
												1								
												1								
															1	Kalgoorlie area				
			1321	15	21.0	1.80									1	CALM Como				
5	754	730-778																		
												1								
5	919	796-1,042								1		1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Cedrela mexicana			L	5		Cedar, Red				350			415	
Cedrela odorata			L	5		Cedar, Red				350			415	
Cedrela toona			L	5		Cedar, Red				380			450	
Cedrela toona		*var. australis*	L	5		Cedar, Red				380			450	
Celastrus dispermus			L	5		Boxwood, Orange				740			945	
Celtis paniculata			L	5		Celtis, Silky				570			705	
Celtis philippensis			L	5		Celtis				660			835	
Celtis phillipensis														
Cenarrhenes nitida														
Ceodes umbellifera			L	5		Cabbagewood				300			350	
Ceratopetalum apetalum			L	1		Coachwood	46	492	478-506			50	622	604-640
Ceratopetalum apetalum			L	5		Coachwood				510			625	
Ceratopetalum apetalum			L	6		Coachwood	31	500.8				31	612.8	603-622
Ceratopetalum corymbosum														
Ceratopetalum gummiferum														
Ceratopetalum succirubrum			L	1		Sycamore, Satin	7	517	483-551			7	625	582-668
Ceratopetalum succirubrum			L	5		Sycamore, Satin				510			625	
Ceratopetalum succirubrum			L	6		Sycamore, Satin	2	510.4				7	608	575-641
Ceratopetalum virchowii			L	1		Sycamore, Pink	7	594	561-627			7	719	679-759
Ceratopetalum virchowii			L	5		Sycamore, Pink				600			755	
Ceratopetalum virchowii			L	6		Sycamore, Pink	3	595.2				4	713.6	
Cerbera dilatata			L	5		Milkwood, Grey				430			515	
Cerbera dilatata			L	6		Milkwood, Grey				370	360 - 380	5	441.6	429-454
Cerbera floribunda			L	5		Milkwood, Grey				500			610	
Cerbera inflata			L	5		Milkwood, Grey				430			515	
Cerbera manghas			L	5		Milkwood, Grey								
Ceriops candolleana			L	5		Mangrove, Spurred				790			1025	
Ceriops tagal			L	5		Mangrove, Spurred				790			1025	
Ceriops timorensis			L	5		Mangrove, Spurred				790			1025	
Chariessa moorei			L	5		Beech, Silky				550			675	
Chionanthus ramiflora			L	5		Olive, Northern				690			875	
Chisocheton longistipitatus			L	5		Mahogany, Cream				450			545	
Choretrum candollei														
Choricarpa leptopetala														
Choricarpa subargentea														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm^3)	95% Probability Range for Mean	Green density (g/cm^3)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
49	607	588-626								1										
												1								
										1										
7	623	579-667										1								
												1								
												1								
7	718	679-757										1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Choricarpia leptopetala			L	5		Box, Ironwood							
Choricarpia subargentea			L	5		Box, Ironwood				750		960	
Chrysophyllum antilogum			L	5		Boxwood, Plum				640		810	
Chrysophyllum chartaceum			L	5		Boxwood, Plum				610		770	
Chrysophyllum sp.			L	5		Boxwood, Plum				700		895	
Chtysophyllum pruiniferum			L	5		Siris, Tulip				500		610	
Cinnamomum baileyanum			L	5		Bollywood				460		560	
Cinnamomum laubalitii			L	5		Pepperwood				400		480	
Cinnamomum laubatii			L	1		Pepperwood	6	400	386-414		6	481	452-510
Cinnamomum oliveri			L	1		Camphorwood	7	463	442-484		7	557	527-587
Cinnamomum oliveri			L	5		Camphorwood				460		560	
Cinnamomum tamala			L	5		Pepperwood				400		480	
Cinnamomum virens			L	1		Camphorwood	2	474			2	577	
Cinnamomum virens			L	5		Camphorwood				460		560	
Citriobatus pauciflorus													
Citriobatus spinescens													
Citronella moorei			L	1		Beech, Silky	11	562	547-577		9	718	695-741
Citronella moorei			L	5		Beech, Silky				550		675	
Citronella smythii			L	1		Beech, Silky, Southern	3	554			3	676	
Citronella smythii			L	5		Beech, Silky				550		675	
Citronella smythii			L	6		Beech, Silky, Northern				560	4	694.4	
Claoxylon australe													
Claoxylon tenerifolium													
Cleistanthus cunninghamii													
Cleistocalyx gustavioides			L	5		Satinash, Grey				560		690	
Cleistocalyx operculatus			L	1		Satinash	3	482			3	585	
Cleistocalyx operculatus			L	6		Cleistocalyx, A	8	540.8	518-563				
Cochlospermum fraseri													
Cochlospermum gillivrayaei													
Cocos nucifera			L	1		Palm, Coconut	6	322	253-391		6	376	296-456
Codonocarpus attenuatus			L	5		Bellfruit-Tree				320		385	
Codonocarpus attenuatus			L	6		Bell-Fruit Tree				300		356.8	
Codonocarpus australis			L	5		Bellfruit-Tree				320		385	
Codonocarpus cotinifolius			L	5		Bellfruit-Tree							
Codonocarpus cotinifolius			L	8		Poplar, Native	4	435					

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
6	474	446-502										1								
7	557	524-590								1		1								
												1								
												1								
2	570											1								
												1								
10	668	649-687								1		1								
												1								
3	666											1								
												1								
												1								
												1								
3	585																1			
																	1			
6	376	295-457																		
												1								
												1								
												1								
												1								
															1	Davyhurst				

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Colubrina asiatica											
Commersonia bartramia			L	5		Kurrajong, Brown			410	500	
Commersonia echinata			L	5		Kurrajong, Brown			410	500	
Commersonia fraseri											
Corda subcordata											
Cordia dichotoma			L	5		Cordia			440	530	
Cordia myxa			L	5		Cordia			440	530	
Correa lawrenciana											
Corymbia aparrerinja											
Corymbia aspera											
Corymbia bella											
Corymbia bleeseri											
Corymbia calophylla											
Corymbia candida											
Corymbia capricornia											
Corymbia citriodora											
Corymbia clarksoniana											
Corymbia confertiflora											
Corymbia dolichocarpa											
Corymbia dunlopiana											
Corymbia eremaea											
Corymbia erythrophloia											
Corymbia eximia											
Corymbia ferruginea											
Corymbia ficifolia											
Corymbia foelscheana											
Corymbia grandifolia											
Corymbia gummifera											
Corymbia hamersleyana											
Corymbia intermedia											
Corymbia leichhardtii											
Corymbia maculata											
Corymbia nesophila											
Corymbia opaca											
Corymbia ptychocarpa											

	Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	Abundance (1,2,3,4,5) See Appendix 2
N.S.W.											
Victoria											
Queensland	1	1									
South Australia											
Tasmania											
Western Australia	1	1									
(Ref.within WA)											
Northern Territory											
Australian Capital Territory											
Australia											

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Corymbia terminalis														
Corymbia tesellaris														
Corymbia trachyphloia														
Corymbia tumescens														
Corymbia variegata														
Corynocarpus australasicus			L	5		Cribwood				560			690	
Crotalaria cunninghamii														
Croton acronychioides														
Croton arnhemicus														
Croton habrophyllus														
Croton insularis														
Croton phebalioides														
Croton triacros			L	5		Birch, Spear				500			610	
Croton verreauxii														
Cryptocarya alleniana			L	1		Laurel, Allen's	2	352				2	420	
Cryptocarya bidwillii														
Cryptocarya cinnamomifiolia			L	6		Laurel, White				580	520 - 640	5	726.4	656-797
Cryptocarya cinnamomifolia			L	5		Laurel, Cinnamon				580			720	
Cryptocarya corrugata			L	5		Laurel, Corduroy				640			800	
Cryptocarya cunninghamii			L	5		Laurel, Cunningham's				620			780	
Cryptocarya erythroxylon			L	1		Maple, Rose	5	561	532-590			8	684	661-707
Cryptocarya erythroxylon			L	5		Maple, Rose				560			690	
Cryptocarya foveolata			L	5		Laurel, Small-Leaved				440			530	
Cryptocarya glabella			L	5		Laurel, Poison				560			690	
Cryptocarya glaucescens			L	1		Sycamore, Silver	9	509	478-540			9	636	596-676
Cryptocarya hypoglauca			L	5		Laurel, Northern				610			770	
Cryptocarya hypospodia			L	5		Laurel, Northern				550			675	
Cryptocarya laevigata														
Cryptocarya mackinnoniana			L	1		Laurel, Rusty-Leaved	3	718				3	886	
Cryptocarya mackinnoniana			L	5		Laurel, Northern Rivers				690			880	
Cryptocarya mackinnoniana			L	6		Laurel, Rustyleaved	3	728				5	878.4	824-933
Cryptocarya meisneriana			L	5		Laurel, Northern								
Cryptocarya meissneri			L	5		Sycamore, Silver				520			640	
Cryptocarya microneura			L	5		Laurel, Murrogun				640			800	
Cryptocarya moretoniana			L	5		Sycamore, Silver				520			640	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
2	418											1								
												1								
												1								
												1								
												1								
8	670	644-696								1		1								
												1								
												1								
												1								
8	625	578-672								1		1								
												1								
												1								
3	883											1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Cryptocarya multicostata			L	5		Walnut, White				520		640	
Cryptocarya oblata			L	1		Silkwood, Bolly	5	452	417-487		5	561	514-608
Cryptocarya oblata			L	5		Silkwood, Bolly				460		560	
Cryptocarya obovata			L	1		Walnut, White	4	517			5	626	575-677
Cryptocarya obovata			L	5		Walnut, White				520		640	
Cryptocarya obovata	*var. tropica*		L	5		Laurel, Northern				550		675	
Cryptocarya palmerstonii			L	5		Walnut, Queensland				560		690	
Cryptocarya patentinervis			L	5		Maple, Rose				580		720	
Cryptocarya pleurosperma			L	1		Walnut, Poison	3	562			3	702	
Cryptocarya pleurosperma			L	5		Laurel, Poison				560		690	
Cryptocarya rigida			L	5		Maple, Rose				580		720	
Cryptocarya sp.	*aff. glaucescens*		L	5		Laurel, Bolly				530		655	
Cryptocarya sp.	*aff. C. cinnamomifolia*		L	5		Laurel, Cinnamon				560		700	
Cryptocarya sp.			L	5		Laurel, Coconut				600		755	
Cryptocarya sp.	*aff. C. corrugata*		L	5		Laurel, Corduroy				640		800	
Cryptocarya sp.	*aff. C. hypospodia*		L	5		Laurel, Northern				610		770	
Cryptocarya subtriplinervis			L	5		Walnut, Brown				590		735	
Cryptocarya triplinervis			L	5		Laurel, Brown				600		755	
Cryptocatya angulata			L	5		Laurel, Ivory				600		755	
Cupania foveolata			L	5		Tamarind, White							
Cupania lucens			L	5		Turnipwood				540		665	
Cupania pseudorhus			L	5		Tamarind, Pink				630		785	
Cupania xylocarpa			L	5		Tamarind, White				610		770	
Cupaniopsis anacardioides			L	5		Tamarind, Green-Leaved				750		970	
Cupaniopsis anacardioides	*var. parvifolia*		L	5		Tamarind, Green-Leaved				660		835	
Cupaniopsis foveolata			L	5		Tamarind, White							
Cupaniopsis parvifolia			L	5		Tamarind, Green-Leaved				660		835	
Cuttsia viburnea													
Cyathodes glauca													
Cyathodes juniperina													
Dacrydium franklinii			L	1		Pine, Huon	2	449			7	543	509-577
Daphnandra aromatica			L	5		Sassafras				460		560	
Daphnandra dielsii			L	5		Sassafras				550		675	
Daphnandra micrantha			L	1		Sassafras	4	537			4	658	
Daphnandra micrantha			L	5		Sassafras				530		655	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm^3)	95% Probability Range for Mean	Green density (g/cm^3)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
5	554	507-601										1								
												1								
5	609	532-686										1								
												1								
												1								
												1								
												1								
3	680											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
7	537	501-573												1						
												1								
												1								
4	646									1		1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Daphnandra repandula			L	5		Sassafras				550			675	
Daphnandra sp.			L	1		Sassafras	5	481	433-529			5	596	530-662
Daphnandra sp.			L	2		Sassafras, Northern	10	474				10	577	
Darlingia darlingiana			L	5		Oak, Silky , Brown				610			770	
Darlingia ferruginea			L	1		Oak, Silky, Rose	3	490				3	586	
Darlingia ferruginea			L	5		Oak, Silky , Rose				500			610	
Darlingia ferruginea			L	6		Oak, Silky, Brown	1	521.6				6	598.4	475-721
Darlingia spectatissima			L	1		Oak, Silky, Rose	6	602	552-652			6	753	687-819
Darlingia spectatissima			L	5		Oak, Silky , Brown				610			770	
Darlingia spectatissima			L	6		Oak, Silky	3	644.8				5	798.4	749-848
Darlingia spectatissima		*var. ferruginea*	L	5		Oak, Silky , Rose				500			610	
Daviesia latifolia														
Daviesia mimosoides														
Decaspermum fruticosum			L	5		Myrtle, Brown				650			815	
Decaspermum humile			L	5		Myrtle, Brown				650			815	
Dendrocnide excelsa			L	5		Stingingtree, Giant				210			240	
Dendrocnide moroides														
Dendrocnide photiniphylla														
Dendrocnide photinophylla			L	5		Stingingtree, Shining-Leaved				210			240	
Dendrolobium umbellatum														
Denhamia oleaster														
Denhamia pittosporoides														
Deplanchea tatraphylla			L	5		Bignonia				410			495	
Deplanchea tetraphylla			L	1		Bignonia	3	410				3	493	
Diatoma brachiata			L	5		Carallia				590			735	
Dichrostachys spicata														
Didymocheton rufum			L	5		Mahogany, Rusty				520			640	
Dillenia alata			L	5		Beech, Red				520			640	
Dillenia alata			L	6		Beech, Red				520		4	638.4	
Diospyros australis			L	5		Persimmon, Grey				590			735	
Diospyros fasciculosa			L	5		Ebony, Australian				690			880	
Diospyros ferrea		*var. humilis*	L	5		Ebony, Australian				940			1250	
Diospyros ferrea		*var. reticulata*	L	5		Ebony, Australian				890			1175	
Diospyros humilis														
Diospyros pentamera			L	1		Persimmon, Grey	11	569	542-596			13	730	693-767

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
5	589	523-655										1								
10	575																		1	
												1								
3	581											1								
												1								
												1								
6	750	689-811										1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	485											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
13	711	675-747								1		1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Diospyros pentamera			L	5		Persimmon, Grey				590			735	
Diplanchea tetraphylla			L	6		Bignonia	4	416				5	497.6	477-518
Diplanthera tetraphylla			L	5		Bignonia				490			595	
Diplanthera tetraphylla			L	6		Bignonia	4	416				5	497.6	477-518
Diploglottis australis			L	1		Tamarind	7	555	505-605			7	695	
Diploglottis australis			L	5		Tamarind				640			800	
Diploglottis bracteata			L	5		Tamarind				770			995	
Diploglottis cunninghamii			L	5		Tamarind				640			800	
Diploglottis diphyllostegia														
Diselma archeri														
Dissilaria baloghioides			L	1		Red-Heart	3	811				3	1015	
Dissiliaria baloghioides			L	6		Heart, Red	1	875.2				3	939.2	
Dissillaria baloghioides			L	5		Redheart				770			995	
Dodonaea filifolia														
Dodonaea platyptera														
Dodonaea stenophylla														
Dodonaea viscosa														
Dolichandrone heterophylla														
Doryphora aromatica			L	5		Sassafras				460			560	
Doryphora sassafras			L	1		Sassafras	26	485	469-501			28	589	569-609
Doryphora sassafras			L	5		Sassafras				490			595	
Doryphora sassafras			L	6		Sassafras	22	486.4	471-502			33	595.2	580-610
Drimys semecarpoides			L	5		Beech, Winter				490			595	
Drimys semecarpoides			L	6		Pepper-Tree, Australian				440	400 - 480	5	536	491-581
Dryadodaphne novoguineensis			L	5		Sassafras, Grey				450			545	
Dryadodaphne sp.			L	5		Sassafras, Grey								
Dryadodaphne trachyphloia			L	5		Sassafras, Grey								
Dryandra arborea			L	8		Dryandra, Yilgam	7	939						
Dryandra formosa														
Dryandra sessilis														
Drymophloeus normanbyi			L	5		Palm*, Black				790			1025	
Drypetes australasica			L	5		Greyboxwood				720			915	
Drypetes deplanchei														
Drypetes lasiogyna		*var. australasica*	L	5		Greyboxwood				720			915	
Duboisia hopwoodii														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
7	672									1		1								
												1								
												1								
												1								
3	983											1								
												1								
												1								
												1								
26	586	565-607								1		1								
												1								
										1										
												1								
												1								
												1								
												1								
												1								
															1	Jaurdi				
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Duboisia leichhardtii														
Duboisia myoporoides			L	1		Basswood, Yellow	3	375				3	457	
Duboisia myoporoides			L	5		Duboisia				380			450	
Dubosia hopwoodii			L	8		Pituri	3	1074						
Dysoxylum cerebriforme			L	5		Mahogany, Miva				510			625	
Dysoxylum decandrum			L	5		Mahogany, Ivory				610			770	
Dysoxylum fraseranum			L	1		Mahogany, Rose	14	591	576-606			15	708	688-728
Dysoxylum fraserianum			L	5		Mahogany, Rose				570			705	
Dysoxylum gaudichaudianum			L	5		Mahogany, Ivory				610			770	
Dysoxylum klanderi			L	5		Mahogany, Buff				740			945	
Dysoxylum latifolium														
Dysoxylum micranthum			L	5		Mahogany, Spicy				590			735	
Dysoxylum mollissimum														
Dysoxylum muelleri			L	1		Mahogany, Miva	4	535				5	639	578-700
Dysoxylum muelleri			L	5		Mahogany, Miva				520			640	
Dysoxylum oppositifollum			L	5		Mahogany, Pink				690			880	
Dysoxylum papuanum			L	5		Mahogany, Spicy				590			735	
Dysoxylum pettigrewianum			L	1		Mahogany, Spur	4	690				4	863	
Dysoxylum pettigrewianum			L	5		Mahogany, Spur				680			865	
Dysoxylum rufum			L	5		Mahogany, Rusty				520			640	
Dysoxylum schffneri			L	5		Mahogany, Yellow				590			735	
Dysoxylum sp.		*aff. D. Klanderi*	L	5		Mahogany, Buff				640			800	
Echinocarpus australis			L	5		Alder, Blush				510			625	
Ehretia acuminata			L	1		Ash, Silky	5	493	452-534			5	618	573-663
Ehretia acuminata			L	5		Ash, Silky				500			610	
Ehretia acuminata		*var. pyrifolia*	L	5		Ash, Silky				500			610	
Ehretia membranifolia														
Ehretia saligna														
Elaeocarpus angustifolius			L	5		Quandong, Silver				410			495	
Elaeocarpus arnhemicus			L	5		Quandong, Arnhem Land				600			755	
Elaeocarpus bancroftfi			L	5		Quandong, Kuranda				700			895	
Elaeocarpus coorangooloo			L	5		Quandong, Brown				500			610	
Elaeocarpus cyaneus			L	5		Quandong, Ash				590			735	
Elaeocarpus eumundi			L	5		Quandong, Brown-Hearted				650			815	
Elaeocarpus foveolatus			L	1		Quandong, Northern	2	316				2	373	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
3	453									1		1								
												1								
															1	Mt Elvire				
												1								
												1								
15	698	678-718								1		1								
												1								
												1								
												1								
												1								
5	634	573-695										1								
												1								
												1								
												1								
4	836											1								
												1								
												1								
												1								
												1								
												1								
5	583	538-628								1		1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
2	370											1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Elaeocarpus foveolatus			L	5		Quandong, Northern				350		415	
Elaeocarpus foveolatus			L	6		Quandong, White				350	3	414.4	
Elaeocarpus grandis			L	1		Quandong, Silver	26	394	380-408		27	469	452-486
Elaeocarpus grandis			L	5		Quandong, Silver				410		495	
Elaeocarpus grandis			L	6		Quandong, Silver	27	419.2	406-432		28	491.2	476-506
Elaeocarpus holopetalus													
Elaeocarpus johnsonii			L	5		Quandong, Kuranda				550		675	
Elaeocarpus kirtonii			L	5		Quandong, Brown-Hearted				550		675	
Elaeocarpus largiflorens			L	1		Quandong, Tropical	6	380	355-405		6	453	422-484
Elaeocarpus largiflorens			L	5		Quandong, Tropical				380		450	
Elaeocarpus largiflorens			L	6		Quandong, Tropical	3	420.8			6	462.4	406-519
Elaeocarpus longifolius			L	5		Quandong, Brown-Hearted				550		675	
Elaeocarpus obovatus			L	5		Quandong, Hard				570		705	
Elaeocarpus obovatus		*var. foveolatus*	L	5		Quandong, Arnhem Land				600		755	
Elaeocarpus reticulatus			L	5		Quandong, Ash				590		735	
Elaeocarpus ruminatus			L	5		Quandong, Brown				460		560	
Elaeocarpus sericopetalus			L	5		Quandong, Hard				600		755	
Elaeodendron australe			L	5		Boxwood, Blush				670		850	
Elattostachys xylocarpa			L	5		Tamarind, White				610		770	
Embothrium pinnatum			L	5		Oak, Dorrigo							
Embothrium wickhami			L	1		Oak, Satin	5	475	325-625		5	594	
Embothrium wickhami			L	5		Oak, Satin				440		530	
Emmenosperma alphitonioides			L	1		Almond, Yellow	4	685			4	856	
Emmenosperma alphitonioides			L	5		Bonewood				680		865	
Emmenosperma cunninghamii													
Endiandra acuminata			L	5		Walnut, Brown				590		735	
Endiandra bancroftii			L	5		Walnut, Yellow				520		640	
Endiandra compressa			L	1		Greenheart, Queensland	5	799	783-815		5	1009	974-1,044
Endiandra compressa			L	5		Greenheart, Queensland				770		995	
Endiandra cowleyana			L	5		Walnut, Rose				610		770	
Endiandra crassiflora			L	1		Walnut, Southern	2	638			2	791	
Endiandra crassiflora			L	5		Walnut, Dorrigo				630		785	
Endiandra dichrophylla			L	5		Walnut, Candle				640		800	
Endiandra dichrophylla			L	6		Walnut, Rose				650	3	816	
Endiandra discolor			L	1		Walnut, Rose	3	548			3	662	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
27	466	450-482								1		1								
												1								
												1								
												1								
												1								
6	452	421-483										1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
5	574									1										
												1								
4	829											1								
												1								
												1								
												1								
5	1001	962-1,040										1								
												1								
												1								
2	785											1								
												1								
												1								
												1								
3	646									1		1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Endiandra discolor			L	5		Walnut, Rose				610			770	
Endiandra glauca			L	5		Walnut, Candle				510			625	
Endiandra globosa			L	5		Waddywood				720			915	
Endiandra hypotephra			L	5		Walnut, Rose				590			735	
Endiandra longipedicellata			L	5		Walnut, Buff				760			975	
Endiandra montana			L	5		Walnut, Candle				570			705	
Endiandra muelleri			L	5		Walnut, Rose				610			770	
Endiandra palmerstoni			L	1		Walnut, Queensland	13	570	547-593			14	682	657-707
Endiandra palmerstonii			L	5		Walnut, Queensland				560			690	
Endiandra pubens			L	5		Walnut, Hairy				600			755	
Endiandra rubescens			L	5		Walnut, Candle				570			705	
Endiandra sankeyana			L	5		Walnut, Sankey's				600			755	
Endiandra sieberi			L	5		Walnut, Pink				580			720	
Endiandra sp.			L	5		Walnut, Saffron				730			930	
Endiandra sp.			L	5		Waddywood				550			675	
Endiandra sp.			L	5		Walnut, Buff				640			800	
Endiandra sp.	*aff. E. glandulosa*		L	5		Walnut, Candle				600			755	
Endiandra sp.	*aff. E. muelleri*		L	5		Walnut, Rose				610			770	
Endiandra subtriplinervis			L	5		Walnut, Brown				590			735	
Endiandra tooram			L	5		Walnut, Candle				670			850	
Endiandra tooram			L	6		Walnut, A				670	630 - 710	6	849.6	795-904
Endospermum myrmecophilum			L	5		Endospermum				360			435	
Endospermum peltatum			L	5		Endospermum				400			480	
Eremocitrus glauca														
Eremophila bignoniiflora														
Eremophila deserti														
Eremophila fraseri			L	8		Bush, Turpentine	4	717				4	852	
Eremophila fraseri			L	8		Turpentine	7	1036						
Eremophila interstans			L	8		Broombush	8	941						
Eremophila latrobei														
Eremophila longifolia			L	8		Berrigan	18	817						
Eremophila miniata			L	8		Bush, Poverty, Kopi	6	694						
Eremophila mitchellii			L	4		Sandalbox	10	845	791-899			10	1051	1,006-1,096
Eremophila mitchellii			L	5		Sandalbox				790			1025	
Eremophila oldfieldii			L	8		Bush, Pixie	3	894						

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
											1									
											1									
											1									
											1									
											1									
											1									
											1									
14	678	653-703									1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
			955		33.1										1	CALM				
															1	Yakabindie				
															1	Victoria Rocks				
															1	Adelong				
															1	Black Flag Lake				
			1110	25	20.4	2.00					1									
											1									
															1	Broadarrow				

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eremophila oppositifolia													
Erimophila oldfieldii			L	8		Bush, Pixie	8	708	686-730		8	851	820-882
Eriostemon myoporoides													
Eriostemon trachyphyllus													
Erythrina vespertilio			L	5		Corduroy				160		190	
Erythrophleum chlorostachys			L	5		Ironwood, Cooktown				920		1220	
Erythrophloem chlorostachys			L	1		Ironwood, Cooktown	4	1009			4	1185	
Erythrophloeum chlorostachys			L	6		Ironwood, Cooktown	5	1035.2	985-1,085				
Erythrophloeum laboucherfl			L	6		Ironwood, Cooktown	5	1035.2	985-1,085				
Erythroxylum australe													
Erythroxylum ecarinatum			L	5		Plum, Brown				740		945	
Erythroxylum ellipticum			L	5		Plum, Brown				770		995	
Eucalyptopsis sp.			L	5		Satinash, Rose				560		690	
Eucalyptus abergiana			L	5		Bloodwood, Range				700		895	
Eucalyptus accedens			L	3		Wandoo, Powderbark	8	896					
Eucalyptus acmenoides			L	5		Mahogany, White				780		1010	
Eucalyptus agglomerata			L	1		Stringybark, Blue-Leaved	3	602					
Eucalyptus alba			L	1		Gum, Poplar	8	838	799-877		8	1045	
Eucalyptus alba			L	6		Gum, Poplar	2	908.8			4	1072	
Eucalyptus alba			L	12		Gum, Poplar	1	830					
Eucalyptus alba	*var. alba*		L	5		Gum, Poplar				800		1040	
Eucalyptus albens			L	1		Box, White	3	900			11	1112	1,083-1,141
Eucalyptus albens			L	5		Box, White				850		1110	
Eucalyptus albens			L	6		Box, White	4	915.2	868-963		4	1120	1,084-1,156
Eucalyptus amplifolia			L	1		Gum, Cabbage	10	738	705-771				
Eucalyptus amplifolia			L	5		Gum, Cabbage							
Eucalyptus amygdalina			L	1		Peppermint, Black	5	594	503-685		5	753	604-902
Eucalyptus andrewsii			L	1		Ash, New England	12	700	674-726		12	879	837-921
Eucalyptus andrewsii			L	2		Blackbutt, New England	6	643	581-705		6	848	766-930
Eucalyptus andrewsii			L	7		Ash, New England	12	699.2	672-726		12	878.4	852-905
Eucalyptus andrewsii	*ssp. andrewsii*		L	5		Blackbutt, New England				690		880	
Eucalyptus andrewsii	*ssp. campanulata*		L	5		Blackbutt, New England				750		960	
Eucalyptus annulata			L	8		Mallee, Open-Fruited	25	959					
Eucalyptus arachnaea													
Eucalyptus argillacea			L	5		Box, Grey , Northern							

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
			1056	37	49.4	5.50									1	CALM				
												1								
												1								
4	1184																1			
																	1			
															1					
												1								
												1								
												1								
												1								
												1								
										1										
8	1014											1								
												1								
												1								
												1								
11	1091	1,064-1,118									1									
												1								
											1									
										1										
												1								
5	689	555-823												1						
										1										
6	788	688-888																	1	
												1								
												1								
												1								
															1	"30 km N Norseman,"				
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus argophloia			L	5		Gum, White , Western				810			1055	
Eucalyptus aromaphloia														
Eucalyptus aspera			L	5		Gum, Range , Brittle								
Eucalyptus astringens			L	1		Mallet, Brown	14	770	754-786			14	974	953-995
Eucalyptus astringens			L	6		Mallet, Brown	12	811.2	780-842			11	1012.8	985-1,041
Eucalyptus astringens			L	11	plantation (45 y.o.)		11	818.7048986	787-901					
Eucalyptus australiana			L	1		Peppermint, Narrow-Leaved	16	593	578-608			25	822	783-861
Eucalyptus australiana			L	6		Peppermint, Narrow-Leaved	15	590.4	571-609			13	804.8	770-840
Eucalyptus baileyana			L	3		Stringybark, Baliley's	5	752						
Eucalyptus baileyana			L	5		Stringybark, Baileys				770			995	
Eucalyptus bancrofti			L	1		Gum, Red, Forest	12	737	701-773					
Eucalyptus bancroftii			L	5		Gum, Red , Bancrofts				720			920	
Eucalyptus baueriana			L	1		Box, Fuzzy	6	732	644-820					
Eucalyptus baueriana			L	5		Box, Blue				720			915	
Eucalyptus baxteri			L	1		Stringybark, Brown	12	617	583-651			15	838	788-888
Eucalyptus baxteri			L	6		Stringybark, Brown	20	609.6	584-635			20	820.8	786-855
Eucalyptus baxteri			L	10	regrowth	Stringybark, Brown		562						
Eucalyptus behriana														
Eucalyptus bicolor			L	5		Box, Black				830			1090	
Eucalyptus bicostata			L	6		Gum, Blue, Southern	18	732.8	710-756			18	972.8	932-1,014
Eucalyptus bigalerita														
Eucalyptus blakelyi			L	3		Gum, Red, Forest	4	736						
Eucalyptus blakelyi		*ssp. blakelyi*	L	5		Gum, Red , Forest				810			1055	
Eucalyptus blaxlandi			L	1		Stringybark, Brown	3	593						
Eucalyptus bloxsomei			L	5		Yellowjacket				680			865	
Eucalyptus bosistoana			L	1		Box, Grey, Coast	10	875	845-905			21	1110	1,087-1,133
Eucalyptus bosistoana			L	6		Box, Grey, Coast	9	894.4	874-915			9	1115.2	1,096-1,134
Eucalyptus botryoides			L	1		Mahogany, Southern	13	708	687-729			21	919	891-947
Eucalyptus botryoides			L	6		Mahogany, Southern	13	720	700-740			13	916.8	897-937
Eucalyptus botryoides			L	9		Mahogany, Southern		639						
Eucalyptus brassiana			L	5		Gum, Brassiana				800			1040	
Eucalyptus brassiana			L	12		Gum, Brassiana	1	780						
Eucalyptus bridgesiana			L	1		But But	5	711	621-801			5	979	875-1,083
Eucalyptus bridgesiana			L	5		But-But				770			995	
Eucalyptus bridgesiana			L	6		But But	10	736	703-769			7	1016	941-1,091

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
14	948	928-968													1					
															1					
			1122.018227	30.90208445	37.2	3.71					1									
25	727	702-752								1	1									
											1									
												1								
										1										
												1								
										1	1									
												1								
15	791	736-846									1		1							
											1									
										1	1									
												1								
											1									
												1								
										1										
												1								
21	1084	1,062-1,106								1	1									
											1									
21	875	850-900								1	1									
										1	1									
										1	1									
												1								
												1								
5	883	774-992									1									
												1								
											1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus brockwayi			L	8		Mahogany, Dundas	2	1127						
Eucalyptus brockwayi			L	8		Mahogany, Dundas	5					5		
Eucalyptus brownii			L	5		Box, Brown's				890			1180	
Eucalyptus caleyi			L	5		Ironbark, Caley's				830			1090	
Eucalyptus calophylla			L	1		Marri	4	663				9	855	775-935
Eucalyptus calophylla			L	6		Marri	7	651.2	583-719			7	796.8	724-870
Eucalyptus calycogona			L	8		Mallee, Square-Fruited	12	1079						
Eucalyptus camaldulensis			L	1		Gum, Red, River	16	710	674-746			20	913	889-937
Eucalyptus camaldulensis			L	5		Gum, Red , River				700			895	
Eucalyptus camaldulensis			L	6		Gum, Red, River	12	691.2	661-722			32	892.8	875-911
Eucalyptus camaldulensis			L	8		Red Gum, River	4	879						
Eucalyptus cambageana			L	1		Box, Coowarra .	5	940	908-972			5	1145	1,109-1,181
Eucalyptus cambageana			L	5		Box, Brush				860			1135	
Eucalyptus cambageana			L	6		Box, Coowarra				870	860 - 880	5	1142.4	1,127-1,158
Eucalyptus camei			L	8		Blackbutt, Carne's	3	1112						
Eucalyptus campanulata			L	1		Stringybark, Peppermint	12	708	683-733			12	886	846-926
Eucalyptus campanulata			L	5		Blackbutt, New England				750			960	
Eucalyptus campanulata			L	6		Peppermint, Stringybark	12	699.2	672-726			12	878.4	835-922
Eucalyptus campaspe			L	1		Gimlet, Silver-Topped	7	844	818-870					
Eucalyptus camphora														
Eucalyptus camyaspe			L	8		Gimlet, Silver	2	1082						
Eucalyptus capillosa			L	8		Wandoo, Inland	7	1118						
Eucalyptus capitellata			L	3		Stringybark, Brown	3	752						
Eucalyptus capitellata			L	6		Stringybark, Brown	20	609.6	584-635			20	820.8	786-855
Eucalyptus carnea			L	1		Mahogany, White	27	744	730-758			18	956	924-988
Eucalyptus carnea			L	5		Mahogany, White				780			1010	
Eucalyptus celastroides			L	8		And Rattle, Snap	2	1127						
Eucalyptus cephalocarpa														
Eucalyptus ceratocorys			L	8		Mallee, Ridge-Fruited, Goldfields	2	1126						
Eucalyptus chippendalei			L	8		Bloodwood, Sand-Dune	12	983						
Eucalyptus cinerea			L	1		Stringybark, Mealy	8	657	602-712					
Eucalyptus citriodora			L	3		Gum, Lemon-Scented	3	800						
Eucalyptus citriodora			L	5		Gum, Spotted				780			1010	
Eucalyptus cladocalyx			L	1		Gum, Sugar,	1	753				5	1105	1,028-1,182
Eucalyptus cladocalyx			L	11	plantation	Gum, Sugar,	10	758.4959799	592-925					

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Norseman				
			1261	36											1	Kalgoorlie College				
												1								
												1								
9	835	757-913													1					
					80.6										1					
															1	Victoria Rocks area				
20	854	822-886								1	1	1								
												1								
											1	1								
															1	Sullivan's Creek				
5	1136	1,100-1,172										1								
												1								
												1								
															1	40 km S Leinster				
12	870	833-907								1										
												1								
										1										
															1					
															1	Coolgardie				
															1	Jaurdi				
											1									
18	947	914-980								1		1								
												1								
															1	Kalgoorlie area				
															1	Officer Basin				
															1	Carnarvon Range				
										1	1									
												1								
5	1035	883-1,187									1									
			1135.558072	54.66231493	50.4	8.39					1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus clavigera			L	1	(30 y.o.)	Gum, Apple	4	803				4	1005	
Eucalyptus clavigera			L	5		Carbeen, Broad-Leaved				750			960	
Eucalyptus clelandii			L	8		Blackbutt, Cleland's	25	973	963-983			25	1132	1,116-1,148
Eucalyptus clelandii			L	8		Blackbutt, Cleland's	25	1114						
Eucalyptus cloeziana			L	1		Messmate, Gympie	10	806	772-840			10	996	952-1,040
Eucalyptus cloeziana			L	5		Messmate, Gympie				780			1010	
Eucalyptus cloeziana			L	6		Messmate, Gympie	10	811.2	779-843			10	979.2	935-1,024
Eucalyptus comitae-vallis														
Eucalyptus concinna			L	8		Mallee, Desert, Victoria	9	1065						
Eucalyptus conferruminata														
Eucalyptus confertiflora			L	3		Carbeen, Broad-Leaved	1	768						
Eucalyptus confertiflora			L	5		Carbeen, Broad-Leaved				720			915	
Eucalyptus conica			L	5		Box, Fuzzy				820			1075	
Eucalyptus consideniana			L	1		Yertchuk	14	710	688-732			24	939	914-964
Eucalyptus consideniana			L	6		Yertchuk	16	724.8	702-748			16	932.8	908-958
Eucalyptus coolabah			L	1		Coolibah, Western	7	887	848-926					
Eucalyptus coolabah			L	5		Coolibah				880			1155	
Eucalyptus cornuta			L	1		Yate	9	860	838-882			6	1100	1,073-1,127
Eucalyptus corrugata			L	8		Mallee, Rib-Fruited	3	1146						
Eucalyptus corymbosa			L	5		Bloodwood, Red				780			1010	
Eucalyptus crebra			L	5		Ironbark, Red, Narrow-Leaved				830			1090	
Eucalyptus crenulata														
Eucalyptus cullenii			L	5		Ironbark, Cullen's				860			1135	
Eucalyptus cylindrocarpa			L	8		Mallee, Woodline	13	1108						
Eucalyptus cypellocarpa			L	1		Gum, Grey, Mountain	16	666	641-691			28	873	844-902
Eucalyptus cypellocarpa			L	9		Gum, Grey, Mountain		600						
Eucalyptus cypellocarpa			L	10		Gum, Grey, Mountain		616						
Eucalyptus dalrympleana			L	1	regrowth	Gum, Mountain	6	532	490-574			14	689	642-736
Eucalyptus dalrympleana			L	6		Gum, Mountian	4	577.6	497-658			3	777.6	
Eucalyptus dealbata			L	1		Gum, Silver	13	774	725-823			13	996	
Eucalyptus dealbata			L	5		Gum, Tumbledown				770			995	
Eucalyptus deanei			L	1		Gum, Round-Leaved	7	609	548-670					
Eucalyptus deanei			L	5		Gum, Round-Leaved				610			770	
Eucalyptus decepta			L	5		Ironbark, Grey				840			1105	
Eucalyptus decipiens														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
4	973																1			
												1								
			1217	18	25.1	1.90									1	CALM Como				
															1	Bullabulling				
10	988	944-1,032										1								
												1								
												1								
															1	Goongarrie				
												1								
												1								
24	883	856-910								1	1									
										1	1									
										1		1					1			
												1								
6	1059	1,033-1,085													1					
															1	Koolyanobbing				
												1								
												1								
												1								
															1	1 Boorabbin				
28	807	780-834								1	1									
										1	1									
										1	1									
14	630	592-668								1	1								1	
											1									
13	935											1								
												1								
										1										
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus decorticans			L	1		Ironbark, Gumtop	2	918				2	1142	
Eucalyptus decorticans			L	5		Ironbark, Gum-Topped				830			1090	
Eucalyptus decorticans			L	6		Ironbark, Gum-Top				900		4	1196.8	
Eucalyptus delegatensis			L	1		Ash, Alpine	41	511	499-523			47	663	482-844
Eucalyptus delegatensis			L	6		Ash, Alpine	49	536	525-547			28	688	663-713
Eucalyptus dichromophloia			L	5		Bloodwood, Gum-Topped				800			1040	
Eucalyptus diptera			L	8		Gimlet, Two-Winged	5	1016						
Eucalyptus diversicolor			L	1		Karri	35	695	686-704			35	905	891-919
Eucalyptus diversicolor			L	6		Karri	26	694.4	684-705			21	910.4	896-925
Eucalyptus diversifolia														
Eucalyptus dives			L	1		Peppermint, Broad-Leaved	9	610	571-649			19	811	785-837
Eucalyptus dives			L	1		Peppermint, Broad-Leaved	7	557	523-591			7	799	724-874
Eucalyptus dives			L	6	17-25 y.o.	Peppermint, Broad Leaved	8	643.2	609-677			8	848	803-893
Eucalyptus drepanophylla			L	5		Ironbark, Grey				840			1105	
Eucalyptus drepanophylla			L	6		Ironbark, Grey, Queensland	15	902.4	888-917			21	1102.4	1,085-1,120
Eucalyptus drummondii														
Eucalyptus dumosa														
Eucalyptus dundasii			L	8		Blackbutt, Dundas	2	1098						
Eucalyptus dunnii			L	1		Ash, Killarney	10	625	580-670			10	759	
Eucalyptus dunnii			L	5		Gum, White , Dunn's				640			800	
Eucalyptus ebbanoensis			L	8		Mallee, Sandplain	2	1044						
Eucalyptus ebbanoensis			L	?		Mallee, Sandplain	2	720						
Eucalyptus elaeophora			L	6		Box, Long Leaved	7	756.8	720-794			6	985.6	941-1,030
Eucalyptus elata														
Eucalyptus eremicola			L	8			2	1022						
Eucalyptus eremophila														
Eucalyptus eremophilaltenera			L	8		Mallee, Sand	2	1067						
Eucalyptus erythocorys			L	3		Illyarie	1	704						
Eucalyptus erythrocorys														
Eucalyptus erythronema			L	8		Mallee, Red-Flowered	2	1036						
Eucalyptus erythrophloia			L	5		Bloodwood, Gum-Topped				800			1040	
Eucalyptus eucentrica														
Eucalyptus eudesmoides			L	3		Myallie	1	608						
Eucalyptus eugenioides			L	5		Stringybark, White				780			1010	
Eucalyptus eugenioides			L	6		Stringybark, White	40	670.4	657-684			37	868.8	851-886

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
2	1136											1								
												1								
												1								
74	655	506-804								1	1									
										1	1			1						
												1								
															1	Kalg Arboretum				
35	886	872-900													1					
												1								
19	738	711-765								1	1									
7	703	649-757								1										
											1									
												1								
												1								
															1	Norseman				
10	743											1								
												1								
															1	Goongarrie				
											1									
															1	Leinster				
															1	Victoria Rocks area				
															1	Carrahin				
												1								
												1								
											1	1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus ewartiana			L	8		Mallee, Ewart's	10	1048						
Eucalyptus eximia			L	1		Bloodwood, Yellow	10	714	689-739					
Eucalyptus exserta			L	5		Peppermint, Queensland				780			1010	
Eucalyptus falcata														
Eucalyptus fastigata			L	1		Barrel, Brown	3	561				10	738	696-780
Eucalyptus fastigata			L	2		Barrel, Brown	7	599	557-641			7	762	696-828
Eucalyptus fastigata			L	6		Barrel, Brown	4	555.2	454-657			4	716.8	543-891
Eucalyptus fastigata			L	9		Barrel, Brown		577						
Eucalyptus fergusoni			L	1		Ironbark, Grey	8	905	875-935			8	1110	1,087-1,133
Eucalyptus fibrosa														
Eucalyptus fibrosa	*ssp. nubila*		L	5		Ironbark, Blue-Leaved								
Eucalyptus fibrosa	*ssp. fibrosa*		L	5		Ironbark, Red, Broad-Leaved				850			1120	
Eucalyptus flavida			L	8		Mallee, Yellow-Flowered	5	1059						
Eucalyptus flocktoniae			L	8		Merrit	5	1145	1,089-1,201			5		
Eucalyptus flocktoniae			L	8		Merrit	3	1074						
Eucalyptus formanii			L	8			25	1115						
Eucalyptus forrestiana														
Eucalyptus fraxinoides			L	1		Ash, White	8	480	448-512			8	600	
Eucalyptus gamophylla			L	3			1	656						
Eucalyptus gillenii														
Eucalyptus globoidea			L	1		Stringybark, White	30	652	635-669			41	856	836-876
Eucalyptus globoidea			L	6		Stringybark, White	40	670.4	657-684			37	868.8	851-886
Eucalyptus globoidea			L	9		Stringybark, White		643						
Eucalyptus globoidea			L	10		Stringybark, White		608						
Eucalyptus globulus			L	1	regrowth	Gum, Blue, Southern.	2	662				2	0.923	
Eucalyptus globulus			H	14		Gum, Blue, Southern.	30	482-547						
Eucalyptus globulus			L	1		Gum, Blue, Southern.	18	561	546-576			18	790	765-815
Eucalyptus globulus			L	1	17-23 y.o.	Gum, Blue, Southern.	1	681				8	900	873-927
Eucalyptus globulus			L	6		Gum, Blue, Southern	18	732.8	710-756			18	972.8	932-1,014
Eucalyptus gomphocephala			L	1		Tuart	20	836	812-860			26	1036	1,010-1,062
Eucalyptus gomphocephala			L	6		Tuart	7	848	822-874			7	1032	1,007-1,057
Eucalyptus gongylocarpa			L	3		Gum, Desert	1	816						
Eucalyptus gongylocarpa			L	8		Gum, Marble	3	1034						
Eucalyptus goniocalyx			L	1		Box, Long-Leaved	14	738	707-769			14	990	944-1,036
Eucalyptus goniocalyx			L	6		Gum, Grey, Mountain	18	683.2	662-705			18	921.6	888-956

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Johnson Rocks				
										1										
												1								
10	692	658-726								1	1									
7	694	640-748																	1	
											1									
										1	1									
8	1091	1,064-1,118								1										
												1								
												1								
															1	Broardarrow				
			1145	45											1	Kalgoorlie College				
															1	Victoria Rocks area				
															1	Mt Elvire				
8	581									1										
41	802	785-819								1	1	1								
											1	1								
										1	1									
										1	1									
2	823										1		1							
18	727	704-750												1						
7	843	783-903									1			1						
26	1017	990-1,044													1					
															1					
															1	De La Poer Range				
14	903	859-947									1							1		
											1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus gracilis			L	8		Yorrell	3	1067						
Eucalyptus grandifolia			L	5		Gum, Cabbage, Large-Leaved								
Eucalyptus grandis			L	1		Gum, Rose	33	597	559-635			37	753	715-791
Eucalyptus grandis			L	1		Gum, Rose	6	556	499-613			6	727	657-797
Eucalyptus grandis			L	5	immature	Gum, Rose				640			800	
Eucalyptus grandis			L	6		Gum, Rose	20	640	610-670			21	803.2	766-841
Eucalyptus griffithsii			L	8		Gum, Grey, Griffith's	9	1177						
Eucalyptus gummifera			L	1		Bloodwood, Red	18	651	620-682			9	888	843-933
Eucalyptus gummifera			L	5		Bloodwood, Red				780			1010	
Eucalyptus gunnii														
Eucalyptus haemastoma			L	1		Gum, Scribbly	8	641	599-683			8	907	863-951
Eucalyptus haemastonta			L	6		Gum, Scribbly	10	651.2	622-681			7	910.4	855-966
Eucalyptus haematoxylon			L	1		Marri, Mountain	9	745	730-760					
Eucalyptus hemiphloia			L	5		Box, Grey				840			1105	
Eucalyptus hemiphloia			L	6		Box, Grey	20	932.8	918-947			20	1132.8	1,115-1,151
Eucalyptus henryi			L	5		Gum, Spotted				780			1010	
Eucalyptus incrassata														
Eucalyptus insulana			L	5		Peppermint, Queensland				780			1010	
Eucalyptus intermedia			L	3		Bloodwood, Red	3	752						
Eucalyptus intermedia			L	5		Bloodwood, Red				780			1010	
Eucalyptus intermedia			L	6		Bloodwood, Pink	2	769.6				5	934.4	837-1,032
Eucalyptus intermedia			L	12		Bloodwood, Pink	1	780						
Eucalyptus intertexta			L	8		Coolibah, Gum-Barked	7	1198						
Eucalyptus jacksoni			L	1		Tingle, Red	5	589	546-632			5	772	691-853
Eucalyptus johnstonii														
Eucalyptus kingsmillii			L	8		Mallee, Kingsmill's	8	1027						
Eucalyptus kirtoniana			L	6		Mahogany, Red	10	800	750-850			16	960	904-1,016
Eucalyptus kondininensis														
Eucalyptus laevopinea			L	13		Stringybark, Silvertop				700			860	
Eucalyptus largiflorens			L	1		Box, Black	4	900				10	1110	1,083-1,137
Eucalyptus largiflorens			L	5		Box, Black				830			1090	
Eucalyptus largiflorens		*var. xanthophylla*	L	5		Box, Normanton				920			1220	
Eucalyptus lata			L	8		Mallee, Round-Leaved	4	1132						
Eucalyptus latifolia			L	5		Bloodwood, Round-Leaved								
Eucalyptus leichhardtii			L	5		Rustyjacket								

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Kalgoorlie area				
												1								
31	751	712-790								1		1								
6	676	603-749								1										
												1								
										1		1								
															1	Kalgoorlie area				
9	866	821-911								1	1	1								
												1								
8	811	768-854								1		1								
										1		1								
															1					
												1								
											1									
												1								
												1								
												1								
												1								
												1								
															1	60 km S Tjirrkarii				
5	719	658-780													1					
															1	Mt Keith				
										1		1								
										1										
10	1083	1,051-1,115									1									
												1								
												1								
															1	Hospital Rocks				
												1								
												1								

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Eucalyptus lenziana			L	8		Bloodwood, Narrow-Leaved	25	1032						
Eucalyptus leptophleba			L	5		Box, Red , Molloy				850			1120	
Eucalyptus leptophylla														
Eucalyptus leptopoda			L	8		Mallee, Tammin	9	1069						
Eucalyptus lesouefii			L	8		Blackbutt, Goldfields	25	880	863-897			25	1132	1,116-1,148
Eucalyptus lesouefii			L	8		Blackbutt, Goldfields	6	938	867-1,009			6		
Eucalyptus lesouefii			L	8		Blackbutt, Goldfields	23	1142						
Eucalyptus leucophloia														
Eucalyptus leucophylla			L	5		Box, Grey , Northern								
Eucalyptus leucoxylon			L	1		Gum, Yellow	16	811	753-869			25	1008	960-1,056
Eucalyptus leucoxylon			L	6		Gum, Yellow	14	867.2	848-886			14	1043.2	1,026-1,060
Eucalyptus leucoxylon			L	11		Gum, Yellow	11	795.1088596	770-820					
Eucalyptus lindleyana			L	1	plantation (44 y.o.)	Peppermint, River	2	554				2	804	
Eucalyptus lindleyana			L	6		Peppermint, River	3	603.2	465-742			3	865.6	
Eucalyptus livida			L	8		Wandoo, Mallee	2	1111						
Eucalyptus longicomis			L	8		Morrel, Red	25	930	919-941			25	1116	1,101-1,131
Eucalyptus longicomis			L	8		Morrel, Red	25			880	870 - 890	25	1168	1,150-1,186
Eucalyptus longicomis			L	8		Morrel, Red	15	985	977-993			15	1177	1,166-1,188
Eucalyptus longicomis			L	8		Morrel, Red	3	940				3		
Eucalyptus longicomis			L	8		Morrel, Red	25	1116						
Eucalyptus longicornis			L	1		Morrell, Red	12	932	915-949					
Eucalyptus longifolia			L	1		Woollybutt	6	815	770-860			13	1068	1,036-1,100
Eucalyptus longifolia			L	6		Woollybutt	6	846.4	814-879			6	1078.4	1,051-1,106
Eucalyptus loxophleba		*var. lissophloia*	L	8		Gum, York, Mallee	2	1131						
Eucalyptus lucasii			L	8		Box, Barlee	3	1103						
Eucalyptus macarthuri			L	1		Woollybutt, Camden	3	644						
Eucalyptus macrorhyncha			L	10		Stringybark, Red		562						
Eucalyptus macrorrhyncha			L	1	regrowth	Stringybark, Red	9	697	663-731			18	899	869-929
Eucalyptus macrorrhyncha			L	6		Stringybark, Red	16	659.2	635-684			16	860.8	824-897
Eucalyptus maculata			L	1		Gum, Spotted	48	790	770-810			56	988	967-1,009
Eucalyptus maculata			L	5		Gum, Spotted				780			1010	
Eucalyptus maculata			L	6		Gum, Spotted	21	820.8	787-855			21	992	956-1,028
Eucalyptus maideni			L	6		Gum, Maiden's	9	745.6	690-801			9	1001.6	938-1,065
Eucalyptus maidenii			L	1		Gum, Maiden's	8	750	707-793			16	992	670-1,314
Eucalyptus major			L	5		Gum, Grey				810			1055	

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															1	Carnarvon Range				
												1								
															1	Comet Vale				
			1181	37	34.3	3.10									1	CALM Como				
			1170	35	29.0	2.10									1	CALM Kalgoorlie				
															1	Kalgoorlie area				
												1								
25	974	928-1,020									1									
											1									
			1181.222223	30.1471213	48.8	5.52					1									
2	705										1									
											1									
															1	Victoria Rocks area				
			1237	32	32.9	1.30									1	CALM Harvey				
			1122	40											1	Kalgoorlie College				
			1242	18	26.0	1.90									1	CALM Como				
			1237		31.4										1	CALM Kalgoorlie				
															1	Jaurdi				
															1					
13	1022	987-1,057								1										
										1										
															1	Canegrass				
															1	Leinster				
										1										
										1	1									
17	822	790-854								1	1									
											1									
56	969	948-990										1	1	1						
												1								
										1	1	1								
											1									
16	926	892-960								1	1									
												1								

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Eucalyptus mannensis													
Eucalyptus mannifera	*ssp. maculosa*		L	1		Gum, Brittle, White	9	615	579-651		9	873	812-934
Eucalyptus marginata			L	1		Jarrah	15	658	635-681		22	823	792-854
Eucalyptus marginata			L	6		Jarrah	28	673.6	656-691		28	862.4	840-885
Eucalyptus megacarpa			L	1		Bullich	7	583	561-605				
Eucalyptus melanophloia			L	1		Ironbark, Silver-Leaved	7	916	880-952				
Eucalyptus melanophloia			L	5		Ironbark, Silver-Leaved				830		1090	
Eucalyptus melanoxylon			L	8		Morrel, Black	10	1165					
Eucalyptus melanoxylon			L	8		Morrel, Black	14	871	863-879		14	1132	1,121-1,143
Eucalyptus melanoxylon			L	8		Morrel, Black	25	949	940-958		25	1149	1,139-1,159
Eucalyptus melliodora			L	1		Box, Yellow	12	899	879-919		16	1075	1,041-1,109
Eucalyptus melliodora			L	5		Box, Yellow				800		1040	
Eucalyptus melliodora			L	6		Box, Yellow	23	899.2	885-913		23	1089.6	1,073-1,107
Eucalyptus merrickiae													
Eucalyptus micrantha			L	1		Gum, Scribbly	13	581	560-602				
Eucalyptus micrantha			L	5		Gum, Scribbly				730		930	
Eucalyptus microcarpa			L	1		Box, Grey	4	835					
Eucalyptus microcarpa			L	5		Box, Grey				840		1105	
Eucalyptus microcorys			L	1		Tallowwood	18	796	778-814		28	990	973-1,007
Eucalyptus microcorys			L	5		Tallowwood				780		1010	
Eucalyptus microcorys			L	6		Tallowwood	25	811.2	799-824		24	984	969-999
Eucalyptus microneura			L	5		Box, Fuzzy							
Eucalyptus microtheca			L	1		Coolibah	5	919	833-1,005				
Eucalyptus microtheca			L	5		Coolibah				880		1155	
Eucalyptus miniata			L	2		Woollybutt, Northern	59	887	877-897		59	1091	1,077-1,105
Eucalyptus miniata			L	5		Woollybutt, Northern				770		995	
Eucalyptus miniata			L	6		Gum, Melaleuca	5	915.2	883-947				
Eucalyptus molucanna			L	1		Box, Grey	10	895	838-952		31	1124	1,106-1,142
Eucalyptus moluccana			L	5		Box, Grey				840		1105	
Eucalyptus morrisii			L	5		Mahogany, Yellow							
Eucalyptus muellerana			L	5		Stringybark, Blackdown				770		995	
Eucalyptus muellerana			L	10		Stringybark, Yellow		608					
Eucalyptus muelleriana			L	1	regrowth	Stringybark, Yellow	13	697	675-719		22	884	858-910
Eucalyptus muelleriana			L	6		Stringybark, Yellow	18	707.2	689-726		18	883.2	855-911
Eucalyptus muftiflora			L	5		Mahogany, Swamp				690		880	

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9	753	273-1,233								1										
22	807	776-838													1					
															1					
															1					
										1		1								
												1								
															1	Yellowdine				
			1165	17	33.9	1.00									1	CALM Harvey				
			1172	25	23.5	0.70									1	CALM Como				
16	1051	1,016-1,086								1	1									
												1								
											1									
										1								1		
												1								
										1										
												1								
28	972	955-989								1		1								
												1								
										1		1								
												1								
																	1			
												1								
59	1089	1,075-1,103																	1	
												1								
																	1			
31	1100	1,079-1,121								1	1									
												1								
												1								
												1								
										1	1									
23	851	825-877								1	1									
										1	1									
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus nesophila			L	2		Bloodwood, Melville Island	55	852	842-862		55	993	981-1,005
Eucalyptus nesophila			L	5		Bloodwood, Melville Island							
Eucalyptus nicholii													
Eucalyptus nigra			L	5		Stringybark, White				780		1010	
Eucalyptus nitens			L	1		Gum, Shining	15	524	511-537		20	679	656-702
Eucalyptus nitens			H	14		Gum, Shining	45	423-515					
Eucalyptus nitens			L	6	5-15yr.	Gum, Shining	5	531.2	480-583		5	700.8	628-774
Eucalyptus nitida													
Eucalyptus normantonensis			L	5		Box, Normanton				920		1220	
Eucalyptus nortonii													
Eucalyptus nova-anglica			L	5		Peppermint, New England				640		800	
Eucalyptus nowraensis			L	?			3	768					
Eucalyptus nubila			L	5		Ironbark, Blue-Leaved							
Eucalyptus numerosa			L	6		Peppermint, River	3	603.2	465-742		3	865.6	
Eucalyptus obliqua			L	1		Stringybark, Messmate	50	599	582-616		62	769	751-787
Eucalyptus obliqua			L	1		Stringybark, Messmate	25	543	524-562		25	722	687-757
Eucalyptus obliqua			L	5	15-25 y.o.	Messmate				610		770	
Eucalyptus obliqua			L	6		Stringybark, Messmate	32	608	592-624		31	784	760-808
Eucalyptus obliqua			L	9		Messmate		548					
Eucalyptus obliqua			L	10		Messmate		568					
Eucalyptus occidentalis			L	11	regrowth		11	775.5691319	746-805				
Eucalyptus ochrophloia			L	5	plantation (41 y.o.)	Yapunyah				850		1120	
Eucalyptus odontocarpa			L	3		Mallee, Stuart Creek	1	720					
Eucalyptus odontocarpa			L	5		Mallee, Sturt Creek							
Eucalyptus oldfieldii			L	8		Mallee, Oldfield's	3	959					
Eucalyptus oleosa			L	8		Mallee, Giant	4	1230					
Eucalyptus oleosa			L	8		Mallee, Giant	25	987	965-1,009		25	1195	1,174-1,216
Eucalyptus oreades			L	1		Ash, Blue Mountains	3	506					
Eucalyptus oreades			L	5		Ash, Blue Mountains				570		705	
Eucalyptus orgadophila			L	5		Coolibah, Mountain				920		1230	
Eucalyptus ovata			L	1		Gum, Swamp	14	580	534-626		6	734	624-844
Eucalyptus ovata			L	1		Gum, Swamp	6	594	562-626		6	887	793-981
Eucalyptus ovata			L	6	17-33 y.o.	Gum, Swamp	10	595.2	545-646		8	835.2	766-904
Eucalyptus pachycalyx			L	5		Gum, Poplar				800		1040	
Eucalyptus pachyphylla			L	5		Mallee, Thick-Leaved							

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
55	988	976-1,000																	1	
												1								
												1								
20	639	621-657									1									
											1									
												1								
												1								
												1								
											1									
62	713	694-732								1	1			1						
25	676	650-702									1									
												1								
											1			1						
										1	1									
										1	1									
			1124.158456	82.00815511	45.2	6.20					1									
												1								
												1								
															1		Leinster			
															1		Kalgoorlie area			
			1277	36	29.6	4.80									1		CALM Como			
										1										
												1								
												1								
6	682	607-757									1									
6	777	707-847									1									
											1									
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus pachyphylla			L	8		Mallee, Red-Bud	5	1074						
Eucalyptus paniculata			L	1		Ironbark, Grey	56	869	858-880			62	1106	1,095-1,117
Eucalyptus paniculata			L	6		Ironbar K, Grey	5	900.8	876-926			5	1123.2	1,092-1,154
Eucalyptus papuana		*(one tree unit shr.)*	L	1		Gum, Ghost	7	687	630-744			7	830	755-905
Eucalyptus papuana			L	5		Gum, Cabbage , Large-Leaved				780			1010	
Eucalyptus papuana			L	6		Gum, Ghost	10	708.8	665-753					
Eucalyptus papuana			L	7		Gum, Ghost	10	708.8	661-757					
Eucalyptus parramattensis			L	1		Calgaroo	3	718						
Eucalyptus patens			L	1		Blackbutt, Western Australian	11	689	654-724			8	849	812-886
Eucalyptus patens			L	6		Blackbutt, W.A.	8	675.2	647-703			7	838.4	797-879
Eucalyptus patraea			L	8		Box, Rock, Granite	4	1169						
Eucalyptus pauciflora			L	1		Sallee, White	13	527	506-548					
Eucalyptus pauciflora			L	5		Gum, Snow				550			675	
Eucalyptus pellita			L	1		Mahogany, Red	5	807	755-859					
Eucalyptus pellita			L	5		Mahogany, Red				770			995	
Eucalyptus peltata			L	3		Rustyjacket	4	784						
Eucalyptus peltata			L	5		Rustyjacket				790			1025	
Eucalyptus peltata		*ssp. Leichhardtii*	L	5		Rustyjacket								
Eucalyptus perriniana														
Eucalyptus persistens														
Eucalyptus phaenophylla														
Eucalyptus phaeotricha			L	3		Stringybark, White	4	704						
Eucalyptus phaeotricha			L	5		Stringybark, White				780			1010	
Eucalyptus phoenicea			L	3		Gum, Scarlet	1	832						
Eucalyptus phoenicea			L	5		Gum, Scarlet				720			920	
Eucalyptus pilligaensis			L	5		Box, Grey , Narrow-Leaved				820			1075	
Eucalyptus pilularis			L	1		Blackbutt	80	503	503-503					
Eucalyptus pilularis			L	1	immature	Blackbutt	42	698	681-715			42	884	863-905
Eucalyptus pilularis			L	5		Blackbutt				730			930	
Eucalyptus pilularis			L	6		Blackbutt	18	699.2	670-729			18	884.8	852-917
Eucalyptus piperita			L	1		Peppermint, Sydney	11	631	595-667			8	801	708-894
Eucalyptus planchoniana			L	1		Tallowwood, Long-Leaved	6	719	702-736					
Eucalyptus planchoniana			L	5		Stringybark, Needlebark				780			1010	
Eucalyptus platycorys			L	8		Mallee, Boorabbin	8	1262						
Eucalyptus platyphylla														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Tjirrkarli area				
62	1095	1,084-1,106								1										
										1										
7	827	753-901										1					1			
												1								
																	1			
																	1			
										1										
8	803	427-1,179													1					
															1					
															1	Cardunia Rocks				
										1	1									
												1								
										1		1								
												1								
												1								
												1								
												1								
												1								
												1								
										1										
42	860	839-881								1		1								
												1								
										1		1								
8	738	658-818								1										
										1		1								
												1								
															1	Officer basin				

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus platyphylla			L	5		Gum, Poplar				800		1040	
Eucalyptus pluricaulis													
Eucalyptus polyanthemos			L	1		Box, Red	7	849	821-877		14	1064	1,043-1,085
Eucalyptus polyanthentos			L	6		Box, Red	10	883.2	868-898		10	1068.8	1,039-1,099
Eucalyptus polycarpa			L	2		Bloodwood, Red	3	844			3	1004	
Eucalyptus polycarpa			L	3		Bloodwood, Red	3	784					
Eucalyptus polycarpa			L	5		Bloodwood, Red				780		1010	
Eucalyptus polycarpa			L	12		Bloodwood, Red	1	830					
Eucalyptus populifolia			L	5		Box, Bimble				830		1090	
Eucalyptus populnea			L	1		Box, Bimbil	5	854	842-866				
Eucalyptus populnea			L	4		Box, Bimbil	10	873	850-896		10	1145	1,113-1,177
Eucalyptus populnea			L	5		Box, Bimble				830		1090	
Eucalyptus populnea	*ssp. brownii*		L	5		Box, Brown's				890		1180	
Eucalyptus porosa													
Eucalyptus preissiana													
Eucalyptus propinqua			L	1		Gum, Grey		834				1058	
Eucalyptus propinqua	*var. propinqua*		L	5		Gum, Grey				810		1055	
Eucalyptus pruinosa			L	5		Kullingal							
Eucalyptus pulchella													
Eucalyptus punctata			L	5		Gum, Grey				810		1055	
Eucalyptus pyriformis			L	5		Kullingal							
Eucalyptus pyrophora			L	5		Bloodwood, Pale				780		1010	
Eucalyptus quadrangulata			L	1		Box, White-Topped	4	690					
Eucalyptus quadrangulata			L	5		Box, White-Topped				770		995	
Eucalyptus racemosa			L	1		Ironbark, Red, Narrow-Leaved	1	940			10	1075	1,030-1,120
Eucalyptus racemosa			L	5		Ironbark, Red , Narrow-Leaved				830		1090	
Eucalyptus racemosa	*var. signata*		L	5		Gum, Scribbly				730		930	
Eucalyptus radiata	*var. australiana*		L	1		Peppermint, Narrow-Leaved	6	545	495-595		6	804	699-909
Eucalyptus radiata	*var. subexserta and E. phellandra*		L	3	15-25 y.o.	Peppermint, Narrow-Leaved	8	608					
Eucalyptus radiata	*var. australiana*		L	6		Peppermint, Narrow-Leaved	15	590.4	571-609		13	804.8	770-840
Eucalyptus raveretiana			L	5		Ironbox, Black				830		1090	
Eucalyptus raveretiana	*var. jerichoensis*		L	5		Coolibah				880		1155	
Eucalyptus ravida			L	8		Gin-Flet, Silver-Topped	3	1102					
Eucalyptus redunca			L	6		Wandoo	9	921.6	906-938		8	1105.6	1,073-1,138
Eucalyptus redunca	*var. clata*		L	6		Wandoo	9	921.6	906-938		8	1105.6	1,073-1,138

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
14	1030	1,008-1,052								1	1									
											1									
3	1004																		1	
												1								
												1								
												1								
										1		1								
			1260	53	37.2	6.40						1								
												1								
												1								
	1027																			
												1								
												1								
												1								
												1								
												1								
										1										
												1								
9	1046	996-1,096								1		1								
												1								
												1								
6	678	605-751								1										
											1									
												1								
												1								
															1	Kalgoorlie area				
															1					
															1					

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eucalyptus regnans			L	1		Ash, Mountain	74	500	491-509			81	679	663-695
Eucalyptus regnans			L	1		Ash, Mountain	6	424	388-460			6	607	560-654
Eucalyptus regnans			L	6	35 y.o.	Ash, Mountain	29	524.8	509-541			24	676.8	645-708
Eucalyptus resinifera			L	1		Mahogany, Red	16	792	767-817			22	955	927-983
Eucalyptus resinifera			L	5		Mahogany, Red				770			995	
Eucalyptus resinifera			L	6		Mahogany, Red	10	800	750-850			16	960	904-1,016
Eucalyptus rigidula			L	8		Mallee, Stiff-Leaved	4	1124						
Eucalyptus robertsoni			L	6		Messmate, N.Sw.	9	563.2	537-589			9	723.2	677-769
Eucalyptus robertsonii			L	1		Messmate, N.S.W.	10	551	523-579			10	729	693-765
Eucalyptus robusta			L	1		Mahogany, Swamp	1	711				8	822	771-873
Eucalyptus robusta			L	5		Mahogany, Swamp				690			880	
Eucalyptus robusta			L	6		Mahogany, Swamp				680		3	862.4	
Eucalyptus rodwayii														
Eucalyptus rossii			L	1		Gum, White	10	652	638-666			10	929	910-948
Eucalyptus rossii			L	6		Gum, White	9	656	645-667			6	881.6	814-950
Eucalyptus rostrata			L	5		Gum, Red , River				700			895	
Eucalyptus rostrata			L	6		Gum, Red, River	12	691.2	661-722			32	892.8	875-911
Eucalyptus rubida			L	1		Candlebark	7	538	499-577			10	732	695-769
Eucalyptus rubida			L	1		Candlebark	8	545	512-578			8	778	710-846
Eucalyptus rubida			L	6	18-28 y.o.	Candlebark	12	548.8	513-585			11	736	683-789
Eucalyptus rudis														
Eucalyptus salicola			L	8		Gum, Salt	25	1079						
Eucalyptus salicola			L	8		Saltgum	5	940	933-947			5	1166	1,151-1,181
Eucalyptus saligna			L	1		Gum, Blue, Sydney	22	655	625-685			32	843	813-873
Eucalyptus saligna			L	5		Gum, Blue , Sydney				700			895	
Eucalyptus saligna			L	6		Gum, Blue, Sydney	7	640	566-714			9	833.6	752-915
Eucalyptus salmonophloia			L	1		Gum, Salmon	12	895	867-923			2	1070	
Eucalyptus salmonophloia			L	8		Gum, Salmon	3	871				3		
Eucalyptus salmonophloia			L	8		Gum, Salmon	25	1042						
Eucalyptus salubris			L	1		Gimlet	11	897	872-922			7	1099	1,059-1,139
Eucalyptus salubris			L	8		Gimlet	25	940	926-954			25	1225	1,190-1,260
Eucalyptus salubris			L	8		Gimlet	25	1045						
Eucalyptus scabra			L	6		Stringybark, White	40	670.4	657-684			37	868.8	851-886
Eucalyptus seeana			L	3			6	832						
Eucalyptus seeana			L	5		Gum, Red , Narrow-Leaved				750			960	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
107	631	619-643									1			1						
6	548	506-590									1									
											1			1						
22	923	893-953								1		1								
												1								
										1		1								
															1	Officer Basin				
										1										
10	670	636-704								1										
8	785	731-839										1								
												1								
												1								
10	814	801-827																1		
										1										
												1								
											1	1								
10	654	616-692								1	1									
8	681	639-723									1									
											1									
															1	Johnson Lakes				
			1215	12	29.2	1.10									1	CALM Como				
27	806	770-842								1		1								
												1								
										1		1								
2	1041														1					
			1158		32.9										1	CALM Kalgoorlie				
															1	Kalgoorlie area				
7	1072	1,031-1,113													1					
			1228	32	30.7	2.90									1	CALM Como				
															1	Kalgoorlie area				
											1	1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus setosa			L	5		Bloodwood, Rough-Leaved				890		1185	
Eucalyptus sheatheana			L	8		Barked Gum, Ribboned	25	1074					
Eucalyptus shirleyi			L	5		Ironbark, Silver-Leaved, Shirleys				930		1235	
Eucalyptus siderophloia			L	1		Ironbark, Red, Broad-Leaved	17	913	898-928		9	1136	1,108-1,164
Eucalyptus siderophloia			L	5		Ironbark, Grey				840		1105	
Eucalyptus siderophloia		*var. rostrata*	L	5		Ironbark, Red , Broad-Leaved				850		1120	
Eucalyptus sideroxylon			L	1		Ironbark, Red	12	886	855-917		20	1086	1,049-1,123
Eucalyptus sideroxylon			L	5		Ironbark, Lemon-Scented				830		1090	
Eucalyptus sideroxylon			L	6		Ironbark, Red	19	905.6	887-925		21	1102.4	1,079-1,125
Eucalyptus sieberi			L	1		Ash, Silvertop	11	668	645-691		27	862	828-896
Eucalyptus sieberi			L	9		Ash, Silvertop		617					
Eucalyptus sieberi			L	10		Ash, Silvertop		580					
Eucalyptus sieberiana			L	6	regrowth	Ash, Silvertop	22	670.4	653-688		20	876.8	849-904
Eucalyptus signata			L	5		Gum, Scribbly				730		930	
Eucalyptus similis			L	3			1	832					
Eucalyptus similis			L	4			10	826	810-842		10	1036	984-1,088
Eucalyptus socialis													
Eucalyptus sparsifolia													
Eucalyptus spathulata													
Eucalyptus spenceriana			L	1		Box, Darwin	3	972			3	1171	
Eucalyptus spenceriana			L	5		Box, Darwin				890		1170	
Eucalyptus sphaerocarpa			L	5		Stringybark, Blackdown				770		995	
Eucalyptus st. johnii			L	6		Gum, Blue, Southern	18	732.8	710-756		18	972.8	932-1,014
Eucalyptus staigeriana			L	5		Ironbark, Lemon-Scented				860		1135	
Eucalyptus stellulata													
Eucalyptus stjohnii			L	1		Gum, Blue, Southern	15	713	682-744		23	927	887-967
Eucalyptus striaticalyx			L	8		Rnallee, Kopi	20	1096					
Eucalyptus stricklandii			L	8		Gum, Strickland's	9	1069					
Eucalyptus stuartiana			L	1		But But	7	565	540-590		7	940	836-1,044
Eucalyptus stuartiana			L	5	15-24 y.o.	But-But				770		995	
Eucalyptus stuartiana			L	6		But But	10	736	703-769		7	1016	941-1,091
Eucalyptus subargentea													
Eucalyptus subcrenulata													
Eucalyptus tectifera													
Eucalyptus tectifica			L	5		Box, Darwin				890		1170	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
															1	Jaurdi				
												1								
9	1116	1,091-1,141								1		1								
												1								
												1								
20	1060	1,023-1,097								1	1	1								
												1								
											1									
27	815	782-848								1	1			1						
										1	1									
										1	1									
										1	1									
												1								
			1152	68	34.6	4.90						1								
3	1166																1			
												1								
												1								
												1								
23	859	821-897									1									
															1	Mt Elvire				
															1	Widgemooltha				
7	738	688-788									1									
												1								
											1									
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Eucalyptus tenuipes			L	3		Mahogany, White, Narrow-Leaved	1	800						
Eucalyptus tenuipes			L	5		Mahogany, White				780			1010	
Eucalyptus tenuipes			L	6		Mahogany, Narrowleaved				740	680 - 800	5	955.2	882-1,028
Eucalyptus tenut's			L	8			2	1148						
Eucalyptus tereticornis			L	1		Gum, Red, Forest	30	778	758-798			29	996	973-1,019
Eucalyptus tereticornis			L	5		Gum, Red , Forest				780			1010	
Eucalyptus tereticornis			L	6		Gum, Red, Forest	19	784	755-813			20	1011.2	990-1,032
Eucalyptus terminalis			L	5		Bloodwood, Pale				780			1010	
Eucalyptus terminalis			L	8		Bloodwood, Desert	8	1177						
Eucalyptus tessellaris			L	1		Carbeen	4	919				4	1096	
Eucalyptus tessellaris			L	5		Carbeen				800			1040	
Eucalyptus tetradonta			L	5		Stringybark, Darwin				890			1170	
Eucalyptus tetradonta			L	6		Stringybark, Darwin	5	878.4	799-958					
Eucalyptus tetragona			L	3		Marlock, White-Leaved	2	736						
Eucalyptus tetraptera			L	3		Mallee, Four-Winged		832						
Eucalyptus tetrodonta			L	1		Stringybark, Darwin	4	841				4	1046	
Eucalyptus tetrodonta			L	2		Stringybark, Darwin	57	895	885-905			57	1092	1,080-1,104
Eucalyptus thozetiana			L	5		Yapunyah, L40untain				850			1120	
Eucalyptus tinghaensis			L	5		Stringybark, Tingha								
Eucalyptus torelliana			L	5		Cadaga				720			915	
Eucalyptus torguata			L	8		Gum, Coral	20	1089						
Eucalyptus torquata														
Eucalyptus trachyphlbia			L	5		Bloodwood, Brown				770			995	
Eucalyptus trachyphloia			L	1		Bloodwood, Brown	6	846	799-893			6	1057	
Eucalyptus transcontinentalis			L	8		Redwood/Boongul	25	938	928-948			25	1032	1,022-1,042
Eucalyptus transcontinentalis			L	8		Redwood	25	908	894-922			25	1125	1,107-1,143
Eucalyptus transcontinentalis			L	8		Redwood	6	961	914-1,008			6		
Eucalyptus transcontinentalis			L	8		Redwood	25	1119						
Eucalyptus triantha			L	5		Mahogany, White				780			1010	
Eucalyptus tricarpa														
Eucalyptus tropica			L	5		Box, Grey , Northern								
Eucalyptus umbellata			L	5		Gum, Red , Forest				780			1010	
Eucalyptus umbellata			L	6		Gum, Red, Forest	19	784	755-813			20	1011.2	990-1,032
Eucalyptus umbra			L	1		Mahogany, White	8	751	723-779			6	913	858-968
Eucalyptus umbra	*ssp. carnea*		L	5		Mahogany, White				780			1010	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
															1	Victoria Rock				
29	947	918-976								1	1	1								
												1								
										1	1	1								
												1								
															1	Carnarvon Range				
4	1092														1					
												1								
												1								
																	1			
4	1041																1			
57	1089	1,077-1,101																	1	
												1								
												1								
												1								
															1	"Coolgardie,"				
												1								
6	1023									1										
			1195	18	27.5	1.90									1	Kalgoorlie College				
			1200	31	32.2	1.80									1	CALM Harvey				
			1246	56	29.2	4.30									1	CALM Kalgoorlie				
															1	Kalgoorlie area				
												1								
												1								
												1								
										1	1	1								
6	887	829-945								1		1								
												1								

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Eucalyptus umbra		*ssp. umbra*	L	5		Mahogany, White				780		1010	
Eucalyptus variegata													
Eucalyptus vernicosa													
Eucalyptus viminalis			L	1		Gum, Manna	19	559	526-592		29	778	738-818
Eucalyptus viminalis			L	1		Gum, Manna	6	586	535-637		6	846	763-929
Eucalyptus viminalis			L	6	18-32 y.o.	Gum, Manna	28	555.2	532-578		25	747.2	713-782
Eucalyptus viridis			L	5		Mahogany, Yellow							
Eucalyptus wandoo			L	1		Wandoo	34	921	912-930		42	1099	1,082-1,116
Eucalyptus wandoo			L	6		Wandoo	9	921.6	906-938		8	1105.6	1,073-1,138
Eucalyptus watsoniana			L	5		Yellowjacket, Large-Fruited				750		960	
Eucalyptus webstriana			L	8		Mallee, Webster's	3	1181					
Eucalyptus whitei			L	5		Ironbark, White's				930		1235	
Eucalyptus wilkinsoniana			L	1		Stringybark, Small-Leaved	4	692			4	862	
Eucalyptus wilkinsoniana			L	5		Stringybark, White				780		1010	
Eucalyptus wilkinsoniana			L	6		Stringybark, Srnall-Leaved	4	688	543-833		4	870.4	749-992
Eucalyptus woodwardii			L	8		Gum, Lemon-Flowered	13	1164					
Eucalyptus woollsiana		*ssp. Microcarpa*	L	5		Box, Grey				840		1105	
Eucalyptus yilgamensis			L	8		Yorrell (West)	9	1172					
Eucalyptus youmanii			L	5		Stringybark, Youman's				860		1130	
Eucalyptus youngiana			L	8		Yarldarlba	8	1133					
Eucryphia lucida			L	1		Leatherwood	12	577	560-594		13	738	696-780
Eugenia angophoroides			L	1		Satinash, Ravenshoe	5	750	-449-1,949		5	945	775-1,115
Eugenia angophoroides			L	5		Satinash, Rolypoly							
Eugenia angophoroides			L	6		Satinash, Ravenshoe	2	804.8			7	926.4	887-966
Eugenia australis			L	1		Satinash, Creek	3	561			3	737	
Eugenia australis			L	5		Satinash, Creek				590		735	
Eugenia brachyandra			L	5		Satinash, Southern				440		530	
Eugenia bungadinnia			L	5		Satinash, Bungadinnia				550		675	
Eugenia claviflora		*var. leptalea*	L	5		Satinash, Grey				690		880	
Eugenia coolminiana			L	5		Satinash, Scented				790		1025	
Eugenia cormiflora			L	1		Satinash, Brown	3	625			3	770	
Eugenia cormiflora			L	5		Satinash, Bumpy				610		770	
Eugenia cormiflora			L	6		Satinash, Bumpy				640	3	800	
Eugenia corynantha			L	1		Satinash, Killarney	3	589			3	736	
Eugenia corynantha			L	5		Satinash, Killarney				570		705	

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												1								
29	710	678-742								1	1									
6	743	671-815									1									
											1			1						
												1								
42	1088	1,076-1,100													1					
															1					
												1								
															1	Kambalda				
												1								
4	843											1								
												1								
											1									
															1	Coonana				
												1								
															1	Mt Jackson				
												1								
															1	Officer Basin				
13	718	677-759								1				1						
5	927	770-1,084										1								
												1								
												1								
3	687									1		1								
												1								
												1								
												1								
												1								
												1								
3	766											1								
												1								
												1								
3	712									1		1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Eugenia crebrinervis			L	5		Satinash, Rose				590			735	
Eugenia cryptophlebia			L	5		Satinash, Plum				600			755	
Eugenia cyanocarpa			L	5		Satinash, Scented				790			1025	
Eugenia fortis			L	5		Satinash, Flaky-Barked				560			690	
Eugenia francisii			L	1		Satinash, Rose	5	575	534-616			5	719	656-782
Eugenia francisii			L	5		Satinash, Rose				580			720	
Eugenia grandis			L	5		Satinash, Flaky-Barked				560			690	
Eugenia graveolens			L	5		Satinash, Cassowary				490			595	
Eugenia gustavioides			L	1		Satinash, Grey	6	556	484-628			6	682	578-786
Eugenia gustavioides			L	5		Satinash, Grey				560			690	
Eugenia gustavioides			L	6		Satinash, Grey	4	608	502-714			4	723.2	588-858
Eugenia hedraiophylla			L	5		Satinash, Red				710			900	
Eugenia hemilampra			L	1		Satinash, Eungella, White	5	515	430-600			5	644	
Eugenia hemilampra			L	5		Satinash, Blush				580			720	
Eugenia johnsonii			L	5		Satinash, Rose				650			815	
Eugenia kuranda			L	1		Satinash, Kuranda	4	623				4	774	
Eugenia kuranda			L	5		Satinash, Kuranda				660			835	
Eugenia kuranda			L	6		Satinash, Kuranda	5	680	623-737			10	849.6	787-912
Eugenia leptantha			L	5		Satinash, Grey				690			880	
Eugenia luehmannii			L	5		Satinash, Cherry				570			705	
Eugenia macoorai			L	5		Satinash, Plum				600			755	
Eugenia myrtifolia			L	5		Satinash, Creek				590			735	
Eugenia oleosa			L	5		Satinash, Scented				790			1025	
Eugenia paniculata			L	5		Satinash, Creek				590			735	
Eugenia parviflora			L	5		Satinash, Cherry				570			705	
Eugenia reinwardtiana														
Eugenia smithii			L	1		Satinash, Coast	4	589				4	736	
Eugenia smithii			L	5		Satinash, Lilipilli				570			705	
Eugenia sp.	*aff. E. smithii*		L	5		Satinash, Eungella , Red				630			785	
Eugenia sp.	*aff. E. smithii*		L	5		Satinash, Eungella , White				600			755	
Eugenia sp.			L	5		Satinash, Onion				500			610	
Eugenia sp.	*aff . E. suborbiculalis*		L	5		Satinash, Onion				500			610	
Eugenia sp.			L	5		Satinash, Paperbark				700			895	
Eugenia sp.	*aff. E. johnsonii*		L	5		Satinash, Pink				660			840	
Eugenia sp.			L	5		Satinash, Rolypoly								

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												1								
												1								
												1								
												1								
5	700	644-756										1								
												1								
												1								
												1								
6	671	564-778										1								
												1								
												1								
												1								
5	624											1								
												1								
												1								
4	767											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
4	712										1									
												1								
												1								
												1								
												1								
												1								
												1								
												1								

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Eugenia sp.	*aff . E. angophoroides*		L	5		Satinash, Rolypoly				730		930	
Eugenia sp.	*aff. E. luehmannii*		L	5		Satinash, Yellow				570		705	
Eugenia suborbiculalis			L	5		Satinash, Forest				3,150		7700	
Eugenia tierneyana			L	5		Satinash, Bamaga				560		690	
Eugenia trachyphloia			L	5		Satinash, Rough-Barked				450		550	
Eugenia ventenatii			L	5		Satinash, Weeping				590		735	
Euodia bonwickii			L	5		Evodia, Yellow				390		465	
Euodia elleryana			L	5		Evodia				500		610	
Euodia etythrococca			L	5		Tingletongue				760		975	
Euodia haplophylla			L	5		Aspen, Yellow				660		835	
Euodia micrococca			L	5		Evodia, White				500		610	
Euodia vitiflora			L	5		Evodia, Northern				510		625	
Euodia xanthoxyloides			L	5		Evodia, Yellow				410		495	
Eupomatia laurina													
Euroschinus falcata			L	5		Poplar, Pink				400		480	
Euroschinus falcata	*var. falcata*		L	5		Poplar, Pink				400		480	
Euroschinus falcatus			L	1		Poplar, Pink	5	412	391-433		5	487	464-510
Evodia bonwickii			L	5		Evodia, Yellow				390		465	
Evodia elleryana			L	5		Evodia				500		610	
Evodia elleryana			L	6		Evodia, An				500	4	606.4	
Evodia micrococca			L	1		Evodia, White	5	466	440-492		5	567	545-589
Evodia micrococca			L	5		Evodia, White				500		610	
Evodia vitiflora			L	5		Evodia, Northern				510		625	
Evodia vitiflora			L	6		Evodia, Northern				440	4	528	
Evodia xanthoxyloides			L	5		Evodia, Yellow				410		495	
Excoecaria agallocha			L	5		Mangrove, Milky				340		400	
Excoecaria dallachyana			L	5		Birch, Brown				580		720	
Excoecaria parvifolia			L	5		Birch, Brown , Northern				640		805	
Exocarpos aphyllus			L	8		Ballart, Leafless	4	988					
Exocarpos cupressiformis			L	5		Cherry, Native				660		835	
Exocarpos latifolia													
Exocarpos latifolius			L	5		Cherry, Broad-Leaved				780		1010	
Exocarpos sparteus													
Exocarpus cupressiformis			L	1		Cherry, Native	6	562	515-609		6	702	
Fagara brachyacantha			L	5		Yellowwood, Thorny				650		825	

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											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
5	482	458-506									1									
											1									
											1									
											1									
5	557	532-582									1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
																1	Jaurdi			
											1									
											1									
6	680										1									
											1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Fagraea cambagei			L	5		Yellowheart				750		960	
Fagraea fagraeacea			L	5		Yellowheart							
Fagraea gracilipes			L	5		Yellowheart				750		960	
Fagraea muelleri			L	1		Yellow Heart	2	838			2	1022	
Fagraea muelleri			L	5		Yellowheart				750		960	
Fagraea muelleri			L	6		Heart, Yellow	3	817.6			4	1001.6	
Fagraea racemosa													
Ficus albipila			L	5		Figwood				350		415	
Ficus bellingeri			L	5		Figwood				320		385	
Ficus benjamina													
Ficus coronata			L	5		Figwood				390		465	
Ficus ehretioides			L	5		Figwood				340		400	
Ficus eugenioides			L	5		Figwood				510		620	
Ficus eugenioides			L	6		Fig, Small-Leaved				470	3	574.4	
Ficus fraseri			L	5		Figwood				380		460	
Ficus glomerata			L	1		Fig, Cluster	4	404			4	482	
Ficus glomerata			L	5		Figwood				340		400	
Ficus glonterata			L	6		Figwood	7	395.2	378-412				
Ficus infectoria			L	5		Figwood				340		400	
Ficus leptoclada			L	5		Figwood				460		560	
Ficus macrophylla			L	1		Fig, Moreton Bay	5	300	249-351		5	357	296-418
Ficus macrophylla			L	5		Figwood				280		335	
Ficus microcarpa													
Ficus obliqua													
Ficus obliqua		*var. obliqua*	L	5		Figwood				510		620	
Ficus opposita			L	5		Figwood				2,680		5575	
Ficus platypoda			L	5		Figwood				470		575	
Ficus platypoda			L	6		Fig, Moreton Bay, Smallleaved				470	4	576	
Ficus pleurocarpa			L	5		Figwood				390		470	
Ficus racemosa			L	5		Figwood				340		400	
Ficus rubiginosa			L	5		Figwood							
Ficus stenocarpa			L	5		Figwood				380		460	
Ficus stephanocarpus			L	1		Fig, Sandpaper	2	372			2	500	
Ficus superba													
Ficus virens			L	5		Figwood				340		400	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
2	1009											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
4	479																1			
												1								
																	1			
												1								
5	351	292-410										1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
2	465									1										
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Ficus virgata			L	5		Figwood				510			625	
Ficus watkinsiana			L	5		Figwood				320			385	
Ficus watkinsiana			L	6		Fig, Moreton Bay, Green- Leaved				430		3	521.6	
Flindersia acuminata			L	1		Silkwood, Silver	6	420	362-478			10	519	477-561
Flindersia acuminata			L	5		Silkwood, Silver				440			530	
Flindersia australis			L	1		Ash, Crow's	7	798	754-842			13	948	913-983
Flindersia australis			L	5		Ash, Crow's				740			945	
Flindersia australis			L	6		Ash, Crow's	5	763.2	716-811			5	899.2	856-943
Flindersia bennettiana			L	1		Ash, Bennett's	1	593				5	782	738-826
Flindersia bennettiana			L	5		Ash, Bennetts				660			835	
Flindersia bourjotiana			L	1		Ash, Silver, Queensland	28	521	504-538			30	641	619-663
Flindersia bourjotiana			L	5		Ash, Silver				520			640	
Flindersia bourjotiana			L	6		Ash, Silver, Queensland	21	518.4	502-535			22	624	605-643
Flindersia brassii			L	5		Maple, Scented , Hard				760			975	
Flindersia brayleyana			L	1		Maple, Queensland	20	442	428-456			27	556	536-576
Flindersia brayleyana			L	5		Maple, Queensland				470			575	
Flindersia brayleyana			L	6		Maple, Queensland				470	460 - 480	50	579.2	565-594
Flindersia collina			L	5		Ash, Leopard				700			895	
Flindersia ifflaiana			L	1		Ash, Hickory	6	831	806-856			10	984	953-1,015
Flindersia ifflaiana			L	5		Ash, Hickory				760			980	
Flindersia laevicarpa			L	1		Maple, Scented	7	594	569-619			10	718	687-749
Flindersia laevicarpa			L	5		Maple, Scented				590			735	
Flindersia laevicarpa		*var. laevicarpa*	L	5		Maple, Scented				590			735	
Flindersia maculata			L	5		Leopardwood				750			960	
Flindersia maculosa			L	5		Leopardwood				750			960	
Flindersia oxleyana			L	1		Yellowwood	9	604	562-646			13	750	707-793
Flindersia oxleyana			L	5		Yellowwood				600			755	
Flindersia pimenteliana			L	5		Silkwood, Maple				520			640	
Flindersia pimenteliana			L	6		Maple, Queensland				470	460 - 480	50	579.2	565-594
Flindersia pubescens			L	1		Ash, Silver, Northern	25	561	538-584			25	671	644-698
Flindersia pubescens			L	5		Ash, Silver				550			675	
Flindersia pubescens			L	6		Ash, Silver, Northern	20	561.6	547-576			20	680	659-701
Flindersia schottiana			L	1		Ash, Silver, Southern	16	586	563-609			23	714	683-745
Flindersia schottiana			L	5		Ash, Silver				550			675	
Flindersia schottiona		*var. pubescens*	L	5		Ash, Silver				550			675	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
10	513	473-553										1								
												1								
13	943	907-979								1		1								
												1								
										1										
5	762	718-806										1								
												1								
30	639	618-660										1								
												1								
												1								
												1								
27	546	526-566										1								
												1								
												1								
												1								
10	976	943-1,009										1								
												1								
10	711	675-747										1								
												1								
												1								
												1								
												1								
13	737	694-780								1		1								
												1								
												1								
												1								
25	668	642-694										1								
												1								
												1								
22	703	670-736								1		1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Flindersia xanthoxyla			L	5		Yellowwood				600			755	
Flueggia virosa														
Franciscodendron laurifolium			L	5		Sterculia, Tulip				380			450	
Galbulimima baccata			L	1		Magnolia	4	463				4	549	
Galbulimima baccata			L	5		Magnolia				520			640	
Galbulimima belgraveana			L	5		Magnolia				520			640	
Ganophyllum falcatum			L	5		Ash, Scaly				680			865	
Ganophyllum falcatum			L	6		Ash, Scaly				650	620 - 680	5	824	790-858
Garcinia chenyi			L	5		Beech, Cherry				550			675	
Garcinia sp.			L	5		Marblewood				850			1115	
Garcinia sp.	*aff. G. hunsteinii*		L	5		Marblewood				850			1115	
Garcinia warrenii														
Gardenia megasperma														
Gardenia ovularis			L	5		Gardenia				670			850	
Gardenia pyriformis														
Garuga floribunda			L	5		Garuga				560			690	
Gastrolobium bilobum														
Gastrolobium callistachys														
Geifera salicifolia			L	5		Satinheart, Green				770			995	
Geijera latifolia														
Geijera muelleri			L	5		Wilga, Scrub				850			1120	
Geijera paniculata			L	5		Wilga, Scrub				850			1120	
Geijera parviflora			L	5		Wilga				700			895	
Geijera salicifolia			L	1		Satinheart, Green	3	738				3	992	
Geissois benthami			L	1		Mahogany, Brush	25	503	489-517			26	639	618-660
Geissois benthamiana														
Geissois benthamii			L	5		Mahogany, Brush				520			640	
Geissois biagiana			L	1		Mararie, Brush, Northern	3	466				3	562	
Geissois biagiana			L	5		Mahogany, Brush				520			640	
Geissois biagiana			L	6		Mararie, Brush, Northern				480		4	588.8	
Geissois lachnocarpa			L	5		Mararie				690			880	
Gevuina bleasdalei			L	5		Oak, Silky , Blush				510			625	
Gillbeea adenopetala			L	5		Alder, Pink				440			530	
Glochidion disparipes														
Glochidion ferdinandi			L	1		Buttonwood	6	557	524-590			6	695	662-728

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
4	548											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	894											1								
25	628	608-648								1		1								
												1								
3	557											1								
												1								
												1								
												1								
												1								
												1								
6	674	636-712										1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Glochidion ferdinandi			L	5		Buttonwood				570		705	
Glochidion harveyanum			L	5		Buttonwood				630		785	
Glochidion lobocarpum													
Glochidion mindorense		*ssp. harveyanum*	L	5		Buttonwood				630		785	
Glochidion perakense			L	5		Buttonwood				570		705	
Glochidion sumatranum			L	5		Buttonwood				570		705	
Glochidion supra-axillare			L	5		Buttonwood				570		705	
Glycosmis pentaphylla													
Glycosmis trifoliata													
Gmelina dalrympleana			L	5		Beech, White				430		515	
Gmelina fasciculiflora			L	5		Beech, White				450		545	
Gmelina fasciculiflora			L	6		Beech, White				450	4	545.6	
Gmelina leichardtii			L	5		Beech, White				450		545	
Gmelina leichhardiii			L	6		Beech, White				450	4	545.6	
Gmelina leichhardtii			L	1		Beech, White	10	476	448-504		15	553	521-585
Gmelina macrophylla			L	5		Beech, White				430		515	
Goiynocarpus cribbianus			L	5		Cribwood				560		690	
Gomphandra australiana			L	5		Beech, Brown				440		530	
Goodia lotifolia													
Grevillea agrifolia													
Grevillea aspleniifolia													
Grevillea baileyana			L	5		Oak, Silky , Findlays				730		930	
Grevillea banksii													
Grevillea barklyana													
Grevillea chrysodendrum			L	5		Oak, Silky , Ferny-Leaved							
Grevillea decora													
Grevillea decurrens													
Grevillea dimidiata													
Grevillea eriostachya			L	8		Grevillea, Flame	1	716					
Grevillea excelsior													
Grevillea glauca													
Grevillea heliosperma													
Grevillea hilliana			L	5		Oak, Silky , Hill's				760		975	
Grevillea iuncifolia			L	8		Grevillea, Honey-Suckle	14	744					
Grevillea johnsonii													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
15	545	513-577								1		1								
												1								
												1								
												1								
												1								
												1								
															1		Boorabin			
												1								
															1		Mt Elvire			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Grevillea juncifolia														
Grevillea mimosoides														
Grevillea nematophylla			L	8		Tree, Water	25	769						
Grevillea obliquistigma														
Grevillea parallela														
Grevillea pinnatifida			L	5		Oak, Silky , Findlays				730			930	
Grevillea pteridifolia			L	12			1	630						
Grevillea pteridiifolia			L	5		Oak, Silky , Ferny-Leaved								
Grevillea pterosperma														
Grevillea pyramidalis														
Grevillea refracta														
Grevillea robusta			L	1		Oak, Silky, Southern	6	525	501-549			7	636	614-658
Grevillea robusta			L	5		Oak, Silky , Southern				510			625	
Grevillea robusta			L	6		Oak, Silky, Southern				520	510 - 530	6	643.2	627-660
Grevillea robusta			L	7		Oak, Silky, Southern			#VALUE!	520	510 - 530	6	643.2	628-659
Grevillea stenobotrya														
Grevillea striata			L	4		Beefwood	10	824	796-852			10	990	959-1,021
Grevillea striata			L	5		Beefwood				690			880	
Grevillea striata			L	8		Beefwood	25	819	813-825			25	967	963-971
Grevillea striata			L	8		Beefwood	6	926						
Grevillea wickhamii			L	12			1			630		1	790	
Grewia breviflora														
Grewia latifolia														
Guettardia speciosa														
Guettardiella tenuiflora														
Guiffoyfia monostylis			L	5		Ooline, Scrub				730			930	
Guilfoylia monostylis														
Guioa semiglauca														
Gynatrix pulchella														
Gyrocarpus acuminatus			L	5		Damson, Gyro				240			275	
Gyrocarpus americanus			L	5		Damson, Gyro				240			275	
Gyrocarpus jacquinii			L	5		Damson, Gyro				240			275	
Gyrostemon ramulosus			L	8		Corkybark	6	460						
Haffordia scleroxyla			L	5		Saffronheart				840			1105	
Hakea arborescens														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Jaurdi				
												1								
												1								
												1								
7	620	600-640								1		1								
												1								
												1								
												1								
			1198	38	42.3	5.80						1								
												1								
			1232	27	50.5	4.50									1	CALM				
															1	Wiluna				
																	1			
												1								
												1								
												1								
												1			1	Comet Vale				
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Hakea arida														
Hakea chordophylla														
Hakea coriacea														
Hakea cucullata														
Hakea cunninghamii														
Hakea dactyloides														
Hakea decurrens														
Hakea divaricata			L	5		Needlewood								
Hakea epiglottis														
Hakea eriantha														
Hakea eyreana														
Hakea francisiana			L	8		Tree, Emu	4	788						
Hakea fraseri														
Hakea intermedia			L	5		Needlewood								
Hakea laurina														
Hakea leucoptera			L	1		Needlewood	5	768	686-850			5	960	
Hakea leucoptera			L	5		Needlewood				740			945	
Hakea lissosperma														
Hakea lorea			L	5		Needlewood				860			1135	
Hakea macrocarpa														
Hakea muelleriana														
Hakea nodosa														
Hakea petiolaris														
Hakea platysperma														
Hakea plurinervia														
Hakea preissii			L	8		Bush, Needle	9	1062						
Hakea prostrata														
Hakea recurva														
Hakea rostrata														
Hakea salicifolia														
Hakea sericea														
Hakea suberea			L	8		Corkwood	11	801	784-818			11	965	938-992
Hakea suberea			L	8		Corkwood	5	868						
Hakea tephrosperma														
Hakea ulicina														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
															1	Comet Vale				
												1								
5	930									1		1								
												1								
												1								
															1	Mt Elvire				
		1225	20	52.9	2.90										1	CALM				
															1	Adelong				

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Hakea varia														
Hakea victoria														
Hakea vittata			L	5		Needlewood								
Halfordia drupifera			L	5		Saffronheart				840			1105	
Halfordia kendack			L	5		Saffronheart				840			1105	
Harpullia hillii														
Harpullia pendula			L	1		Tulipwood	4	734				4	897	
Harpullia pendula			L	5		Tulipwood				700			895	
Harrisonia brownii														
Hedera australiana			L	5		Basswood, Ivory				470			575	
Hedycarya angustifolia			L	5		Mulberry, Australian								
Hedycarya loxocarya			L	5		Beech, Yellow				560			690	
Heficia lamingtoniana			L	5		Oak, Silky , Lamington's				550			675	
Heficia praealta			L	5		Macadamia				670			850	
Helicia australasica														
Helicia diversifolia			L	1		Oak, Silky, Cream	2	461				2	580	
Helicia diversifolia			L	5		Oak, Silky , Cream				550			675	
Helicia ferruginea			L	1		Oak, Silky, Helicia	2	588						
Helicia glabriflora														
Hemicyclia australasica			L	1		Boxwood, Grey	5	714	42-1,386			5	897	812-982
Hemicyclia australasica			L	5		Greyboxwood				720			915	
Heritiera actinophylla			L	5		Oak, Tulip , Blush				640			800	
Heritiera littoralis			L	5		Mangrove, Tulip				700			895	
Heritiera peralata			L	5		Oak, Tulip, Red				640			800	
Heritiera trifoliolata			L	5		Oak, Tulip , Brown				720			925	
Hernandia bivalvis														
Hernandia nymphaeifolia														
Hernandia peltata			L	5		Hernandia								
Heterodendrum oleaefolium			L	8		Bush, Bulloch	4	1091						
Heterodendrum oleifolium			L	5		Rosewood, Inland				860			1135	
Hibiscus heterophyllus														
Hibiscus splendens														
Hibiscus tiliaceus			L	1		Cottonwood, Coast	8	440	351-529			8	550	
Hibiscus tiliaceus			L	5		Cottonwood, Coast				410			495	
Hicksbeachia diversifolia			L	5		Oak, Silky , Cream				550			675	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
4	883											1								
												1								
												1								
												1								
												1								
												1								
												1								
2	557											1								
												1								
										1										
5	875	783-967										1								
												1								
												1								
												1								
												1								
												1								
												1								
															1	Kalgoorlie area				
												1								
8	507																1			
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Himantandra baccata			L	5		Magnolia				520			640	
Hodgkinsonia ovatifolia														
Hollandaea lamingtoniana			L	5		Oak, Silky , Lamington's				550			675	
Homalanthus populifolius			L	5		Bleedingheart, Native				270			320	
Homalium alnifolium			L	5		Boxwood, Brown				680			865	
Homalium circumpinnatum			L	1		Boxwood, Brown	2	666				2	801	
Homalium circumpinnatum			L	5		Boxwood, Brown				720			915	
Homalium circumpinnatum			L	6		Boxwood, Brown	1	640				5	856	755-957
Homalium vitiense			L	5		Boxwood, Brown				680			865	
Hylandia dockrillii			L	5		Blushwood				460			560	
Hymenanthera dentata														
Hymenosporum flavum			L	5		Frangipani, Native				570			705	
Ichnocarpus serpyllifolius														
Idiospermum australiense			L	5		Ribbonwood				600			755	
I-femicyclia australasica			L	6		Boxwood, Grey				730		4	928	
Ilex arnhemensis			L	5		Holly, Northern				430			515	
Intsia bijuga			L	5		Kwila				680			865	
Intsia bijuga			L	6		Kwila				610	580 - 640	5	766.4	734-798
Irvingbaileya australis			L	5		Beech, Brown				410			495	
Ixora beckleri														
Ixora klanderiana														
Jacksonia furcellata														
Jacksonia scoparia														
Jacksonia thesioides														
Jagera discolor			L	5		Tamarind, Pink				690			880	
Jagera pseudorhus			L	5		Tamarind, Pink				630			785	
Jagera sp.			L	5		Tamarind, Pink				690			880	
Kermadecia bleasdalei			L	5		Oak, Silky , Blush				510			625	
Khaya senegalensis			L	2		Mahogany, African	4	662				4	812	
Kissodendron australianum			L	5	p. (immature)	Basswood, Ivory				470			575	
Kunzea ericoides														
Kunzea pulchella			L	8		Kunzea, Granite	4	1033						
Lagarostrobos franklinii														
Lagunaria patersonia														
Laportea gigas			L	5		Stingingtree, Giant				210			240	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
2	798											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
4	799																		1	
												1								
															1	Jaurdi				
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Laportea photinophylla			L	5		Stingingtree, Shining-Leaved				210			240	
Larsenaikia ochreata														
Lepiderema sp.			L	5		Tamarind				770			995	
Leplospermum petersonii			L	5		Tea-Tree, Lemon-Scented								
Leptospermum brachyandrum														
Leptospermum brevipes														
Leptospermum citratum			L	5		Tea-Tree, Lemon-Scented								
Leptospermum grandifolium														
Leptospermum laevigatum														
Leptospermum lanigerum			L	1		Tea-Tree, Woolly	2	564						
Leptospermum lanigerum			L	5		Tea-Tree, Woolly								
Leptospermum liversidgei			L	5		Tea-Tree, Citron-Scented								
Leptospermum madidum														
Leptospermum nitidum														
Leptospermum petersonii														
Leptospermum polygalifolium														
Leptospermum scoparium														
Leptospermum squarrosum														
Leptospermum trinervium														
Leucopogon parviflorus														
Levieria acuminata			L	5		Beech, Straw				360			435	
Lindsayomyrtus brachyandrus			L	5		Penda, Daintree				570			705	
Linociera ramiflora			L	5		Olive, Northern				690			875	
Litsea australis														
Litsea bindoniana			L	5		Bollywood				430			515	
Litsea ferruginea			L	6		Beech, Brown				410		3	488	
Litsea ferruginea	*var. lanceolata*		L	5		Bollywood				400			480	
Litsea glutinosa			L	5		Bollywood				430			515	
Litsea leefeana			L	1		Bollywood	3	408				3	482	
Litsea leefeana			L	5		Bollywood				400			480	
Litsea leefeana			L	6		Beech, Brown				410		3	488	
Litsea reticulata			L	1		Bollywood	22	429	286-572			17	532	506-558
Litsea reticulata			L	5		Bollywood				440			530	
Litsea reticulata			L	6		Bollywood	31	403.2				31	489.6	477-502
Litsea sp.			L	5		Bollywood								

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
										1				1						
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	477											1								
												1								
												1								
16	524	498-550								1		1								
												1								
										1										
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Litsea zeylanica			L	5		Bollywood				550			675	
Livistona spp.			L	5		Palm*, Cabbage-Tree								
Lomatia fraseri														
Lomatia fraxinifolia			L	5		Oak, Silky , Lomatia				760			975	
Lomatia myricoides														
Lomatia sp.			L	5		Oak, Silky , Fishtail				680			865	
Lophospermum grandiflorus														
Lophostemon confertus			L	5		Box, Brush				690			880	
Lophostemon grandiflorus	*ssp. riparius*		L	5		Box, Swamp , Northern				820			1075	
Lophostemon lactifluus			L	5		Box, Milky								
Lophostemon suaveolens			L	5		Box, Gilbert River				690			880	
Lophostemon suaveolens			L	12		Box, Gilbert River	4	600	520-680					
Lucuma amorphosperma			L	5		Boxwood, Plum				640			810	
Lucuma galactoxylon			L	1		Silkwood, Red	2	402				2	477	
Lucuma galactoxylon			L	5		Silkwood, Red				460			560	
Lumnitzera racemosa														
Lysicarpus angustifolius			L	5		Hazelwood-, Brown				640			800	
Lysicarpus ternifolius			L	5		Hazelwood-, Brown				640			800	
Lysiphyllum carronii			L	5		Bauhinia, Carron's				1,020			1390	
Lysiphyllum cunninghamii														
Lysiphyllum gilvum														
Lysiphyllum hookeri			L	5		Bauhinia, Hooker's				920			1225	
Maba fasciculosa			L	5		Ebony, Australian				690			880	
Maba hemicycloides			L	5		Ebony, Australian				890			1175	
Maba humilis			L	5		Ebony, Australian				940			1250	
Macadamia integrifolia														
Macadamia praealta			L	1		Nut, Ball	3	642				3	801	
Macadamia praealta			L	5		Macadamia				670			850	
Macadamia sp.	*Aff. M. hildebrandii*		L	5		Oak, Silky , Satin				470			575	
Macadamia ternifolia			L	5		Macadamia				800			1040	
Macadamia tetraphylla														
Macadamia whelanii			L	5		Oak, Silky , Whelan's				770			995	
Macadarnia sp.	*aff. whelanii*		L	6		Oak, Silky, Whelan's				460	440 - 480	5	558.4	535-582
Macaranga inamoena			L	5		Macaranga				460			560	
Macaranga involucrata			L	5		Macaranga								

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
2	469											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	776									1		1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Macaranga involucrata		*var. mallotoides*	L	5		Macaranga								
Macaranga mallotoides			L	5		Macaranga								
Macaranga tanarius			L	5		Macaranga				460			560	
Malaisia scandens														
Malaisia tortuosa			L	1		Artocarpus	4	655				4	769	
Malalauca leucadendra			L	5		Tea-Tree, Broad-Leaved				590			735	
Mallotus angustifolius			L	5		Kamala				640			800	
Mallotus claoxyloides														
Mallotus discolor			L	5		Kamala				590			735	
Mallotus mollissimus			L	5		Kamala				430			515	
Mallotus nesophilus														
Mallotus philippensis			L	5		Kamala				600			755	
Mallotus polyadenos			L	5		Kamala				600			755	
Mallotus ricinoides			L	5		Kamala				430			515	
Mammea touriga			L	5		Touriga, Brown				750			960	
Maranthes corymbosa			L	5		Parinari				780			1010	
Marlea vitiensis			L	5		Muskheart, Canary				570			705	
Maytenus cunninghamii														
Maytenus disperma			L	5		Boxwood, Orange				740			945	
Maytenus silvestris														
Medicosma cunninghamii														
Medicosma fareana			L	5		Aspen, White				630			785	
Melaleuca acacioides														
Melaleuca acerosa														
Melaleuca alternifolia			L	5		Paperbark, Narrow-Leaved								
Melaleuca argentea			L	5		Tea-Tree, Silver				780			1010	
Melaleuca armillaris														
Melaleuca bracteata			L	5		Tea-Tree, River				780			1010	
Melaleuca brevifolia														
Melaleuca cajuputi														
Melaleuca cuticularis														
Melaleuca dealbata														
Melaleuca decora														
Melaleuca decussata														
Melaleuca dissitifora														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
4	766																1			
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Melaleuca eleuterostachys														
Melaleuca ericifolia														
Melaleuca glomerata			L	12			1			620		1	780	
Melaleuca groveana														
Melaleuca halmaturorum														
Melaleuca hypericifolia														
Melaleuca incana														
Melaleuca lanceolata			L	5		Moonah								
Melaleuca lasiandra														
Melaleuca lateriflora														
Melaleuca leucadendra														
Melaleuca leucadendron			L	1		Tea-Tree, Broad-Leaved	5	595	444-746			5	744	
Melaleuca leucadendron			L	6		Tea-Tree, Broad-Leaved	10	667.2	629-705					
Melaleuca linariifolia			L	1		Tea-Tree, Narrow-Leaved	3	589						
Melaleuca linariifolia			L	5		Tea-Tree, Narrow-Leaved				710			900	
Melaleuca mimosoides			L	5		Tea-Tree, Broad-Leaved				590			735	
Melaleuca nervosa														
Melaleuca nesophila														
Melaleuca nodosa														
Melaleuca pauperiflora			L	8		Boree	3	1088						
Melaleuca preissiana														
Melaleuca pubescens			L	5		Moonah								
Melaleuca quinquenervia			L	5		Tea-Tree, Broad-Leaved				640			800	
Melaleuca quinquenervia			L	12		Tea-Tree, Broad-Leaved	1	570						
Melaleuca rhaphiophylla														
Melaleuca squarrosa														
Melaleuca styphelioides														
Melaleuca thymifolia														
Melaleuca thyoides														
Melaleuca uncinata			L	8		Myrtle, Honey, Broom	5	982						
Melaleuca viridiflora			L	5		Tea-Tree, Broad-Leaved				770			1000	
Melaleuca viridiflora			L	12		Tea-Tree, Broad-Leaved	4	730	660-800					
Melaleuea sp.	*aff. nervosa*		L	6		Tea-Tree, A				630		4	798.4	
Melastoma affine														
Melia azedarach	*var. australasica*		L	6		Cedar, White				370		3	444.8	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
																	1			
												1								
5	720											1					1			
																	1			
										1										
												1								
												1								
															1	Kambalda				
												1								
												1								
												1								
															1	Coolgardie				
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Melia azedarach		*var. australasica*	L	5		Cedar, White				390			465	
Melia dubia			L	1		Cedar, White	8	392	377-407			9	476	456-496
Melia dubia			L	5		Cedar, White				390			465	
Melia dubia			L	6		Cedar, White				370		3	444.8	
Melicope australasica			L	5		Doughwood				520			640	
Melicope elleryana														
Melicope erythrococca			L	1		Doughwood	2	711				2	910	
Melicope erythrococca			L	5		Tingletongue				760			975	
Melicope erythrococca			L	6		Nutmeg				770	640 - 900	4	990.4	821-1,160
Melicope fareana			L	5		Aspen, White				630			785	
Melicope melanaphloia			L	5		Aspen, Hard				720			915	
Melicope micrococca														
Melicope octandra			L	5		Doughwood				520			640	
Melicope sp.			L	1		Doughwood		620				3	737	
Melicope vitiflora														
Memecylon australe			L	5		Satinash, Southern				440			530	
Memecylon pauciflorum														
Metrosideros nigroviridis			L	5		Penda, Daintree				570			705	
Metrosideros queenslandica			L	5		Myrtle, Pink				610			770	
Microcitrus australasica														
Micromelum minutum														
Mimusops elengi			L	5		Coondoo, Red				780			1010	
Mimusops parvifolia			L	1		Coondoo, Red	3	830				3	1012	
Mimusops parvifolia			L	5		Coondoo, Red				780			1010	
Mischocarpus anodontus			L	5		Tamarind, Pear-Fruited				600			755	
Mischocarpus lachnocarpus														
Mischocarpus pyriformis			L	5		Tamarind, Pear-Fruited				600			755	
Mollinedia huegeliana			L	5		Beech, Tetra								
Mollinedia subternata			L	5		Beech, Tetra				520			640	
Monotoca elliptica														
Morinda citrifolia														
Murraya paniculata														
Musgravea heterophylla			L	5		Oak, Silky , Briar				550			675	
Musgravea stenostachya			L	5		Oak, Silky , Briar				550			675	
Musgravea stenostachya			L	5		Oak, Silky , Crater				550			675	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
9	473	455-491								1		1								
												1								
												1								
												1								
2	902											1								
												1								
												1								
												1								
												1								
												1								
3	738																1			
												1								
												1								
												1								
												1								
3	1000											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Myoporum acuminatum														
Myoporum insulare														
Myoporum montanum														
Myoporum platycarpum			L	8		Tree, Sugar	3	1023						
Myristica cimicifera		*var. muelleri*	L	5		Nutmeg				460			560	
Myristica insipida			L	5		Nutmeg				460			560	
Myristica muelleri			L	1		Nutmeg	8	468	312-624			8	567	547-587
Myristica muelleri			L	5		Nutmeg				460			560	
Myrsine achradifolia			L	5		Rapanea				720			915	
Myrsine variabilis			L	5		Rapanea				710			910	
Myrtus acmenioides			L	5		Ironwood, Scrub				680			865	
Nauclea orientalis			L	5		Cheesewood				460			560	
Nauclea undulata			L	1		Cheesewood	5	461	418-504			5	541	488-594
Nauclea undulata			L	5		Cheesewood				460			560	
Neisosperma poweri														
Neolitsea australiensis			L	5		Bollywood				550			675	
Neolitsea cassia			L	5		Bollywood				550			675	
Neolitsea dealbata														
Neolitsea involucrata			L	5		Bollywood				550			675	
Neonauclea gordoniana			L	5		Leichhardt, Hard				670			850	
Neonauclea sp.			L	5		Leichhardt, Hard				670			850	
Neorites kevediana			L	5		Oak, Silky , Fishtail				680			865	
Nephelium divaricatum			L	5		Tamarind, Rose				590			735	
Nephelium lauterarianum			L	5		Tamarind, Corduroy				570			705	
Nestegis ligustrina														
Niemeyera chartacea			L	5		Boxwood, Plum				610			770	
Niemeyera prunifera			L	1		Apple, Bull	3	615				3	785	
Niemeyera prunifera			L	5		Boxwood, Plum								
Normanbya muelleri			L	5		Palm*, Black				790			1025	
Normanbya normanbyi			L	5		Palm*, Black				790			1025	
Notelaea longifolia			L	5		Olive, Long-Leaved				780			1010	
Notelaea microcarpa														
Notelaea venosa														
Nothofagus cunninghamii			L	1		Beech, Myrtle	19	577	562-592			15	705	681-729
Nothofagus cunningharnfl			L	6		Beech, Myrtle	10	577.6	558-597			10	723.2	699-748

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Kitchener				
												1								
												1								
8	562	542-582										1								
												1								
												1								
												1								
												1								
												1								
5	540	489-591															1			
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	750									1										
												1								
												1								
												1								
												1								
15	687	663-711									1			1						
														1						

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Nothofagus moorei			L	1		Beech, Negrohead	4	612						
Nothofagus moorei			L	5		Beech, Negrohead				600			755	
Nuytsia floribunda														
Ochrosia elliptica														
Olea paniculata			L	1		Olive, Native	3	732				3	915	
Olea paniculata			L	5		Olive, Native				720			915	
Olearia argophylla														
Olearia stellulata														
Omalanthus nutans														
Omalanthus populifolius			L	5		Bleedingheart, Native				270			320	
Opisthiolepis heterophylla			L	1		Oak, Silky, Rose	3	463				3	567	
Opisthiolepis heterophylla			L	5		Oak, Silky , Blush				500			610	
Opisthiolepis heterophylla			L	6		Oak, Silky, Rose				500		3	609.6	
Oreocallis pinnata			L	5		Oak, Dorrigo								
Oreocallis wickhamii			L	5		Oak, Satin				440			530	
Orites excelsa			L	1		Oak, Silky, Southern	12	497	479-515			9	610	586-634
Orites excelsa			L	5		Oak, Silky , Mountain				470			575	
Orites racemosa			L	5		Oak, Silky , Buff				460			560	
Ormosia ormondii			L	5		Bean, Yellow				450			545	
Osbornia octodonta														
Ostrearia australiana			L	5		Alder, Pink , Hard				600			755	
Owenia acidula														
Owenia cepiodora			L	5		Cassia				520			640	
Owenia reticulata														
Owenia venosa			L	1		Almond, Rose	5	740	722-758			5	921	885-957
Owenia venosa			L	5		Almond, Rose				750			960	
Owenia venosa			L	6		Almond, Rose				760	720 - 800	5	974.4	927-1,022
Owenia vernicosa														
Oxylobium arborescens														
Oxylobium lanceolatum														
Ozothamnus diosmifolius														
Ozothamnus ferrugineus														
Palaquium galactoxylum			L	5		Silkwood, Red				460			560	
Palaquium glactoxylum			L	2		Silkwood, Red	5	418				5	501	
Panax elegans			L	5		Basswood, Silver				400			480	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
										1										
												1								
3	885											1								
												1								
												1								
3	554											1								
												1								
												1								
												1								
												1								
8	599	569-629								1		1								
												1								
												1								
												1								
												1								
												1								
5	913	877-949										1								
												1								
												1								
												1								
5	493																		1	
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Panax murrayi			L	5		Basswood, White				340			400	
Panax murrayi			L	6		Basswood, White				270	230 - 310	6	313.6	269-358
Pandanus spp.			L	5		Pandanus*								
Paranthes corymbosa			L	5		Parinari				780			1010	
Pararchidendron pruinosum														
Pararchidendron pruinosum		*var. pruinosum*	L	5		Siris, Tulip				500			610	
Paraserianthes lophantha														
Paraserianthes toona			L	5		Siris, Red				580			720	
Parinari corymbosum			L	5		Parinari				780			1010	
Parinari griffithianum			L	5		Parinari				780			1010	
Parinari nonda			L	5		Parinari				630			785	
Parinari nonda			L	12		Parinari	4	530	425-635					
Pavetta australiensis														
Pemphis acidula														
Pennantia cunninghamii			L	5		Beech, Brown				470			575	
Pentaceras australe			L	5		Ash, Penta				740			945	
Peripentadenia mearsii			L	5		Quandong, Brown-Hearted				610			760	
Persea baileyana			L	5		Bollywood				460			560	
Persoonia attenuata			L	5		Geebung								
Persoonia cornifolia			L	5		Geebung								
Persoonia falcata			L	5		Geebung				710			905	
Persoonia levis														
Persoonia linearis														
Petalostigma pubescens			L	5		Quinine, Forest				810			1055	
Petalostigma quadriloculare			L	5		Quinine, Forest				810			1055	
Petalostigma quadriloculare		*var. glabrescens*	L	5		Quinine, Forest								
Petalostigma triloculare			L	5		Quinine, Forest								
Phebalium bilobum														
Phebalium squameum			L	1		Satinbox	4	695						
Phebalium squamulosum														
Phlebocalymna lobospora			L	5		Beech, Feather				450			545	
Phyllocladus asplenifolius			L	1		Pine, Celery-Top	31	548	530-566			31	646	624-668
Phyllocladus aspleniifolius														
Phyllocladus rhomboidalis			L	6		Pine, Celery Top	29	537.6	521-554			31	644.8	625-665
Picea sitchensis			L	2		Spruce, Sitka	3	348				3	410	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
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												1								
												1								
												1								
												1								
												1								
												1								
														1						
												1								
31	644	622-666												1						
														1						
3	410																		1	

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Pilidiostigma glabrum					p.								
Pinus caribaea	*var. bahamensis*		L	5		Pine, Caribbean				450		545	
Pinus caribaea	*var. caribaea*		L	5		Pine, Caribbean				450		545	
Pinus caribaea	*var. hondurensis*		L	5		Pine, Caribbean				470		575	
Pinus caribaea	(before December 1954)		L	5		Pine, Slash				510		625	
Pinus echinata			L	5		Pine, Short-Leaf				500		610	
Pinus elliottii			L	1		Pine, Slash	4	492			4	596	
Pinus elliottii			L	2	16 y.o.	Pine, Slash	9	594	564-624		9	721	682-760
Pinus elliottii			L	6	p.	Pine, Slash	8	440	411-469		8	525.6	498-554
Pinus elliottii	*var. densa*		L	5		Pine, Slash				510		625	
Pinus elliottii	*var. elliotii*		L	5		Pine, Slash				510		625	
Pinus hondurensis			L	5		Pine, Caribbean				470		575	
Pinus insignis			L	5		Pine, Radiata				450		545	
Pinus insularis			L	5		Pine, Benguet				410		495	
Pinus kesiya			L	5		Pine, Benguet				410		495	
Pinus khasia			L	5		Pine, Benguet				410		495	
Pinus laricio			L	1		Pine, Corsican	2	513			2	631	
Pinus palustris			L	5		Pine, Longleaf				410		495	
Pinus patula			L	5		Pine, Patula				430		520	
Pinus pinaster			L	1		Pine, Maritime	10	490	470-510		10	596	570-622
Pinus ponderosa			L	1		Pine, Yellow, Western	3	376			3	450	
Pinus radiata			L	1		Pine, Radiata	46	485	470-500		46	593	573-613
Pinus radiata			L	1	30-40 y.o.	Pine, Radiata	10	404	380-428		10	487	458-516
Pinus radiata			L	5	10 y.o.	Pine, Radiata				450		545	
Pinus radiata			L	6		Pine, Radiata	78	427.2	419-436		78	505.6	493-518
Pinus taeda			L	1		Pine, Loblolly	10	519	480-558		10	628	577-679
Pinus taeda			L	1		Pine, Loblolly	3	437			3	527	
Pinus taeda			L	6	16 yo	Pine, Loblolly	7	408	356-460		7	481.6	426-538
Pinus teada			L	5		Pine, Loblolly				490		595	
Pipturus argentius													
Pisonia umbellifera			L	5		Cabbagewood				300		350	
Pithecellobium grandiflorum			L	5		Siris, Tulip				510		625	
Pithecellobium lovellae			L	5		Siris, Tulip							
Pithecellobium pruinosum			L	5		Siris, Tulip				500		610	
Pittosporum bicolor													

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
4	596											1								
9	721	682-760																	1	
												1								
												1								
												1								
												1								
												1								
												1								
												1								
2	630										1									
												1								
												1								
10	596	570-622													1					
3	449										1									
46	593	573-613											1		1					
10	485	456-514											1							
												1								
											1		1							
10	633	582-684										1								
3	527											1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Pittosporum melanosperinum			L	5		Pittosporum							
Pittosporum melanospermum													
Pittosporum phylliraeoides			L	5		Pittosporum							
Pittosporum phylliraeoides	*var microcarpa*		L	8		Willow, Native	6	817					
Pittosporum phylliraeoides			L	8		Willow, Native	14	639	630-648		14	805	793-817
Pittosporum revolutum													
Pittosporum rhombifolium			L	1		Holly, White	3	589			3	729	
Pittosporum rhombifolium			L	5		Pittosporum				680		865	
Pittosporum sp.			L	5		Pittosporum							
Pittosporum undulatum			L	5		Pittosporum				680		865	
Placospermum coriaceum			L	5		Oak, Silky , Rose				560		690	
Planchonalla australis			L	5		Apple, Black				700		895	
Planchonalla chartacea			L	5		Planchonella				680		865	
Planchonalla pohlmaniana	*var. asterocarpon*		L	5		Boxwood, Yellow				770		995	
Planchonella arnhemica			L	5		Boxwood, Yellow							
Planchonella australis			L	1		Apple, Black	7	692	652-732		7	871	818-924
Planchonella chartacea			L	1		Plum, Black	4	704			4	880	
Planchonella cotinifolia													
Planchonella eaphlebia			L	6		Boxwood, Hickory	6	828.8	802-855		7	1062.4	1,030-1,095
Planchonella euphlebia	*var. euphlebia*		L	1		Boxwood, Hickory	3	791			3	1016	
Planchonella euphlebia			L	5		Boxwood, Hickory				790		1025	
Planchonella laurifolia			L	1		Coondoo, Blush	2	583			2	705	
Planchonella laurifolia			L	5		Coondoo, Blush				570		705	
Planchonella macrocarpa			L	5		Boxwood, Pink				490		605	
Planchonella obovata			L	5		Boxwood, Yellow				580		720	
Planchonella obovoidea			L	5		Boxwood, Yellow				600		755	
Planchonella papyracea			L	5		Boxwood, Pink				530		655	
Planchonella pohlmaniana			L	5		Boxwood, Yellow				590		735	
Planchonella pohlmanniana			L	1		Boxwood, Yellow	4	583			4	728	
Planchonella sp.			L	5		Boxwood, Plum				700		895	
Planchonella xerocarpa			L	1		Coondoo, Blush	4	539			4	674	
Planchonella xerocarpa			L	5		Coondoo, Blush				570		705	
Planchonia careya													
Pleiococca wilcoxiana			L	5		Aspen, Silver				520		640	
Pleiogynium cerasiferum			L	5		Plum, Tulip				730		930	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
															1	Adelong				
			1143	25	78.9	4.30									1	CALM				
3	722											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
7	846	796-896								1		1								
4	851											1								
												1								
3	1011											1								
												1								
2	695									1		1								
												1								
												1								
												1								
												1								
												1								
												1								
4	705											1								
												1								
4	653											1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Pleiogynium solandri			L	5		Plum, Tulip				730			930	
Pleiogynium timorense			L	2		Plum, Tulip	5	703	645-761			5	852	771-933
Pleiogynium timorense			L	5		Plum, Tulip				730			930	
Pleurostylia opposita														
Podocarpus amarus			L	5		Pine, Black				410			495	
Podocarpus elatus			L	5		Pine, Brown				460			560	
Podocarpus grayi			L	5		Pine, Brown				450			550	
Podocarpus ladei			L	5		Pine, Brown				570			705	
Podocarpus lawrencei														
Podocarpus neriifolius			L	5		Pine, Brown				450			550	
Podopetalum ormondii			L	5		Bean, Yellow				450			545	
Pogonolobus reticulatus														
Polyalthia holtzeana			L	6		Polyalthia, Northern Territory	5	561.6	538-585					
Polyalthia holzetiana			L	1		Polyalthia, Northern Territory	5	575	545-605			5	710	674-746
Polyalthia michaelii			L	5		Beech, Canary				510			625	
Polyalthia micheld			L	6		Beech, Canary				500		3	609.6	
Polyalthia nitidissima			L	5		Beech, Canary				450			545	
Polyosma alangiacea			L	5		Alder, White				580			720	
Polyosma cunninghamii														
Polyscias australiana			L	5		Basswood, Ivory				470			575	
Polyscias elegans			L	5		Basswood, Silver				400			480	
Polyscias murrayi			L	5		Basswood, White				340			400	
Polyscias murrayi			L	6		Basswood, White				270	230 - 310	6	313.6	269-358
Polyscias sambucifolius														
Pomaderris apetala														
Pomaderris argyrophylla														
Pomaderris aspera														
Pomaderris elliptica														
Pomaderris ferruginea														
Pomaderris lanigera														
Pongamia glabra			L	5		Pongamia				550			675	
Pongamia pinnata			L	5		Pongamia				550			675	
Pouteria castanosperma			L	5		Boxwood, Saffron				760			975	
Pouteria sericea														
Premna acuminata			L	5		Vitex				490			595	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
											1									
5	835	763-907																	1	
											1									
											1									
											1									
											1									
											1									
											1									
											1									
																	1			
5	706	671-741															1			
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Premna glabrata			L	5		Vitex				580			725	
Premna lignum-vitae														
Premna lignum-vitao			L	5		Hollywood, Yellow				700			895	
Premna serratifolia														
Prostanthera lasianthos														
Protium australasicum			L	5		Cudgerie, Brown				610			757	
Prumnopitys amara			L	5		Pine, Black				410			495	
Prumnopitys ladei			L	5		Pine, Brown				570			705	
Prunus turneriana			L	5		Almondbark				440			530	
Prymnopitys amara			L	1		Pine, Black	7	394	375-413			7	469	449-489
Pseudocarapa nitidula			L	1		Incensewood	4	628				4	786	
Pseudocarapa nitidula			L	5		Incensewood				640			800	
Pseudomorus brunoniana			L	1		Handlewood, White	5	657	626-688			5	811	752-870
Pseudomorus brunoniana			L	5		Handlewood, White				640			805	
Pseudotsuga menziesii			L	1		Fir, Douglas	3	372				3	449	
Pseudotsuga menziesii			L	2		Fir, Douglas	10	391	368-414			10	461	434-488
Pseudoweinmannia lachnocarpa			L	1	p.	Marari e	4	727				4	894	
Pseudoweinmannia lachnocarpa			L	5		Marari e				690			880	
Pseuduvaria froggattii														
Pseuduvaria villosa														
Psychotria daphnoides														
Psychotria loniceroides														
Pullea stutzeri			L	5		Alder, Hard				660			835	
Pullea stutzeri			L	6		Alder, Hard	1	636.8				4	787.2	
Pygeum turnerianum			L	1		Almond	2	440				2	538	
Pygeum turnerianum			L	5		Almondbark				440			530	
Pygeum turnerianum			L	6		Almond, Wild				430	340 - 520	3	515.2	406-624
Quintinia sieberi			L	5		Possumwood				460			560	
Qyptocarya glaucescens			L	5		Sycamore, Silver				520			640	
Randia benthamiana														
Randia chartacea														
Randia cochinchinensis			L	5		Gardenia, Yellow				700			895	
Randia densiflora			L	5		Gardenia, Yellow				700			895	
Randia fitzalanii			L	5		Gardenia, Brown				660			835	
Randia racemosa			L	5		Gardenia, Yellow				700			895	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
7	468	448-488										1								
4	774												1							
												1								
5	796	752-840										1								
												1								
3	445										1			1						
10	460	433-487																		
4	873											1								
												1								
												1								
												1								
2	535											1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Rapanea achradifolia			L	1		Rapanea	2	716				2	879	
Rapanea achradifolia			L	5		Rapanea				720			915	
Rapanea howittiana														
Rapanea subsessilis														
Rapanea variabilis			L	5		Rapanea				710			910	
Rapanea variabliis														
Ratonia pyriformis			L	5		Tamarind, Pear-Fruited				600			755	
Ratonia stipitata			L	5		Corduroy				760			975	
Rhizophora mucronata			L	5		Mangrove, Red				700			895	
Rhizophora stylosa														
Rhodamnia acuminata			L	5		Malletwood, Silver				730			930	
Rhodamnia argentea			L	1		Malletwood, Silver	2	634				3	835	
Rhodamnia argentea			L	5		Malletwood				660			835	
Rhodamnia blairiana			L	5		Malletwood, Iron				780			1010	
Rhodamnia costata			L	5		Malletwood				660			835	
Rhodamnia rubescens			L	5		Malletwood, Brown				610			770	
Rhodamnia sessiliflora			L	5		Malletwood, Iron				760			975	
Rhodamnia spongiosa			L	6		Ironbark, Scrub				620		3	776	
Rhodamnia trinervia			L	1		Malletwood, Brown	2	562				3	735	
Rhodamnia trinervia			L	5		Malletwood, Brown				610			770	
Rhodomyrtus macrocarpa			L	5		Cherry, Finger				710			905	
Rhodomyrtus trineura														
Rhodosphaera rhodanthema			L	1		Satinwood, Tulip	4	581				4	692	
Rhodosphaera rhodanthema			L	5		Scrubironbark				560			690	
Rhus rhodanthema			L	5		Scrubironbark				560			690	
Rhysotoechia bifoliolata														
Richea dracophylla														
Richea pandanifolia														
Richea scoparia														
Ristantia pachysperfna			L	5		Penda, Yellow				650			815	
Rockinghamia angustifolia			L	5		Kamala				640			800	
Sambucus australasica														
Samecarpus australiensis			L	5		Plum, Cedar				380			450	
Santalum acuminatum			L	8		Quandong	7	786						
Santalum lanceolatum			L	5		Sandalwood				730			930	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
2	873											1								
												1								
												1								
												1								
												1								
												1								
												1								
3	793									1		1								
												1								
												1								
												1								
												1								
												1								
												1								
3	700											1								
												1								
												1								
4	671											1								
												1								
												1								
												1								
												1								
												1								
															1	Kalgoorlie area				
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Santalum lanceolatum			L	8		Plumbush	2	882						
Santalum murrayanum			L	8		Quandong, Bitter	4	723						
Santalum spicatum			L	1		Sandalwood	5	811	751-871			5	969	894-1,044
Santalum spicatum			L	8		Sandalwood	21	784	763-805			21	906	877-935
Santalum spicatum			L	8		Sandalwood	3	1053						
Sarcocaphalus undulatus			L	5		Cheesewood				460			560	
Sarcocephalus bartlingii			L	5		Cheesewood				460			560	
Sarcocephalus coadunatus			L	5		Cheesewood				460			560	
Sarcocephalus cordatus			L	6		Cheesewood	15	497.6	479-516					
Sarcocephalus papagola			L	5		Cheesewood				460			560	
Sarcomelicope simplicifolia														
Sarcomelicope simplicifolia		*ssp. simplicifolia*	L	5		Aspen, Yellow				720			915	
Sarcopteryx stipitata			L	5		Corduroy				760			975	
Sarcotoechia lanceolata			L	5		Tamarind, Pink				610			770	
Scaevola taccada														
Schefflera actinophylla			L	5		Umbrellatree				400			480	
Schizomeria ovata			L	1		Birch, White	24	509	495-523			25	633	614-652
Schizomeria ovata			L	5		Birch, White				520			640	
Schizomeria ovata			L	6		Birch, White	28	529.6	516-543			28	649.6	633-666
Schizomeria whitei			L	5		Birch, White				560			690	
Scolopia braunii			L	5		Scrubironbark				610			770	
Scolopia brownii			L	5		Scrubironbark				610			770	
Scyphiphora hydrophyllacea														
Senna magnifolia														
Senna surattensis														
Senna timoriensis														
Seringia arborescens														
Sersalicia australis			L	5		Apple, Black				700			895	
Sersalisia laurifolia			L	5		Coondoo, Blush				570			705	
Shychnos axillaris			L	5		Boxwood, Threaded				760			975	
Sideroxylon arnhemicum			L	5		Boxwood, Yellow				590			735	
Sideroxylon australe			L	5		Apple, Black				700			895	
Sideroxylon chartaceum			L	5		Planchonella				680			865	
Sideroxylon euphlebium			L	5		Boxwood, Hickory				790			1025	
Sideroxylon euphlebium			L	6		Boxwood, Hickory	6	828.8	802-855			7	1062.4	1,030-1,095

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
															1	Leonora				
															1	Coonana				
5	961	888-1,034													1					
			951	76	22.0	4.30									1	CALM				
															1	Kalgoorlie area				
												1								
												1								
												1								
																	1			
												1								
												1								
												1								
												1								
												1								
24	615	598-632								1		1								
												1								
										1										
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Sideroxylon laurifolium			L	5		Coondoo, Blush				570			705	
Sideroxylon obovatum			L	5		Boxwood, Yellow				580			720	
Sideroxylon pohlmanianum			L	5		Boxwood, Yellow				590			735	
Sideroxylon richardii			L	5		Coondoo, Blush				570			705	
Siphonodon australis			L	5		Ivorywood				630			785	
Siphonodon membranaceus			L	5		Ivorywood				660			835	
Siphonodon pendulus			L	5		Ivorywood, Weeping				570			705	
Sloanea australis			L	1		Alder, Blush	3	455				3	568	
Sloanea australis		*ssp. parviflora*	L	5		Alder, Blush				510			625	
Sloanea langii			L	5		Carabeen, White				560			690	
Sloanea macbrydei			L	1		Carabeen, Grey	3	434				3	519	
Sloanea macbrydei			L	5		Carabeen, Grey				470			575	
Sloanea macbrydei			L	6		Carabeen, Grey				470	430 - 510	8	576	522-630
Sloanea woollsii			L	1		Carabeen, Yellow	15	498	474-522			15	615	585-645
Sloanea woollsii			L	5		Carabeen, Yellow				500			610	
Sonneratia alba														
Sophora tomentosa														
Sphalmium racemosum			L	5		Oak, Silky , Buff				460			560	
Sphenostemon lobosporus			L	5		Beech, Feather				450			545	
Stemonurus australianus			L	5		Beech, Brown				440			530	
Stenocarpus cunninghamii														
Stenocarpus reticulatus			L	5		Oak, Silky , Black				790			1025	
Stenocarpus salignus			L	1		Oak, Silky, Red	4	641				4	806	
Stenocarpus salignus			L	5		Oak, Silky , Red				640			800	
Stenocarpus sinuatus			L	1		Oak, White	4	589				4	774	
Stenocarpus sinuatus			L	5		Oak, Silky , White				610			770	
Sterculia acerifolia			L	5		Kurrajong, Flame				340			400	
Sterculia caudata			L	5		Kurrajong, Northern				380			450	
Sterculia discolor			L	5		Kurrajong, Brush				260			305	
Sterculia diversifolia			L	5		Kurrajong				380			450	
Sterculia laurifolia			L	1		Kurrajong, Northern	4	396				4	495	
Sterculia laurifolia			L	5		Sterculia, Tulip				380			450	
Sterculia laurifolia			L	6		Kurrajong, Northern				350		4	422.4	
Sterculia quadrifida			L	1		Quandong, Red-Fruited	5	296	174-418			5	360	206-514
Sterculia quadrifida			L	5		Kurrajong, Red-Fruited				390			465	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
												1								
												1								
												1								
3	551									1										
												1								
												1								
3	514											1								
												1								
												1								
15	0.593	-30-31								1		1								
												1								
												1								
												1								
												1								
												1								
4	764									1		1								
												1								
4	732									1		1								
												1								
												1								
												1								
												1								
												1								
4	481											1								
												1								
												1								
5	352	205-499										1					1			
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Sterculia shillinglawii			L	5		Sterculia, Tulip				440		530	
Sterculia trichosiphon			L	5		Bottletree, Broad-Leaved							
Sterculla quadrifida			L	6		Kuman	5	308.8	270-347				
Strablus pendulinus			L	5		Handlewood, White				650		815	
Streblus brunonianus			L	5		Handlewood, White				650		815	
Strychnos axillaris													
Strychnos lucida													
Sttychnos arborea			L	5		Boxwood, Threaded				760		975	
Symplocos cochinchinensis													
Symplocos cochinchinensis	*ssp. thwaitesii var. thwaitesii*		L	5		Hazelwood, Buff				510		625	
Symplocos cochinchinensis	*ssp. thwaitesii var. gittonsii*		L	5		Hazelwood, White							
Symplocos cochinchinensis	*ssp. thwaitesii var. stawellii*		L	5		Hazelwood, White							
Symplocos sp.	*aff. S. stawelliii*		L	5		Hazelwood, White							
Symplocos spicata			L	5		Hazelwood, White				450		545	
Symplocos stawellii			L	5		Hazelwood, White				450		545	
Symplocos thwaitesii			L	5		Hazelwood, Buff				510		625	
Syncarpia glomulifera			L	1		Turpentine	15	690	666-714		21	945	912-978
Syncarpia glomulifera			L	5		Turpentine				740		945	
Syncarpia hillfl			L	6		Satinay	10	638.4	631-646		10	838.4	810-867
Syncarpia hillii			L	1		Satinay	22	644	628-660		27	838	822-854
Syncarpia hillii			L	5		Satinay				640		800	
Syncarpia laurifolia			L	5		Turpentine				740		945	
Syncarpia laurifolia			L	6		Turpentine	14	700.8	671-731		13	952	916-988
Syncarpia leptopetala			L	5		Box, Ironwood							
Syncarpia procera			L	5		Turpentine				740		945	
Syncarpia procera			L	6		Turpentine	14	700.8	671-731		13	952	916-988
Syncarpia subargentea			L	1		Box, Ironwood	2	825					
Syncarpia subargentea			L	5		Box, Ironwood				750		960	
Synima cordieri			L	5		Synima				740		945	
Synima cordierorum			L	5		Synima				740		945	
Synoum glandulosum			L	1		Rosewood, Scentless	4	513			4	636	
Synoum glandulosum			L	5		Rosewood, Scentless				550		675	
Synoum muelleri			L	5		Rosewood, Scentless				510		625	
Syzygium alliiligneum			L	5		Satinash, Onion				500		610	
Syzygium australe			L	5		Satinash, Creek				590		735	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
																	1			
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
												1								
21	862	833-891								1		1								
												1								
												1								
27	793	775-811										1								
												1								
												1								
										1		1								
												1								
												1								
										1		1								
												1								
												1								
												1								
												1								
4	620											1								
												1								
												1								
												1								
												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Syzygium bungadinnia			L	5		Satinash, Bungadinnia				550			675	
Syzygium canicortex			L	5		Satinash, Yellow				570			705	
Syzygium coolminianum			L	5		Satinash, Scented				790			1025	
Syzygium cormiflorum			L	5		Satinash, Bumpy				610			770	
Syzygium corynanthum			L	5		Satinash, Killarney				570			705	
Syzygium crebrinerve			L	5		Satinash, Rose				590			735	
Syzygium curvistylum			L	?				764					982	
Syzygium dictyophlebium			L	5		Satinash, Pink				660			840	
Syzygium endophloium			L	5		Satinash, Rolypoly				730			930	
Syzygium eucalyptoides														
Syzygium fijiense			L	?				764					982	
Syzygium floribundum			L	5		Satinash, Weeping				590			735	
Syzygium forte														
Syzygium forte	*ssp. forte*		L	5		Satinash, Flaky-Barked				560			690	
Syzygium francisii			L	5		Satinash, Rose				580			720	
Syzygium gustavioides			L	5		Satinash, Grey				560			690	
Syzygium jambosoides			L	6		Apple, Variegated	5	569.6	534-605					
Syzygium johnsonii			L	5		Satinash, Rose				650			815	
Syzygium kuranda			L	5		Satinash, Kuranda				660			835	
Syzygium luehmannii			L	5		Satinash, Cherry				570			705	
Syzygium nidie			L	?				652					831	
Syzygium oleosum			L	5		Satinash, Scented				790			1025	
Syzygium paniculatum			L	5		Satinash, Creek				590			735	
Syzygium papyraceum			L	5		Satinash, Paperbark				700			895	
Syzygium rubiginosum			L	5		Satinash, Flaky-Barked				560			690	
Syzygium rubiginosurn			L	6		Satinash, Flakybarked				560	490 - 630	5	688	607-769
Syzygium sayeri			L	5		Satinash, Pink				660			840	
Syzygium sp.			L	5		Satinash, Eungella , White				600			755	
Syzygium sp.	*aff. S.claviflorum*		L	5		Satinash, Killarney				570			705	
Syzygium sp.			L	5		Satinash, Onion				500			610	
Syzygium sp.			L	5		Satinash, Paperbark				700			895	
Syzygium sp.			L	5		Satinash, Rolypoly				730			930	
Syzygium sp.	*aff. S. luehmannii*		L	5		Satinash, Yellow				570			705	
Syzygium suborbiculare			L	5		Satinash, Forest				610			770	
Syzygium tiernayanum			L	5		Satinash, Bamaga				560			690	

	Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	Abundance (1,2,3,4,5) See Appendix 2
N.S.W.	963										1
Victoria	963										1
Queensland											1
South Australia	812										1
Tasmania											1
Western Australia											1
(Ref.within WA)											1
Northern Territory											1
Australian Capital Territory											1
Australia											1

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Syzygium trachyphloium			L	5		Satinash, Rough-Barked				450		550	
Syzygium wesa			L	5		Satinash, Eungella , White				600		755	
Syzygium wilsonlii	*ssp. cryptophlebium*		L	5		Satinash, Plum				600		755	
Tabernaemontana orientalis													
Tabernaemontana pandacaqui													
Tamarix sp.			L	6		Athel	6	616	576-656		5	764.8	733-797
Tapeinosperma pseudojambosa													
Tarenna dallachyana													
Tarrietia actinophylla			L	5		Oak, Tulip , Blush				640		800	
Tarrietia argyrodendron			L	5		Oak, Tulip , Brown				720		925	
Tarrietia argyrodendron	*var. peralata*		L	5		Oak, Tulip , Red				640		800	
Tarrietia peralata			L	6		Oak, Tulip, Red	6	628.8	584-673		6	796.8	735-858
Tarrietia trifoliolata			L	5		Oak, Tulip , Brown				720		925	
Tasmannia insipida													
Tasmannia lanceolata													
Terminalia arenicola			L	5		Damson, Brown				640		800	
Terminalia canescens													
Terminalia catappa													
Terminalia hadleyana													
Terminalia malanocarpa			L	5		Damson, Brown				640		800	
Terminalia muelleri													
Terminalia oblongata													
Terminalia platyphylla													
Terminalia platyptera													
Terminalia porphyrocarpa			L	5		Damson, Brown				610		770	
Terminalia sericocarpa			L	5		Damson				520		640	
Terminalia sericocarpa			L	6		Damson	5	550.4	436-665				
Terminalia thozetii			L	5		Damson, Brown				610		770	
Ternstroemia cherryi			L	5		Beech, Cherry				550		675	
Tetrameles nudiflora			L	5		Tetrameles				300		350	
Tetrasynandra laxiflora			L	5		Beech, Tetra							
Tetrasynandra pubescens			L	5		Beech, Tetra				520		640	
Tetrasynandra sp.	*aff. T. laxiflora*		L	5		Beech, Tetra							
Thespesia populnea			L	5		Rosewood, Pacific							
Thespesia populneoides			L	5		Rosewood, Pacific							

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm^3)	95% Probability Range for Mean	Green density (g/cm^3)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1	1							
												1								
												1								
												1								
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												1								

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m³)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm³)	95% Probability Range for Mean
Tieghemopanax elegans			L	1		Basswood, Silver	7	402	379-425			7	482	453-511
Tieghemopanax elegans			L	5		Basswood, Silver				400			480	
Tieghemopanax murrayi			L	1		Basswood, White	7	292	247-337			8	368	316-420
Tieghemopanax murrayi			L	5		Basswood, White				340			400	
Timonius rumphii			L	5		Timonius				520			640	
Timonius rumphii			L	6		Timonius, A	12	492.8	471-514					
Timonius sericens			L	5		Timonius				520			640	
Timonius timon			L	5		Timonius				520			640	
Toechima erythrocarpum			L	5		Tamarind, Pink				630			785	
Toechima lanceolatum			L	5		Tamarind, Pink				610			770	
Toona australis			L	1		Cedar, Red	5	389	342-436			8	444	409-479
Toona australis			L	2		Cedar, Red	15	332	304-360			18	399	372-426
Toona australis			L	5		Cedar, Red				380			450	
Toona ciliata														
Toxylon pomiferum			L	6		Orange, Osage				730	710 - 750	17	939.2	914-964
Trema amboinensis			L	1		Cedar, Peach	7	336	307-365			7	405	369-441
Trema amboinensis			L	5		Cedar, Peach				340			400	
Trema arnboinensis			L	6		Cedar, Peach				320		4	374.4	
Trema orientalis			L	5		Cedar, Peach				340			400	
Trema orientalis			L	6		Cedar, Peach				320		4	374.4	
Trema tomentosa														
Tristania conferta			L	1		Box, Brush	36	687	674-700			41	887	868-906
Tristania conferta			L	5		Box, Brush				690			880	
Tristania conferta			L	6		Box, Brush	19	689.6	671-708			19	881.6	854-909
Tristania exiliflora			L	5		Box, Kanuka				770			995	
Tristania grandiflora			L	5		Box, Swamp , Northern				820			1075	
Tristania lactiflua			L	5		Box, Milky								
Tristania laurina			L	1		Kanuka.	11	628	595-661			13	891	830-952
Tristania laurina			L	5		Box, Kanuka				780			1010	
Tristania odorata			L	5		Penda, Yellow				650			815	
Tristania pachysperma			L	5		Penda, Yellow				650			815	
Tristania suaveolens			L	1		Box, Swamp	11	649	617-681			15	844	806-882
Tristania suaveolens			L	6		Box, Swamp	10	636.8	604-669			9	896	844-948
Tristania suaveolons			L	5		Box, Gilbert River				690			880	
Tristaniopsis collina														

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia (Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
7	479	450-508								1		1							
												1							
7	351	294-408								1		1							
												1							
												1							
																1			
												1							
												1							
												1							
												1							
8	439	403-475																	
18	394	367-421																1	
												1							
											1								
7	339	303-375										1							
												1							
												1							
												1							
												1							
41	857	839-875								1		1							
												1							
										1		1							
												1							
												1							
												1							
13	809	759-859								1	1	1							
												1							
												1							
												1							
15	811	770-852								1		1				1			
												1							
												1							

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC	Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Tristaniopsis exiliflora			L	5		Box, Kanuka				770			995	
Tristaniopsis laurina			L	5		Box, Kanuka				780			1010	
Trochocarpa laurina														
Turraea decandra			L	5		Mahogany, Ivory				610			770	
Turraea pubescens														
Vavaea amicorum			L	5		Vavaea				730			935	
Vavaea australiana			L	5		Vavaea				730			935	
Ventilago viminalis			L	12			1	980						
Verticordia cunninghamii														
Villaresia moorei			L	5		Beech, Silky				550			675	
Villaresia smythii			L	5		Beech, Silky				550			675	
Villaresia smythii			L	6		Beech, Silky, Northern				560		4	694.4	
Viminaria juncea														
Vitex acuminata			L	5		Vitex				490			595	
Vitex glabrata			L	5		Vitex				580			725	
Vitex lignum-vitae			L	1		Hollywood, Yellow	5	756	709-803			5	924	880-968
Vitex lignum-vitae			L	5		Hollywood, Yellow				700			895	
Vitex trifolia														
Waterhousea floribunda			L	5		Satinash, Weeping				590			735	
Waterhousea hedraiophylla			L	5		Satinash, Red				710			900	
Waterhousea unipunctata			L	5		Satinash, Rolypoly								
Waterhousia floribunda														
Weinmannia benthamii			L	5		Mahogany, Brush				520			640	
Weinmannia biagiana			L	5		Mahogany, Brush				520			640	
Weinmannia paniculata			L	5		Alder, Brown				530			655	
Wilkiea huegeliana			L	5		Beech, Tetra								
Wormia alata			L	5		Beech, Red				520			640	
Wormia alata			L	6		Beech, Red				520		4	638.4	
Wrightia laevis		*ssp. millgar*	L	5		Cheesewood, White				280			335	
Wrightia millgar			L	5		Cheesewood, White				280			335	
Wrightia saligna														
X.vlomelum salicinum			L	6		Pear, Wooden				590		4	740.8	
Xanthophyllum macintyrei			L	5		Boxwood, Macintyre's				640			800	
Xanthophyllum octandrum			L	5		Boxwood, Macintyre's				640			800	
Xanthorrhoea thomtonii			L	8		Tree, Grass, Desert	3	459						

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
											1									
											1									
											1									
											1									
											1									
																	1			
											1									
											1									
											1									
											1									
											1									
5	892	847-937									1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
											1									
																1	Great Victoria Desert			

Scientific Name	Sub-Species	Name Notes	Confidence in data (H,M,L)	Data reference	Tree age (mature/age)	Common Names	Number of trees tested	Basic Density (kg/m^3)	95% Probability Range for Mean	Estimated Basic Density from Air-dry (12%) MC Estimated 95% Probability Range for Mean	Number of trees tested	Air-dry density (12%MC) before reconditiong (g/cm^3)	95% Probability Range for Mean
Xanthostemon brachyandrus			L	5		Penda, Daintree				570		705	
Xanthostemon chrysanthus			L	5		Penda, Brown				790		1025	
Xanthostemon oppositifolius			L	5		Penda, Southern				850		1120	
Xanthostemon pachyspermus			L	5		Penda, Yellow				650		815	
Xanthostemon paradoxus													
Xanthostemon pubescens			L	1		Penda, Red	5	855	833-877		5	1057	1,036-1,078
Xanthostemon pubescens			L	5		Penda, Red				810		1055	
Xanthostemon whitei			L	5		Penda, Red				810		1055	
Xylocarpus australasica			L	1		Mangrove, Cedar	4	605			4	710	
Xylocarpus australasica			L	6		Mangrove, Cedar				520	4	646.4	
Xylocarpus australasicum			L	5		Mangrove, Cedar				500		610	
Xylocarpus granatum			L	5		Mangrove, Cedar				500		610	
Xylocarpus granaturn			L	6		Mangrove, Cedar				520	4	646.4	
Xylocarpus moluccensis													
Xylomalum pyriforme			L	5		Pear, Woody				580		720	
Xylomelum angustifolium													
Xylomelum cunninghamii													
Xylomelum pyriforme			L	1		Pear, Wooden	2	525					
Xylomelum salicinum			L	1		Pear, Woody	3	588			3	729	
Xylomelum salicinum			L	5		Penda, Brown				580		720	
Xylomelum scottianum			L	5		Pear, Woody				570		705	
Zanthoxylum brachacanthum													
Zanthoxylum brachyacanthum			L	5		Yellowwood, Thorny				650		825	
Zanthoxylum veneficum			L	1		Yellowwood, Thorny	3	426			3	506	
Zanthoxylum veneficum			L	5		Yellowwood, Thorny				630		790	
Zieria arborescens													
Zygogynum semecarpoides	*var. semecarpoides*		L	5		Beech, Winter				490	1	595	

Number of trees tested	Air-dry density (12%MC) after reconditiong (g/cm³)	95% Probability Range for Mean	Green density (g/cm³)	SD	Green Moisture Content (%)	SD	Area Weighted Density	Data on BD & tree height	Comprehensive Species list	N.S.W.	Victoria	Queensland	South Australia	Tasmania	Western Australia	(Ref.within WA)	Northern Territory	Australian Capital Territory	Australia	Abundance (1,2,3,4,5) See Appendix 2
												1								
												1								
												1								
												1								
5	1051											1								
												1								
		1,029-1,073										1								
4	697											1								
												1								
												1								
												1								
												1								
												1								
										1										
3	694											1								
												1								
												1								
												1								
3	505											1								
												1								
												1								

2. LIST OF TAXA FOR WHICH NO DENSITY DATA IS AVAILABLE[2]

Abrophyllum ornans
Acacia adunca
Acacia argyraea
Acacia baileyana
Acacia bancroftii
Acacia beckleri
Acacia binervata
Acacia binervia
Acacia blakei
Acacia boormanii
Acacia burkittii
Acacia buxifolia
Acacia caerulescens
Acacia calamifolia
Acacia calcicola
Acacia cibaria
Acacia cincinnata
Acacia cognata
Acacia complanata
Acacia coolgardiensis
Acacia crassa
Acacia cultriformis
Acacia cuthbertsonii
Acacia cyclops
Acacia cyperophylla
Acacia decora
Acacia dentifera
Acacia dimidiata
Acacia disparrima
Acacia dunnii
Acacia elata
Acacia estrophiolata
Acacia falcata
Acacia falciformis
Acacia farnesiana
Acacia fascuculifera
Acacia filicifolia
Acacia fimbriata
Acacia floribunda
Acacia frigescens
Acacia gonocarpa
Acacia gonoclada
Acacia hakeoides
Acacia hammondii
Acacia howittii
Acacia humifusa
Acacia iteaphylla
Acacia julifera
Acacia jutsonii
Acacia kempeana
Acacia kettlewelliae
Acacia lamprocarpa
Acacia latifolia
Acacia leprosa
Acacia leptocarpa
Acacia leptostachya
Acacia leucoclada
Acacia ligulata
Acacia linifolia
Acacia linophylla
Acacia loderi
Acacia longifolia
Acacia lysiphloia
Acacia macradenia
Acacia mearnsii
Acacia melvillei
Acacia microbotrya
Acacia montana
Acacia monticola
Acacia mucronata
Acacia muelleriana
Acacia multisiliqua
Acacia neriifolia
Acacia neurophylla
Acacia obliquinervia
Acacia obtusifolia
Acacia oncinocarpa
Acacia oxycedrus
Acacia parramattensis
Acacia pentadenia
Acacia platycarpa
Acacia plectocarpa
Acacia podalyriifolia
Acacia polybotrya
Acacia polystachya
Acacia pravissima
Acacia prominens
Acacia pruinosa
Acacia pycnantha
Acacia pyrifolia
Acacia quadrimarginea
Acacia retinodes
Acacia retivenea
Acacia rhodophloia
Acacia rigens
Acacia rivalis
Acacia rostellifera
Acacia rubida
Acacia saligna
Acacia sessiliceps
Acacia signata
Acacia silvestris
Acacia sparsiflora
Acacia stowardii
Acacia stricta
Acacia strongylophylla
Acacia subporosa
Acacia sutherlandii
Acacia tephrina
Acacia terminalis
Acacia thomsonii
Acacia torulosa
Acacia triptera
Acacia tropica
Acacia tumida
Acacia validinervia
Acacia verniciflua
Acacia verticillata
Acacia vestita
Acalypha eremorum
Aceratium ferrugineum
Acmena hemilampra
Acmena ingens
Acronychia imperforata
Acronychia oblongifolia
Acronychia pauciflora
Acronychia pubescens
Acronychia wilcoxiana
Acrotriche aggregata

[2] Note the species list has not been checked exhaustively for botanical synonyms particularly of the lesser known taxa.

Actephila lindleyi
Actinostrobus arenarius
Actinostrobus pyramidalis
Adansonia gregorii
Aegiceras corniculatum
Agastachys odorata
Aglaia elaeagnoidea
Aglaia sapindina
Agonis flexuosa
Agonis juniperina
Agonis linearifolia
Ailanthus triphysa
Albizia canescens
Albizia lebbeck
Alchornea ilicifolia
Alectryon connatus
Alectryon diversifolius
Alectryon oleifolius
Alectryon subcinereus
Alectryon tomentosus
Allocasuarina campestris
Allocasuarina distyla
Allocasuarina fraseriana
Allocasuarina helmsii
Allocasuarina lehmanniana
Allocasuarina monilifera
Allocasuarina muelleriana
Allocasuarina paludosa
Allocasuarina verticillata
Alyxia ilicifolia
Alyxia magnifolia
Alyxia ruscifolia
Alyxia spicata
Ancana stenopetala
Angophora leiocarpa
Anopterus glandulosus
Antidesma ghaesembilla
Apophyllum anomalum
Archidendron grandiflorum
Argophyllum nullumense
Argyrodendron polyandrum
Aristotelia peduncularis
Astartea fascicularis
Asterotrichion discolor
Astrotricha latifolia
Atalaya hemiglauca
Athrotaxis cupressoides
Athrotaxis laxiflolia
Austrobuxus swainii
Austromyrtus acmenioides
Austromyrtus bidwillii
Austromyrtus hillii
Avicennia marina
Backhousia angustifolia
Baeckea virgata
Banksia cunninghamii
Banksia dentata
Banksia ericifolia
Banksia grandis
Banksia ilicifolia
Banksia littoralis
Banksia menziesii
Banksia ornata
Banksia prionotes
Banksia robur
Banksia seminuda
Banksia sphaerocarpa
Banksia spinulosa
Barringtonia acutangula
Bedfordia arborescens
Bedfordia salicina
Berrya javanica
Berrya rotundifolia
Beyeria lasiocarpa
Beyeria viscosa
Bosistoa pentacocca
Brachychiton bidwillii
Brachychiton gregorii
Brachychiton paradoxus
Brachychiton populneus
Breynia cernua
Breynia oblongifolia
Brucea javanica
Bruguiera exaristata
Bruguiera gymnorhiza
Bruguiera parviflora
Buchanania obovata
Bursaria incana
Bursaria lasiophylla
Callistemon brachyandrus
Callistemon citrinus
Callistemon linearis
Callistemon pallidus
Callistemon pityoides
Callistemon pungens
Callistemon rugulosus
Callistemon sieberi
Callitris baileyi
Callitris canescens
Callitris drummondii
Callitris gracilis
Callitris oblonga
Callitris roei
Callitris verrucosa
Calothamnus quadrifidus
Calytrix stipulata
Camptostemon schultzii
Capparis loranthifolia
Capparis lucida
Capparis mitchelii
Casearia multinervosa
Cassia tomentella
Cassine australis
Cassinia aculeata
Cassinia longifolia
Cassinia quinquefaria
Cassinia trinerva
Castanospora alphandi
Casuarina cunninghamii
Casuarina obesa
Cathormion umbellatum
Celtis phillipensis
Cenarrhenes nitida
Ceratopetalum corymbosum
Ceratopetalum gummiferum
Choretrum candollei
Choricarpa leptopetala
Choricarpa subargentea
Citriobatus pauciflorus
Citriobatus spinescens
Claoxylon australe
Claoxylon tenerifolium
Cleistanthus cunninghamii
Cochlospermum fraseri
Cochlospermum gillivrayaei

Colubrina asiatica
Commersonia fraseri
Corda subcordata
Correa lawrenciana
Corymbia aparrerinja
Corymbia aspera
Corymbia bella
Corymbia bleeseri
Corymbia candida
Corymbia capricornia
Corymbia clarksoniana
Corymbia dolichocarpa
Corymbia dunlopiana
Corymbia eremaea
Corymbia erythrophloia
Corymbia ferruginea
Corymbia foelscheana
Corymbia grandifolia
Corymbia hamersleyana
Corymbia leichhardtii
Corymbia nesophila
Corymbia opaca
Corymbia ptychocarpa
Corymbia terminalis
Corymbia tumescens
Corymbia variegata [3]
Crotalaria cunninghamii
Croton acronychioides
Croton arnhemicus
Croton habrophyllus
Croton insularis
Croton phebalioides
Croton verreauxii
Cryptocarya bidwillii
Cryptocarya laevigata
Cuttsia viburnea
Cyathodes glauca
Cyathodes juniperina
Daviesia latifolia
Daviesia mimosoides
Dendrocnide moroides
Dendrocnide photiniphylla
Dendrolobium umbellatum
Denhamia oleaster
Denhamia pittosporoides
Dichrostachys spicata
Diospyros humilis
Diploglottis diphyllostegia
Diselma archeri
Dodonaea filifolia
Dodonaea platyptera
Dodonaea stenophylla
Dodonaea viscosa
Dolichandrone heterophylla
Dryandra formosa
Dryandra sessilis
Drypetes deplanchei
Duboisia hopwoodii
Duboisia leichhardtii
Dysoxylum latifolium
Dysoxylum mollissimum
Ehretia membranifolia
Ehretia saligna
Elaeocarpus holopetalus
Emmenosperma cunninghamii
Eremocitrus glauca
Eremophila bignoniiflora
Eremophila deserti
Eremophila latrobei
Eremophila oppositifolia
Eriostemon myoporoides
Eriostemon trachyphyllus
Erythroxylum australe
Eucalyptus arachnaea
Eucalyptus aromaphloia
Eucalyptus behriana
Eucalyptus bigalerita
Eucalyptus camphora
Eucalyptus cephalocarpa
Eucalyptus comitae-vallis
Eucalyptus conferruminata
Eucalyptus crenulata
Eucalyptus decipiens
Eucalyptus diversifolia
Eucalyptus drummondii
Eucalyptus dumosa
Eucalyptus elata
Eucalyptus eremophila
Eucalyptus eucentrica
Eucalyptus falcata
Eucalyptus fibrosa [3]
Eucalyptus forrestiana
Eucalyptus gillenii
Eucalyptus gunnii
Eucalyptus incrassata
Eucalyptus johnstonii [3]
Eucalyptus kondininensis
Eucalyptus leptophylla
Eucalyptus leucophloia
Eucalyptus mannensis
Eucalyptus merrickiae
Eucalyptus nicholii
Eucalyptus nitida
Eucalyptus nortonii
Eucalyptus perriniana
Eucalyptus persistens
Eucalyptus phaenophylla
Eucalyptus platyphylla
Eucalyptus pluricaulis
Eucalyptus porosa
Eucalyptus preissiana
Eucalyptus pulchella
Eucalyptus rodwayii
Eucalyptus rudis
Eucalyptus socialis
Eucalyptus sparsifolia
Eucalyptus spathulata
Eucalyptus stellulata
Eucalyptus subargentea
Eucalyptus subcrenulata
Eucalyptus tectifera
Eucalyptus torquata
Eucalyptus tricarpa
Eucalyptus vernicosa
Eugenia reinwardtiana
Eupomatia laurina
Exocarpos latifolia
Exocarpos sparteus
Fagraea racemosa
Ficus benjamina
Ficus microcarpa
Ficus obliqua

[3] Underlined species will require determination in stage 2.

Ficus superba
Flueggia virosa
Garcinia warrenii
Gardenia megasperma
Gardenia pyriformis
Gastrolobium bilobum
Gastrolobium callistachys
Geijera latifolia
Geissois benthamiana
Glochidion disparipes
Glochidion lobocarpum
Glycosmis pentaphylla
Glycosmis trifoliata
Goodia lotifolia
Grevillea agrifolia
Grevillea aspleniifolia
Grevillea banksii
Grevillea barklyana
Grevillea decora
Grevillea decurrens
Grevillea dimidiata
Grevillea excelsior
Grevillea glauca
Grevillea heliosperma
Grevillea johnsonii
Grevillea juncifolia
Grevillea mimosoides
Grevillea obliquistigma
Grevillea parallela
Grevillea pterosperma
Grevillea pyramidalis
Grevillea refracta
Grevillea stenobotrya
Grewia breviflora
Grewia latifolia
Guettardia speciosa
Guettardiella tenuiflora
Guilfoylia monostylis
Guioa semiglauca
Gynatrix pulchella
Hakea arborescens
Hakea arida
Hakea chordophylla
Hakea coriacea
Hakea cucullata
Hakea cunninghamii
Hakea dactyloides
Hakea decurrens
Hakea epiglottis
Hakea eriantha
Hakea eyreana
Hakea fraseri
Hakea laurina
Hakea lissosperma
Hakea macrocarpa
Hakea muelleriana
Hakea nodosa
Hakea petiolaris
Hakea platysperma
Hakea plurinervia
Hakea prostrata
Hakea recurva
Hakea rostrata
Hakea salicifolia
Hakea sericea
Hakea tephrosperma
Hakea ulicina
Hakea varia
Hakea victoria
Harpullia hillii
Harrisonia brownii
Helicia australasica
Helicia glabriflora
Hernandia bivalvis
Hernandia nymphaeifolia
Hibiscus heterophyllus
Hibiscus splendens
Hodgkinsonia ovatifolia
Hymenanthera dentata
Ichnocarpus serpyllifolius
Ixora beckleri
Ixora klanderiana
Jacksonia furcellata
Jacksonia scoparia
Jacksonia thesioides
Kunzea ericoides
Lagarostrobos franklinii
Lagunaria patersonia
Larsenaikia ochreata
Leptospermum brachyandrum
Leptospermum brevipes
Leptospermum grandifolium
Leptospermum laevigatum
Leptospermum madidum
Leptospermum nitidum
Leptospermum petersonii
Leptospermum polygalifolium
Leptospermum scoparium
Leptospermum squarrosum
Leptospermum trinervium
Leucopogon parviflorus
Litsea australis
Lomatia fraseri
Lomatia myricoides
Lophospermum grandiflorus
Lumnitzera racemosa
Lysiphyllum cunninghamii
Lysiphyllum gilvum
Macadamia integrifolia
Macadamia tetraphylla
Malaisia scandens
Mallotus claoxyloides
Mallotus nesophilus
Maytenus cunninghamii
Maytenus silvestris
Medicosma cunninghamii
Melaleuca acacioides
Melaleuca acerosa
Melaleuca armillaris
Melaleuca brevifolia
Melaleuca cajuputi
Melaleuca cuticularis
Melaleuca dealbata
Melaleuca decora
Melaleuca decussata
Melaleuca dissitifora
Melaleuca eleuterostachys
Melaleuca ericifolia
Melaleuca groveana
Melaleuca halmaturorum
Melaleuca hypericifolia
Melaleuca incana
Melaleuca lasiandra
Melaleuca lateriflora
Melaleuca nervosa

Melaleuca nesophila
Melaleuca nodosa
Melaleuca preissiana
Melaleuca rhaphiophylla
Melaleuca squarrosa
Melaleuca styphelioides
Melaleuca thymifolia
Melaleuca thyoides
Melastoma affine
Melicope elleryana
Melicope micrococca
Melicope vitiflora
Memecylon pauciflorum
Microcitrus australasica
Micromelum minutum
Mischocarpus lachnocarpus
Monotoca elliptica
Morinda citrifolia
Murraya paniculata
Myoporum acuminatum
Myoporum insulare
Myoporum montanum
Neisosperma poweri
Neolitsea dealbata
Nestegis ligustrina
Notelaea microcarpa
Notelaea venosa
Nuytsia floribunda
Ochrosia elliptica
Olearia argophylla
Olearia stellulata
Omalanthus nutans
Osbornia octodonta
Owenia acidula
Owenia reticulata
Owenia vernicosa
Oxylobium arborescens
Oxylobium lanceolatum
Ozothamnus diosmifolius
Ozothamnus ferrugineus
Pararchidendron pruinosum
Paraserianthes lophantha
Pavetta australiensis
Pemphis acidula
Persoonia levis
Persoonia linearis
Phebalium bilobum
Phebalium squamulosum
Phyllocladus aspleniifolius
Pilidiostigma glabrum
Pipturus argentius
Pittosporum bicolor
Pittosporum melanospermum
Pittosporum revolutum
Planchonella cotinifolia
Planchonia careya
Pleurostylia opposita
Podocarpus lawrencei
Pogonolobus reticulatus
Polyosma cunninghamii
Polyscias sambucifolius
Pomaderris apetala
Pomaderris argyrophylla
Pomaderris aspera
Pomaderris elliptica
Pomaderris ferruginea
Pomaderris lanigera
Pouteria sericea
Premna lignum-vitae
Premna serratifolia
Prostanthera lasianthos
Pseuduvaria froggattii
Pseuduvaria villosa
Psychotria daphnoides
Psychotria loniceroides
Randia benthamiana
Randia chartacea
Rapanea howittiana
Rapanea subsessilis
Rapanea variabliis
Rhizophora stylosa
Rhodomyrtus trineura
Rhysotoechia bifoliolata
Richea dracophylla
Richea pandanifolia
Richea scoparia
Sambucus australasica
Sarcomelicope simplicifolia
Scaevola taccada
Scyphiphora hydrophyllacea
Senna magnifolia
Senna surattensis
Senna timoriensis
Seringia arborescens
Sonneratia alba
Sophora tomentosa
Stenocarpus cunninghamii
Strychnos axillaris
Strychnos lucida
Symplocos cochinchinensis
Syzygium eucalyptoides
Syzygium forte
Tabernaemontana orientalis
Tabernaemontana pandacaqui
Tapeinosperma pseudojambosa
Tarenna dallachyana
Tasmannia insipida
Tasmannia lanceolata
Terminalia canescens
Terminalia catappa
Terminalia hadleyana

APPENDIX 2

1. AUSTRALIAN NATIVE FOREST TREE SPECIES HARVESTED COMMERCIALLY (TERMS OF REFERENCE RELEVANT TO THIS PART OF THE CONSULTANCY)

The terms of reference for this part of the consultancy can be summarised as follows-

1. Prepare/provide a list of common tree species in Australia.
2. Indicate those species that are commonly harvested in Australia.
3. Provide species distribution maps on these key species.

In addition provide data on:

1. Areas (ha) of hardwood plantations in Australia and species composition.
2. How wood density data on common species might be applied to the task of assessing carbon stocks for forests that are not being commercially harvested.

2. METHOD

2.1 A list of common tree species.

A list of common tree species was prepared with the assistance of Mr Arthur Court[4].

As a test for this list of species we have compared it to another official list of 101 common forest-dominant eucalypt species and 80% matched. The official list used first appeared in 'Australia's State of the Forest Report' (Bureau of Resource Sciences, 1998). This list had the approval of the various State Forest Services although it is clear that a few of these species are not as common as claimed e.g. *E. baileyana* is a rather uncommon eucalypt. Nevertheless any list will be subject to some 'noise', including ours. We are satisfied our list is reasonable.

2.2 Species commercially harvested in each State

Each of the State Forest Services was contacted to determine the actual tree species and volumes being harvested in natural forests.

Most States have statistics on volumes (and sometimes 'tonnes') of timber being extracted on a yearly basis. Data is presented on volumes of timber harvested for each species and the species composition (percentage of total cut per category). We took the figures for the 1998/99 financial year as indicative of the harvest statistics for tree species in most years.

Common problems that arise in these statistics are:

- few States keep very accurate statistics on all species being harvested. In general terms good statistics exist only for the top 2 or 3 species harvested in each State; and
- most States do not have good statistics for actual species included under the pulpwood category. In general 10-20 species may be lumped together as pulpwood species.

The key point we focused on was to determine the percentage (by volume) of each species harvested in each State. Because we have estimates of wood densities for most of the major species harvested, and estimates of volumes harvested, it should be possible to determine more accurately (than was previously possible) the amounts of carbon removed on a species basis.

[4] Retired Fellow, Canberra National Botanic Gardens

2.3 Plantation eucalypts

Details on areas of plantation eucalypts and key species was gathered from various official records and from telephone discussions with key informants.

2.4 Forest biomass inventory: through the incorporation of wood density values for common species.

The biomass of Australian forests is currently being estimated by the AGO. To calculate carbon stocks more accurately a correction factor is required to take account of the wood densities of common species growing in particular regions of Australia.

It is impractical to measure the wood density of all species in Australia.

To practically assess the total Australian forest biomass all forests need to be categorisied by either structural class, or geographic region. The most common species in each category (say 3-5 species) could have their wood densities estimated and a standard wood density value per category could be calculated.

In general terms wood densities of Australia trees increase from wetter to drier areas. This could be used to double check the wood density estimates per forest category.

If we are to proceed with this 'category' clear guidelines from the AGO are needed to identify the most appropriate categories to use. The task then is to identify key species and collect or measure wood densities.

3. RESULTS

3.1 Natural and commercial species

Table 1 is a list of common tree species in Australia with an indication of the most commonly harvested tree species in each State. Where possible, for each State we have listed species harvested in priority order (numbers in brackets).

Table 1. List of common species in Australia (supplied by Mr. Arthur Court). Column 1 lists those common species in "Australia's State of Forest Report" whilst Columns 2-6 list those species commonly harvested in State Forests in Australia

Key: 'yes' in a column indicates that the species is harvested in that State. The number in brackets represents the relative importance of that species within the State (if known). Those species underlined are very important.

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Abrophyllum ornans	F139 Escalloniaceae						
Acacia acradenia	F144 Mimosaceae						
Acacia acuminata.	F144 Mimosaceae						
Acacia adsurgens.	F144 Mimosaceae						
Acacia adunca.	F144 Mimosaceae						
Acacia ampliceps.	F144 Mimosaceae						
Acacia aneura.	F144 Mimosaceae						
Acacia argyraea.	F144 Mimosaceae						
Acacia aulacocarpa	F144 Mimosaceae						
Acacia auriculiformis.	F144 Mimosaceae						
Acacia baileyana.	F144 Mimosaceae						
Acacia bancroftii.	F144 Mimosaceae						
Acacia beckleri	F144 Mimosaceae						
Acacia bidwillii	F144 Mimosaceae						
Acacia binervata	F144 Mimosaceae						
Acacia binervia	F144 Mimosaceae						
Acacia bivenosa	F144 Mimosaceae						
Acacia blakei	F144 Mimosaceae						
Acacia boormanii.	F144 Mimosaceae						
Acacia brachystachya	F144 Mimosaceae						
Acacia burkittii	F144 Mimosaceae						
Acacia buxifolia	F144 Mimosaceae						
Acacia caerulescens	F144 Mimosaceae						
Acacia calamifolia	F144 Mimosaceae						
Acacia calcicola	F144 Mimosaceae						
Acacia cambagei	F144 Mimosaceae						
Acacia cibaria	F144 Mimosaceae						
Acacia cincinnata	F144 Mimosaceae						
Acacia cintrinoviridis	F144 Mimosaceae						
Acacia cognata	F144 Mimosaceae						
Acacia complanata	F144 Mimosaceae						
Acacia concurrens	F144 Mimosaceae						
Acacia coolgardiensis	F144 Mimosaceae						
Acacia coriacea	F144 Mimosaceae						
Acacia crassa	F144 Mimosaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Acacia crassicarpa	F144 Mimosaceae						
Acacia cultriformis	F144 Mimosaceae						
Acacia cuthbertsonii	F144 Mimosaceae						
Acacia cyclops	F144 Mimosaceae						
Acacia cyperophylla	F144 Mimosaceae						
Acacia dealbata	F144 Mimosaceae			yes			yes
Acacia deanei	F144 Mimosaceae						
Acacia decora	F144 Mimosaceae						
Acacia decurrens	F144 Mimosaceae						
Acacia dentifera	F144 Mimosaceae						
Acacia dictyophleba	F144 Mimosaceae						
Acacia difficilis	F144 Mimosaceae						
Acacia dimidiata	F144 Mimosaceae						
Acacia disparrima	F144 Mimosaceae						
Acacia doratoxylon	F144 Mimosaceae						
Acacia dunnii	F144 Mimosaceae						
Acacia elata	F144 Mimosaceae						
Acacia elongata	F144 Mimosaceae						
Acacia estrophiolata	F144 Mimosaceae						
Acacia excelsa	F144 Mimosaceae						
Acacia falcata	F144 Mimosaceae						
Acacia falciformis	F144 Mimosaceae						
Acacia farnesiana	F144 Mimosaceae						
Acacia fascuculifera	F144 Mimosaceae						
Acacia filicifolia	F144 Mimosaceae						
Acacia fimbriata	F144 Mimosaceae						
Acacia floribunda	F144 Mimosaceae						
Acacia frigescens	F144 Mimosaceae						
Acacia georginae	F144 Mimosaceae						
Acacia gonocarpa	F144 Mimosaceae						
Acacia gonoclada	F144 Mimosaceae						
Acacia hakeoides	F144 Mimosaceae						
Acacia hammondii	F144 Mimosaceae						
Acacia harpophylla	F144 Mimosaceae						
Acacia hemignosta	F144 Mimosaceae						
Acacia hemsleyi	F144 Mimosaceae						
Acacia holosericea	F144 Mimosaceae						
Acacia howittii	F144 Mimosaceae						
Acacia humifusa	F144 Mimosaceae						
Acacia implexa	F144 Mimosaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Acacia irrorata	F144 Mimosaceae						
Acacia iteaphylla	F144 Mimosaceae						
Acacia jennerae	F144 Mimosaceae						
Acacia julifera	F144 Mimosaceae						
Acacia jutsonii	F144 Mimosaceae						
Acacia kempeana	F144 Mimosaceae						
Acacia kettlewelliae	F144 Mimosaceae						
Acacia laccata	F144 Mimosaceae						
Acacia lamprocarpa	F144 Mimosaceae						
Acacia lasiocalyx	F144 Mimosaceae						
Acacia latifolia	F144 Mimosaceae						
Acacia leiocalyx	F144 Mimosaceae						
Acacia leprosa	F144 Mimosaceae						
Acacia leptocarpa	F144 Mimosaceae						
Acacia leptostachya	F144 Mimosaceae						
Acacia leucoclada	F144 Mimosaceae						
Acacia ligulata	F144 Mimosaceae						
Acacia linifolia	F144 Mimosaceae						
Acacia linophylla	F144 Mimosaceae						
Acacia loderi	F144 Mimosaceae						
Acacia longifolia	F144 Mimosaceae						
Acacia longissima	F144 Mimosaceae						
Acacia lysiphloia	F144 Mimosaceae						
Acacia macradenia	F144 Mimosaceae						
Acacia maidenii	F144 Mimosaceae						
Acacia mearnsii	F144 Mimosaceae						
Acacia melanoxylon	F144 Mimosaceae			yes			yes
Acacia melvillei	F144 Mimosaceae						
Acacia microbotrya	F144 Mimosaceae						
Acacia montana	F144 Mimosaceae						
Acacia monticola	F144 Mimosaceae						
Acacia mucronata	F144 Mimosaceae						
Acacia muelleriana	F144 Mimosaceae						
Acacia multisiliqua	F144 Mimosaceae						
Acacia murrayana	F144 Mimosaceae						
Acacia neriifolia	F144 Mimosaceae						
Acacia neurophylla	F144 Mimosaceae						
Acacia obliquinervia	F144 Mimosaceae						
Acacia obtusifolia	F144 Mimosaceae						
Acacia omalophylla	F144 Mimosaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Acacia oncinocarpa	F144 Mimosaceae						
Acacia oswaldii	F144 Mimosaceae						
Acacia oxycedrus	F144 Mimosaceae						
Acacia papyrocarpa	F144 Mimosaceae						
Acacia parramattensis	F144 Mimosaceae						
Acacia pellita	F144 Mimosaceae						
Acacia pendula	F144 Mimosaceae						
Acacia penninervis	F144 Mimosaceae						
Acacia pentadenia	F144 Mimosaceae						
Acacia peuce	F144 Mimosaceae						
Acacia platycarpa	F144 Mimosaceae						
Acacia plectocarpa	F144 Mimosaceae						
Acacia podalyriifolia	F144 Mimosaceae						
Acacia polybotrya	F144 Mimosaceae						
Acacia polystachya	F144 Mimosaceae						
Acacia pravissima	F144 Mimosaceae						
Acacia prominens	F144 Mimosaceae						
Acacia pruinocarpa	F144 Mimosaceae						
Acacia pruinosa	F144 Mimosaceae						
Acacia pycnantha	F144 Mimosaceae						
Acacia pyrifolia	F144 Mimosaceae						
Acacia quadrimarginea	F144 Mimosaceae						
Acacia ramulosa	F144 Mimosaceae						
Acacia retinodes	F144 Mimosaceae						
Acacia retivenea	F144 Mimosaceae						
Acacia rhodophloia	F144 Mimosaceae						
Acacia rigens	F144 Mimosaceae						
Acacia rivalis	F144 Mimosaceae						
Acacia rostellifera	F144 Mimosaceae						
Acacia rubida	F144 Mimosaceae						
Acacia salicina	F144 Mimosaceae						
Acacia saligna	F144 Mimosaceae						
Acacia sessiliceps	F144 Mimosaceae						
Acacia shirleyi	F144 Mimosaceae						
Acacia signata	F144 Mimosaceae						
Acacia silvestris	F144 Mimosaceae						
Acacia sparsiflora	F144 Mimosaceae						
Acacia spectabilis	F144 Mimosaceae						
Acacia stenophylla	F144 Mimosaceae						
Acacia stowardii	F144 Mimosaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Acacia stricta	F144 Mimosaceae						
Acacia strongylophylla	F144 Mimosaceae						
Acacia subporosa	F144 Mimosaceae						
Acacia sutherlandii	F144 Mimosaceae						
Acacia tenuissima	F144 Mimosaceae						
Acacia tephrina	F144 Mimosaceae						
Acacia terminalis	F144 Mimosaceae						
Acacia tetragonophylla	F144 Mimosaceae						
Acacia thomsonii	F144 Mimosaceae						
Acacia torulosa	F144 Mimosaceae						
Acacia triptera	F144 Mimosaceae						
Acacia tropica	F144 Mimosaceae						
Acacia tumida	F144 Mimosaceae						
Acacia validinervia	F144 Mimosaceae						
Acacia verniciflua	F144 Mimosaceae						
Acacia verticillata	F144 Mimosaceae						
Acacia vestita	F144 Mimosaceae						
Acacia victoriae	F144 Mimosaceae						
Acalypha eremorum	F177 Euphorbiaceae						
Aceratium ferrugineum	F103 Elaeocarpaceae						
Aceratium megalospermum	F103 Elaeocarpaceae						
Acmena hemilampra	F153 Myrtaceae						
Acmena ingens	F153 Myrtaceae						
Acmena smithii	F153 Myrtaceae						
Acradenia euodiiformis	F195 Rutaceae						
Acronychia imperforata	F195 Rutaceae						
Acronychia laevis	F195 Rutaceae						
Acronychia oblongifolia	F195 Rutaceae						
Acronychia pauciflora	F195 Rutaceae						
Acronychia pubescens	F195 Rutaceae						
Acronychia wilcoxiana	F195 Rutaceae						
Acrotriche aggregata	F123 Epacridaceae						
Actephila lindleyi	F177 Euphorbiaceae						
Actinostrobus arenarius	F042 Cupressaceae						
Actinostrobus pyramidalis	F042 Cupressaceae						
Adansonia gregorii	F106 Bombacaceae						
Aegiceras corniculatum	F127 Myrsinaceae						
Agastachys odorata	F161 Proteaceae						
Agathis robusta	F039 Araucariaceae						
Aglaia elaeagnoidea	F193 Meliaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Aglaia sapindina	F193 Meliaceae						
Agonis flexuosa	F153 Myrtaceae						
Agonis juniperina	F153 Myrtaceae						
Agonis linearifolia	F153 Myrtaceae						
Aidia racemosa	F252 Rubiaceae						
Ailanthus triphysa	F191 Simaroubaceae						
Albizia canescens	F144 Mimosaceae						
Albizia lebbeck	F144 Mimosaceae						
Albizia procera	F144 Mimosaceae						
Alchornea ilicifolia	F177 Euphorbiaceae						
Alectryon connatus	F186 Sapindaceae						
Alectryon diversifolius	F186 Sapindaceae						
Alectryon oleifolius	F186 Sapindaceae						
Alectryon subcinereus	F186 Sapindaceae						
Alectryon tomentosus	F186 Sapindaceae						
Aleurites moluccana	F177 Euphorbiaceae						
Allocasuarina acutivalvis	F081 Casuarinaceae						
Allocasuarina campestris	F081 Casuarinaceae						
Allocasuarina decaisneana	F081 Casuarinaceae						
Allocasuarina distyla	F081 Casuarinaceae						
Allocasuarina fraseriana	F081 Casuarinaceae					yes	
Allocasuarina helmsii	F081 Casuarinaceae						
Allocasuarina huegeliana	F081 Casuarinaceae						
Allocasuarina inophloia	F081 Casuarinaceae						
Allocasuarina lehmanniana	F081 Casuarinaceae						
Allocasuarina littoralis	F081 Casuarinaceae						
Allocasuarina luehmannii	F081 Casuarinaceae						
Allocasuarina monilifera	F081 Casuarinaceae						
Allocasuarina muelleriana	F081 Casuarinaceae						
Allocasuarina paludosa	F081 Casuarinaceae						
Allocasuarina torulosa	F081 Casuarinaceae						
Allocasuarina verticillata	F081 Casuarinaceae						
Alphitonia excelsa	F180 Rhamnaceae						
Alphitonia petriei	F180 Rhamnaceae						
Alstonia actinophylla	F216 Apocynaceae						
Alstonia constricta	F216 Apocynaceae						
Alstonia scholaris	F216 Apocynaceae						
Alyxia ilicifolia	F216 Apocynaceae						
Alyxia magnifolia	F216 Apocynaceae						
Alyxia ruscifolia	F216 Apocynaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Alyxia spicata	F216 Apocynaceae						
Amorphospermum antilogum	F124 Sapotaceae						
Ancana stenopetala	F049 Annonaceae						
Angophora costata	F153 Myrtaceae						
Angophora floribunda	F153 Myrtaceae						
Angophora leiocarpa	F153 Myrtaceae						
Angophora subvelutina	F153 Myrtaceae						
Angophora woodsiana	F153 Myrtaceae						
Anodopetalum biglandulosum	F130 Cunoniaceae						
Anopterus glandulosus	F139 Escalloniaceae						
Anthocarapa nitidula	F193 Meliaceae						
Antidesma ghaesembilla	F179 Stilaginaceae						
Aphananthe philippinensis	F074 Ulmaceae						
Apophyllum anomalum	F117 Capparaceae						
Araucaria bidwillii	F039 Araucariaceae						
Araucaria cunninghamii	F039 Araucariaceae						
Archidendron grandiflorum	F144 Mimosaceae						
Argophyllum nullumense	F139 Escalloniaceae						
Argyrodendron actinophyllum	F105 Sterculiaceae						
Argyrodendron polyandrum	F105 Sterculiaceae						
Argyrodendron trifoliolatum	F105 Sterculiaceae						
Aristotelia peduncularis	F103 Elaeocarpaceae						
Arytera divaricata	F186 Sapindaceae						
Arytera lautereriana	F186 Sapindaceae						
Astartea fascicularis	F153 Myrtaceae						
Asterotrichion discolor	F107 Malvaceae						
Astrotricha latifolia	F206 Araliaceae						
Atalaya hemiglauca	F186 Sapindaceae						
Atalaya multiflora	F186 Sapindaceae						
Atalaya salicifolia	F186 Sapindaceae						
Atherosperma moschatum	F055 Atherospermataceae						
Athrotaxis cupressoides	F041 Taxodiaceae						
Athrotaxis laxiflolia	F041 Taxodiaceae						
Athrotaxis selaginoides	F041 Taxodiaceae						
Austrobuxus swainii	F177 Euphorbiaceae						
Austromyrtus acmenioides	F153 Myrtaceae						
Austromyrtus bidwillii	F153 Myrtaceae						
Austromyrtus hillii	F153 Myrtaceae						
Avicennia marina	F231 Avicenniaceae						
Backhousia angustifolia	F153 Myrtaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Backhousia citriodora	F153 Myrtaceae						
Backhousia myrtifolia	F153 Myrtaceae						
Baeckea virgata	F153 Myrtaceae						
Balanops australiana	F078 Balanopaceae						
Baloghia inophylla	F177 Euphorbiaceae						
Banksia aemula	F161 Proteaceae						
Banksia cunninghamii	F161 Proteaceae						
Banksia dentata	F161 Proteaceae						
Banksia ericifolia	F161 Proteaceae						
Banksia grandis	F161 Proteaceae						
Banksia ilicifolia	F161 Proteaceae						
Banksia integrifolia	F161 Proteaceae						
Banksia littoralis	F161 Proteaceae						
Banksia marginata	F161 Proteaceae						
Banksia menziesii	F161 Proteaceae						
Banksia ornata	F161 Proteaceae						
Banksia prionotes	F161 Proteaceae						
Banksia robur	F161 Proteaceae						
Banksia seminuda	F161 Proteaceae						
Banksia serrata	F161 Proteaceae						
Banksia sphaerocarpa	F161 Proteaceae						
Banksia spinulosa	F161 Proteaceae						
Barringtonia acutangula	F108 Barringtoniaceae						
Bedfordia arborescens	F258 Asteraceae						
Bedfordia salicina	F258 Asteraceae						
Beilschmiedia obtusifolia	F057 Lauraceae						
Berrya javanica	F104 Tiliaceae						
Berrya rotundifolia	F104 Tiliaceae						
Beyeria lasiocarpa	F177 Euphorbiaceae						
Beyeria viscosa	F177 Euphorbiaceae						
Blepharocarya involucrigera	F190 Blepharocaryaceae						
Bombax ceiba	F106 Bombacaceae						
Bosistoa pentacocca	F195 Rutaceae						
Brachychiton acerifolius	F105 Sterculiaceae						
Brachychiton australis	F105 Sterculiaceae						
Brachychiton bidwillii	F105 Sterculiaceae						
Brachychiton discolor	F105 Sterculiaceae						
Brachychiton diversifolius	F105 Sterculiaceae						
Brachychiton gregorii	F105 Sterculiaceae						
Brachychiton paradoxus	F105 Sterculiaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Brachychiton populneus	F105 Sterculiaceae						
Brachychiton rupestris	F105 Sterculiaceae						
Breynia cernua	F177 Euphorbiaceae						
Breynia oblongifolia	F177 Euphorbiaceae						
Bridelia exaltata	F177 Euphorbiaceae						
Brucea javanica	F191 Simaroubaceae						
Bruguiera exaristata	F158 Rhizophoraceae						
Bruguiera gymnorhiza	F158 Rhizophoraceae						
Bruguiera parviflora	F158 Rhizophoraceae						
Buchanania arborescens	F189 Anacardiaceae						
Buchanania obovata	F189 Anacardiaceae						
Bursaria incana	F133 Pittosporaceae						
Bursaria lasiophylla	F133 Pittosporaceae						
Bursaria spinosa	F133 Pittosporaceae						
Cadellia pentastylis	F192 Surianaceae						
Caldcluvia paniculosa	F130 Cunoniaceae						
Callistemon brachyandrus	F153 Myrtaceae						
Callistemon citrinus	F153 Myrtaceae						
Callistemon linearis	F153 Myrtaceae						
Callistemon pallidus	F153 Myrtaceae						
Callistemon pityoides	F153 Myrtaceae						
Callistemon pungens	F153 Myrtaceae						
Callistemon rugulosus	F153 Myrtaceae						
Callistemon salignus	F153 Myrtaceae						
Callistemon sieberi	F153 Myrtaceae						
Callistemon viminalis	F153 Myrtaceae						
Callitris baileyi	F042 Cupressaceae						
Callitris canescens	F042 Cupressaceae						
Callitris columellaris	F042 Cupressaceae						
Callitris drummondii	F042 Cupressaceae						
Callitris endlicheri	F042 Cupressaceae						
Callitris glaucophylla	F042 Cupressaceae		Yes (2) softwood		yes (1) softwood		
Callitris gracilis	F042 Cupressaceae						
Callitris intratropica	F042 Cupressaceae						
Callitris macleayana	F042 Cupressaceae						
Callitris oblonga	F042 Cupressaceae						
Callitris preissii	F042 Cupressaceae						
Callitris rhomboidea	F042 Cupressaceae						
Callitris roei	F042 Cupressaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Callitris verrucosa	F042 Cupressaceae						
Calophyllum inophyllum	F102 Clusiaceae						
Calophyllum sil	F102 Clusiaceae						
Calothamnus quadrifidus	F153 Myrtaceae						
Calytrix stipulata	F153 Myrtaceae						
Camptostemon schultzii	F106 Bombacaceae						
Canarium australasicum	F188 Burseraceae						
Canarium australianum	F188 Burseraceae						
Capparis arborea	F117 Capparaceae						
Capparis loranthifolia	F117 Capparaceae						
Capparis lucida	F117 Capparaceae						
Capparis mitchelii	F117 Capparaceae						
Carallia brachiata	F158 Rhizophoraceae						
Cardwellia sublimis	F161 Proteaceae						
Casearia multinervosa	F109 Flacourtiaceae						
Cassia brewsteri	F145 Caesalpiniaceae						
Cassia tomentella	F145 Caesalpiniaceae						
Cassine australis	F170 Celastraceae						
Cassinia aculeata	F258 Asteraceae						
Cassinia longifolia	F258 Asteraceae						
Cassinia quinquefaria	F258 Asteraceae						
Cassinia trinerva	F258 Asteraceae						
Castanospermum australe	F146 Fabaceae						
Castanospora alphandi	F186 Sapindaceae						
Casuarina cristata	F081 Casuarinaceae						
Casuarina cunninghamii	F081 Casuarinaceae						
Casuarina equisetifolia	F081 Casuarinaceae						
Casuarina glauca	F081 Casuarinaceae						
Casuarina obesa	F081 Casuarinaceae						
Casuarina pauper	F081 Casuarinaceae						
Cathormion umbellatum	F144 Mimosaceae						
Celtis paniculata	F074 Ulmaceae						
Celtis phillipensis	F074 Ulmaceae						
Cenarrhenes nitida	F161 Proteaceae						
Ceratopetalum apetalum	F130 Cunoniaceae						
Ceratopetalum corymbosum	F130 Cunoniaceae						
Ceratopetalum gummiferum	F130 Cunoniaceae						
Cerbera manghas	F216 Apocynaceae						
Ceriops tagal	F158 Rhizophoraceae						
Choretrum candollei	F164 Santalaceae						

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Choricarpa leptopetala	F153 Myrtaceae						
Choricarpa subargentea	F153 Myrtaceae						
Cinnamomum oliveri	F057 Lauraceae						
Citriobatus pauciflorus	F133 Pittosporaceae						
Citriobatus spinescens	F133 Pittosporaceae						
Citronella moorei	F173 Icacinaceae						
Claoxylon australe	F177 Euphorbiaceae						
Claoxylon tenerifolium	F177 Euphorbiaceae						
Cleistanthus cunninghamii	F177 Euphorbiaceae						
Cochlospermum fraseri	F113 Cochlospermaceae						
Cochlospermum gillivrayaei	F113 Cochlospermaceae						
Codonocarpus attenuatus	F084 Gyrostemonaceae						
Codonocarpus cotinifolius	F084 Gyrostemonaceae						
Colubrina asiatica	F180 Rhamnaceae						
Commersonia bartramia	F105 Sterculiaceae						
Commersonia fraseri	F105 Sterculiaceae						
Corda subcordata	F228 Ehretiaceae						
Correa lawrenciana	F195 Rutaceae						
Corymbia aparrerinja	F153 Myrtaceae						
Corymbia aspera	F153 Myrtaceae						
Corymbia bella	F153 Myrtaceae						
Corymbia bleeseri	F153 Myrtaceae						
Corymbia calophylla	F153 Myrtaceae	Yes				Yes (3)	
Corymbia candida	F153 Myrtaceae						
Corymbia capricornia	F153 Myrtaceae						
Corymbia citriodora	F153 Myrtaceae				Yes (share 2)		
Corymbia clarksoniana	F153 Myrtaceae						
Corymbia confertiflora	F153 Myrtaceae						
Corymbia dolichocarpa	F153 Myrtaceae						
Corymbia dunlopiana	F153 Myrtaceae						
Corymbia eremaea	F153 Myrtaceae						
Corymbia erythrophloia	F153 Myrtaceae						
Corymbia eximia	F153 Myrtaceae						
Corymbia ferruginea	F153 Myrtaceae						
Corymbia ficifolia	F153 Myrtaceae	Yes					
Corymbia foelscheana	F153 Myrtaceae						
Corymbia grandifolia	F153 Myrtaceae						
Corymbia gummifera	F153 Myrtaceae	Yes					
Corymbia hamersleyana	F153 Myrtaceae						
Corymbia intermedia	F153 Myrtaceae	Yes					

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Corymbia leichhardtii	F153 Myrtaceae						
Corymbia maculata (APPENDIX 3)	F153 Myrtaceae	Yes	Yes (3)		Yes (share 2)		
Corymbia nesophila	F153 Myrtaceae						
Corymbia opaca	F153 Myrtaceae						
Corymbia ptychocarpa	F153 Myrtaceae						
Corymbia terminalis	F153 Myrtaceae	Yes					
Corymbia tesellaris	F153 Myrtaceae	Yes					
Corymbia trachyphloia	F153 Myrtaceae						
Corymbia tumescens	F153 Myrtaceae						
Corymbia variegata (APPENDIX 3)	F153 Myrtaceae				Yes (share 2)		
Crotalaria cunninghamii	F146 Fabaceae						
Croton acronychioides	F177 Euphorbiaceae						
Croton arnhemicus	F177 Euphorbiaceae						
Croton habrophyllus	F177 Euphorbiaceae						
Croton insularis	F177 Euphorbiaceae						
Croton phebalioides	F177 Euphorbiaceae						
Croton verreauxii	F177 Euphorbiaceae						
Cryptocarya bidwillii	F057 Lauraceae						
Cryptocarya cunninghamii	F057 Lauraceae						
Cryptocarya erythroxylon	F057 Lauraceae						
Cryptocarya glabella	F057 Lauraceae						
Cryptocarya glaucescens	F057 Lauraceae						
Cryptocarya hypospodia	F057 Lauraceae						
Cryptocarya laevigata	F057 Lauraceae						
Cryptocarya meisneriana	F057 Lauraceae						
Cryptocarya microneura	F057 Lauraceae						
Cryptocarya obovata	F057 Lauraceae						
Cryptocarya rigida	F057 Lauraceae						
Cryptocarya triplinervis	F057 Lauraceae						
Cupaniopsis anacardioides	F186 Sapindaceae						
Cupaniopsis parvifolia	F186 Sapindaceae						
Cuttsia viburnea	F139 Escalloniaceae						
Cyathodes glauca	F123 Epacridaceae						
Cyathodes juniperina	F123 Epacridaceae						
Daphnandra micrantha	F055 Atherospermataceae						
Daviesia latifolia	F146 Fabaceae						
Daviesia mimosoides	F146 Fabaceae						
Decaspermum humile	F153 Myrtaceae						
Dendrocnide excelsa	F077 Urticaceae						
Dendrocnide moroides	F077 Urticaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Dendrocnide photiniphylla	F077 Urticaceae						
Dendrolobium umbellatum	F146 Fabaceae						
Denhamia oleaster	F170 Celastraceae						
Denhamia pittosporoides	F170 Celastraceae						
Dichrostachys spicata	F144 Mimosaceae						
Diospyros australis	F125 Ebenaceae						
Diospyros fasciculosa	F125 Ebenaceae						
Diospyros humilis	F125 Ebenaceae						
Diospyros pentamera	F125 Ebenaceae						
Diploglottis australis	F186 Sapindaceae						
Diploglottis diphyllostegia	F186 Sapindaceae						
Diselma archeri	F042 Cupressaceae						
Dissiliaria baloghioides	F177 Euphorbiaceae						
Dodonaea filifolia	F186 Sapindaceae						
Dodonaea platyptera	F186 Sapindaceae						
Dodonaea stenophylla	F186 Sapindaceae						
Dodonaea viscosa	F186 Sapindaceae						
Dolichandrone heterophylla	F239 Bignoniaceae						
Doryphora sassafras	F055 Atherospermataceae						
Dryandra formosa	F161 Proteaceae						
Dryandra sessilis	F161 Proteaceae						
Drypetes deplanchei	F177 Euphorbiaceae						
Duboisia hopwoodii	F220 Solanaceae						
Duboisia leichhardtii	F220 Solanaceae						
Duboisia myoporoides	F220 Solanaceae						
Dysoxylum fraserianum	F193 Meliaceae						
Dysoxylum latifolium	F193 Meliaceae						
Dysoxylum mollissimum	F193 Meliaceae						
Dysoxylum rufum	F193 Meliaceae						
Ehretia acuminata	F228 Ehretiaceae						
Ehretia membranifolia	F228 Ehretiaceae						
Ehretia saligna	F228 Ehretiaceae						
Elaeocarpus eumundi	F103 Elaeocarpaceae						
Elaeocarpus grandis	F103 Elaeocarpaceae						
Elaeocarpus holopetalus	F103 Elaeocarpaceae						
Elaeocarpus obovatus	F103 Elaeocarpaceae						
Elaeocarpus reticulatus	F103 Elaeocarpaceae						
Elattostachys xylocarpa	F186 Sapindaceae						
Emmenosperma cunninghamii	F180 Rhamnaceae						
Endiandra compressa	F057 Lauraceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Endiandra discolor	F057 Lauraceae						
Endiandra glauca	F057 Lauraceae						
Endiandra muelleri	F057 Lauraceae						
Endiandra palmerstonii	F057 Lauraceae						
Endiandra pubens	F057 Lauraceae						
Endiandra sieberi	F057 Lauraceae						
Eremocitrus glauca	F195 Rutaceae						
Eremophila bignoniiflora	F235 Myoporaceae						
Eremophila deserti	F235 Myoporaceae						
Eremophila latrobei	F235 Myoporaceae						
Eremophila longifolia	F235 Myoporaceae						
Eremophila mitchellii	F235 Myoporaceae						
Eremophila oppositifolia	F235 Myoporaceae						
Eriostemon myoporoides	F195 Rutaceae						
Eriostemon trachyphyllus	F195 Rutaceae						
Erythrina vespertilio	F146 Fabaceae						
Erythrophleum chlorostachys	F145 Caesalpiniaceae						
Erythroxylum australe	F198 Erythroxylaceae						
Erythroxylum ellipticum	F198 Erythroxylaceae						
Eucalyptus accedens	F153 Myrtaceae	Yes					
Eucalyptus agglomerata	F153 Myrtaceae	Yes					
Eucalyptus alba	F153 Myrtaceae	Yes					
Eucalyptus albens	F153 Myrtaceae	yes					
Eucalyptus amplifolia	F153 Myrtaceae						
Eucalyptus amygdalina	F153 Myrtaceae						
Eucalyptus andrewsii	F153 Myrtaceae	Yes	yes (11)				
Eucalyptus arachnaea	F153 Myrtaceae						
Eucalyptus aromaphloia	F153 Myrtaceae						
Eucalyptus baueriana	F153 Myrtaceae						
Eucalyptus baxteri	F153 Myrtaceae			yes			
Eucalyptus behriana	F153 Myrtaceae						
Eucalyptus bicostata	F153 Myrtaceae						
Eucalyptus bigalerita	F153 Myrtaceae						
Eucalyptus blakelyi	F153 Myrtaceae	Yes					
Eucalyptus bosistoana	F153 Myrtaceae	Yes					
Eucalyptus botryoides	F153 Myrtaceae	Yes		yes			
Eucalyptus calycogona	F153 Myrtaceae						
Eucalyptus camaldulensis	F153 Myrtaceae	Yes	Yes (7)	yes			
Eucalyptus camphora	F153 Myrtaceae						
Eucalyptus capillosa	F153 Myrtaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Eucalyptus cephalocarpa	F153 Myrtaceae						
Eucalyptus cinerea	F153 Myrtaceae						
Eucalyptus cladocalyx	F153 Myrtaceae	Yes					
Eucalyptus comitae-vallis	F153 Myrtaceae						
Eucalyptus concinna	F153 Myrtaceae						
Eucalyptus conferruminata	F153 Myrtaceae						
Eucalyptus conica	F153 Myrtaceae						
Eucalyptus consideniana	F153 Myrtaceae	Yes					
Eucalyptus coolabah	F153 Myrtaceae						
Eucalyptus cornuta	F153 Myrtaceae						
Eucalyptus crebra	F153 Myrtaceae	Yes					
Eucalyptus crenulata	F153 Myrtaceae						
Eucalyptus cypellocarpa	F153 Myrtaceae	Yes		yes (6)			
Eucalyptus dalrympleana	F153 Myrtaceae	Yes					
Eucalyptus dealbata	F153 Myrtaceae	Yes					
Eucalyptus deanei	F153 Myrtaceae	Yes					
Eucalyptus decipiens	F153 Myrtaceae						
Eucalyptus delegatensis (APPENDIX 3)	F153 Myrtaceae	Yes	yes (14)	yes (3)			Yes (2)
Eucalyptus diversicolor (APPENDIX 3)	F153 Myrtaceae	Yes				Yes (2)	
Eucalyptus diversifolia	F153 Myrtaceae						
Eucalyptus dives	F153 Myrtaceae	Yes					
Eucalyptus drepanophylla	F153 Myrtaceae	Yes					
Eucalyptus drummondii	F153 Myrtaceae						
Eucalyptus dumosa	F153 Myrtaceae						
Eucalyptus elata	F153 Myrtaceae	Yes					
Eucalyptus eremophila	F153 Myrtaceae						
Eucalyptus erythrocorys	F153 Myrtaceae						
Eucalyptus erythronema	F153 Myrtaceae						
Eucalyptus eucentrica	F153 Myrtaceae						
Eucalyptus eudesmoides	F153 Myrtaceae						
Eucalyptus eugenioides	F153 Myrtaceae						
Eucalyptus exserta	F153 Myrtaceae						
Eucalyptus falcata	F153 Myrtaceae						
Eucalyptus fastigata	F153 Myrtaceae	Yes	yes 10)	yes(4)			
Eucalyptus fibrosa	F153 Myrtaceae	Yes					
Eucalyptus flocktoniae	F153 Myrtaceae						
Eucalyptus forrestiana	F153 Myrtaceae						
Eucalyptus gamophylla	F153 Myrtaceae						
Eucalyptus gillenii	F153 Myrtaceae						
Eucalyptus globoidea	F153 Myrtaceae	Yes					

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Eucalyptus globulus	F153 Myrtaceae	Yes		yes			
Eucalyptus gomphocephala	F153 Myrtaceae	Yes					
Eucalyptus gongylocarpa	F153 Myrtaceae						
Eucalyptus goniocalyx	F153 Myrtaceae						
Eucalyptus gracilis	F153 Myrtaceae						
Eucalyptus grandis	F153 Myrtaceae	Yes	yes (4)				
Eucalyptus gunnii	F153 Myrtaceae						
Eucalyptus incrassata	F153 Myrtaceae						
Eucalyptus intertexta	F153 Myrtaceae						
Eucalyptus johnstonii	F153 Myrtaceae						
Eucalyptus kingsmillii	F153 Myrtaceae						
Eucalyptus kondininensis	F153 Myrtaceae						
Eucalyptus laevopinea	F153 Myrtaceae	Yes	Yes (8)				
Eucalyptus largiflorens	F153 Myrtaceae	Yes					
Eucalyptus leptophleba	F153 Myrtaceae	Yes					
Eucalyptus leptophylla	F153 Myrtaceae						
Eucalyptus leptopoda	F153 Myrtaceae						
Eucalyptus leucophloia	F153 Myrtaceae						
Eucalyptus leucoxylon	F153 Myrtaceae	Yes					
Eucalyptus longicornis	F153 Myrtaceae						
Eucalyptus longifolia	F153 Myrtaceae						
Eucalyptus loxophleba	F153 Myrtaceae						
Eucalyptus macrorhyncha	F153 Myrtaceae	Yes					
Eucalyptus mannensis	F153 Myrtaceae						
Eucalyptus marginata (APPENDIX 3)	F153 Myrtaceae	Yes				Yes (1)	
Eucalyptus melanophloia	F153 Myrtaceae	Yes					
Eucalyptus melliodora	F153 Myrtaceae	Yes					
Eucalyptus merrickiae	F153 Myrtaceae						
Eucalyptus microcarpa	F153 Myrtaceae	Yes					
Eucalyptus microcorys	F153 Myrtaceae	Yes	yes (13)				
Eucalyptus microtheca	F153 Myrtaceae						
Eucalyptus miniata	F153 Myrtaceae	Yes					
Eucalyptus moluccana	F153 Myrtaceae	Yes					
Eucalyptus muelleriana	F153 Myrtaceae	Yes	Yes (9)	yes (10)			
Eucalyptus nicholii	F153 Myrtaceae						
Eucalyptus nitens	F153 Myrtaceae	Yes		yes (7)			
Eucalyptus nitida	F153 Myrtaceae	Yes					
Eucalyptus nortonii	F153 Myrtaceae						
Eucalyptus nubila	F153 Myrtaceae						
Eucalyptus obliqua (APPENDIX 3)	F153 Myrtaceae	Yes	Yes (6)	yes (2)			Yes (1)

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Eucalyptus occidentalis	F153 Myrtaceae						
Eucalyptus odontocarpa	F153 Myrtaceae						
Eucalyptus oleosa	F153 Myrtaceae						
Eucalyptus orgadophila	F153 Myrtaceae						
Eucalyptus ovata	F153 Myrtaceae	Yes					
Eucalyptus pachyphylla	F153 Myrtaceae						
Eucalyptus paniculata	F153 Myrtaceae	Yes					
Eucalyptus pauciflora	F153 Myrtaceae	Yes					
Eucalyptus perriniana	F153 Myrtaceae						
Eucalyptus persistens	F153 Myrtaceae						
Eucalyptus phaenophylla	F153 Myrtaceae						
Eucalyptus phoenicea	F153 Myrtaceae	Yes					
Eucalyptus pilularis (APPENDIX 3)	F153 Myrtaceae	Yes	yes (1)		yes (3)		
Eucalyptus piperita	F153 Myrtaceae						
Eucalyptus platyphylla	F153 Myrtaceae						
Eucalyptus pluricaulis	F153 Myrtaceae						
Eucalyptus polyanthemos	F153 Myrtaceae	Yes					
Eucalyptus populnea	F153 Myrtaceae	Yes					
Eucalyptus porosa	F153 Myrtaceae						
Eucalyptus preissiana	F153 Myrtaceae						
Eucalyptus pruinosa	F153 Myrtaceae						
Eucalyptus pulchella	F153 Myrtaceae	Yes					
Eucalyptus punctata	F153 Myrtaceae	Yes					
Eucalyptus pyriformis	F153 Myrtaceae						
Eucalyptus radiata	F153 Myrtaceae	Yes					
Eucalyptus regnans (APPENDIX 3)	F153 Myrtaceae	Yes		yes (1)			Yes (3)
Eucalyptus resinifera	F153 Myrtaceae	Yes					
Eucalyptus rigidula	F153 Myrtaceae						
Eucalyptus robertsonii	F153 Myrtaceae						
Eucalyptus robusta	F153 Myrtaceae	Yes					
Eucalyptus rodwayii	F153 Myrtaceae						
Eucalyptus rossii	F153 Myrtaceae	Yes					
Eucalyptus rubida	F153 Myrtaceae	Yes					
Eucalyptus rudis	F153 Myrtaceae						
Eucalyptus saligna	F153 Myrtaceae	Yes	Yes (5)				
Eucalyptus salmonophloia	F153 Myrtaceae	Yes					
Eucalyptus salubris	F153 Myrtaceae						
Eucalyptus siderophloia	F153 Myrtaceae						
Eucalyptus sideroxylon	F153 Myrtaceae	Yes		yes			
Eucalyptus sieberi (APPENDIX 3)	F153 Myrtaceae	Yes	yes (15)	yes (5)			

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Eucalyptus socialis	F153 Myrtaceae						
Eucalyptus sparsifolia	F153 Myrtaceae						
Eucalyptus spathulata	F153 Myrtaceae						
Eucalyptus stellulata	F153 Myrtaceae	Yes					
Eucalyptus subargentea	F153 Myrtaceae						
Eucalyptus subcrenulata	F153 Myrtaceae						
Eucalyptus tectifera	F153 Myrtaceae						
Eucalyptus tereticornis	F153 Myrtaceae	Yes					
Eucalyptus tetragona	F153 Myrtaceae						
Eucalyptus tetraptera	F153 Myrtaceae						
Eucalyptus tetrodonta	F153 Myrtaceae	Yes					
Eucalyptus torquata	F153 Myrtaceae	Yes					
Eucalyptus transcontinentalis	F153 Myrtaceae						
Eucalyptus tricarpa	F153 Myrtaceae						
Eucalyptus umbra	F153 Myrtaceae						
Eucalyptus vernicosa	F153 Myrtaceae						
Eucalyptus viminalis	F153 Myrtaceae	Yes		yes (8)			
Eucalyptus viridis	F153 Myrtaceae						
Eucalyptus wandoo	F153 Myrtaceae	Yes				Yes	
Eucryphia lucida	F129 Eucryphiaceae						
Eugenia reinwardtiana	F153 Myrtaceae						
Euodia haplophylla	F195 Rutaceae						
Eupomatia laurina	F051 Eupomatiaceae						
Euroschinus falcata	F189 Anacardiaceae						
Excoecaria agallocha	F177 Euphorbiaceae						
Exocarpos cupressiformis	F164 Santalaceae						
Exocarpos latifolia	F164 Santalaceae						
Exocarpos sparteus	F164 Santalaceae						
Fagraea racemosa	F212 Strychnaceae						
Ficus benjamina	F075 Moraceae						
Ficus coronata	F075 Moraceae						
Ficus fraseri	F075 Moraceae						
Ficus macrophylla	F075 Moraceae						
Ficus microcarpa	F075 Moraceae						
Ficus obliqua	F075 Moraceae						
Ficus opposita	F075 Moraceae						
Ficus platypoda	F075 Moraceae						
Ficus racemosa	F075 Moraceae						
Ficus rubiginosa	F075 Moraceae						
Ficus superba	F075 Moraceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Ficus virens	F075 Moraceae						
Ficus watkinsiana	F075 Moraceae						
Flindersia australis	F194 Flindersiaceae						
Flindersia collina	F194 Flindersiaceae						
Flindersia maculosa	F194 Flindersiaceae						
Flindersia schottiana	F194 Flindersiaceae						
Flueggia virosa	F177 Euphorbiaceae						
Ganophyllum falcatum	F186 Sapindaceae						
Garcinia warrenii	F102 Clusiaceae						
Gardenia megasperma	F252 Rubiaceae						
Gardenia pyriformis	F252 Rubiaceae						
Gastrolobium bilobum	F146 Fabaceae						
Gastrolobium callistachys	F146 Fabaceae						
Geijera latifolia	F195 Rutaceae						
Geijera paniculata	F195 Rutaceae						
Geijera parviflora	F195 Rutaceae						
Geijera salicifolia	F195 Rutaceae						
Geissois benthamiana	F130 Cunoniaceae						
Glochidion disparipes	F177 Euphorbiaceae						
Glochidion ferdinandi	F177 Euphorbiaceae						
Glochidion lobocarpum	F177 Euphorbiaceae						
Glochidion sumatranum	F177 Euphorbiaceae						
Glycosmis pentaphylla	F195 Rutaceae						
Glycosmis trifoliata	F195 Rutaceae						
Gmelina dalrympleana	F229 Verbenaceae						
Gmelina leichhardtii	F229 Verbenaceae						
Goodia lotifolia	F146 Fabaceae						
Grevillea agrifolia	F161 Proteaceae						
Grevillea aspleniifolia	F161 Proteaceae						
Grevillea banksii	F161 Proteaceae						
Grevillea barklyana	F161 Proteaceae						
Grevillea decora	F161 Proteaceae						
Grevillea decurrens	F161 Proteaceae						
Grevillea dimidiata	F161 Proteaceae						
Grevillea excelsior	F161 Proteaceae						
Grevillea glauca	F161 Proteaceae						
Grevillea heliosperma	F161 Proteaceae						
Grevillea hilliana	F161 Proteaceae						
Grevillea johnsonii	F161 Proteaceae						
Grevillea juncifolia	F161 Proteaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Grevillea mimosoides	F161 Proteaceae						
Grevillea nematophylla	F161 Proteaceae						
Grevillea obliquistigma	F161 Proteaceae						
Grevillea parallela	F161 Proteaceae						
Grevillea pteridifolia	F161 Proteaceae						
Grevillea pterosperma	F161 Proteaceae						
Grevillea pyramidalis	F161 Proteaceae						
Grevillea refracta	F161 Proteaceae						
Grevillea robusta	F161 Proteaceae						
Grevillea stenobotrya	F161 Proteaceae						
Grevillea striata	F161 Proteaceae						
Grevillea wickhamii	F161 Proteaceae						
Grewia breviflora	F104 Tiliaceae						
Grewia latifolia	F104 Tiliaceae						
Guettardia speciosa	F252 Rubiaceae						
Guettardiella tenuiflora	F252 Rubiaceae						
Guilfoylia monostylis	F192 Surianaceae						
Guioa semiglauca	F186 Sapindaceae						
Gynatrix pulchella	F107 Malvaceae						
Gyrocarpus americanus	F056 Gyrocarpaceae						
Gyrostemon ramulosus	F084 Gyrostemonaceae						
Hakea arborescens	F161 Proteaceae						
Hakea arida	F161 Proteaceae						
Hakea chordophylla	F161 Proteaceae						
Hakea coriacea	F161 Proteaceae						
Hakea cucullata	F161 Proteaceae						
Hakea cunninghamii	F161 Proteaceae						
Hakea dactyloides	F161 Proteaceae						
Hakea decurrens	F161 Proteaceae						
Hakea divaricata	F161 Proteaceae						
Hakea epiglottis	F161 Proteaceae						
Hakea eriantha	F161 Proteaceae						
Hakea eyreana	F161 Proteaceae						
Hakea francisiana	F161 Proteaceae						
Hakea fraseri	F161 Proteaceae						
Hakea laurina	F161 Proteaceae						
Hakea leucoptera	F161 Proteaceae						
Hakea lissosperma	F161 Proteaceae						
Hakea lorea	F161 Proteaceae						
Hakea macrocarpa	F161 Proteaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Hakea muelleriana	F161 Proteaceae						
Hakea nodosa	F161 Proteaceae						
Hakea petiolaris	F161 Proteaceae						
Hakea platysperma	F161 Proteaceae						
Hakea plurinervia	F161 Proteaceae						
Hakea preissii	F161 Proteaceae						
Hakea prostrata	F161 Proteaceae						
Hakea recurva	F161 Proteaceae						
Hakea rostrata	F161 Proteaceae						
Hakea salicifolia	F161 Proteaceae						
Hakea sericea	F161 Proteaceae						
Hakea suberea	F161 Proteaceae						
Hakea tephrosperma	F161 Proteaceae						
Hakea ulicina	F161 Proteaceae						
Hakea varia	F161 Proteaceae						
Hakea victoria	F161 Proteaceae						
Halfordia kendack	F195 Rutaceae						
Harpullia hillii	F186 Sapindaceae						
Harpullia pendula	F186 Sapindaceae						
Harrisonia brownii	F191 Simaroubaceae						
Hedycarya angustifolia	F054 Monimiaceae						
Helicia australasica	F161 Proteaceae						
Helicia glabriflora	F161 Proteaceae						
Heritiera littoralis	F105 Sterculiaceae						
Hernandia bivalvis	F058 Hernandiaceae						
Hernandia nymphaeifolia	F058 Hernandiaceae						
Hibiscus heterophyllus	F107 Malvaceae						
Hibiscus splendens	F107 Malvaceae						
Hibiscus tiliaceus	F107 Malvaceae						
Hodgkinsonia ovatifolia	F252 Rubiaceae						
Homalium alnifolium	F109 Flacourtiaceae						
Hymenanthera dentata	F110 Violaceae						
Hymenosporum flavum	F133 Pittosporaceae						
Ichnocarpus serpyllifolius	F216 Apocynaceae						
Ilex arnhemensis	F174 Aquifoliaceae						
Ixora beckleri	F252 Rubiaceae						
Ixora klanderiana	F252 Rubiaceae						
Jacksonia furcellata	F146 Fabaceae						
Jacksonia scoparia	F146 Fabaceae						
Jacksonia thesioides	F146 Fabaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Jagera pseudorhus	F186 Sapindaceae						
Kunzea ericoides	F153 Myrtaceae						
Lagarostrobos franklinii	F043 Podocarpaceae						
Lagunaria patersonia	F107 Malvaceae						
Larsenaikia ochreata	F252 Rubiaceae						
Leptospermum brachyandrum	F153 Myrtaceae						
Leptospermum brevipes	F153 Myrtaceae						
Leptospermum grandifolium	F153 Myrtaceae						
Leptospermum laevigatum	F153 Myrtaceae						
Leptospermum lanigerum	F153 Myrtaceae						
Leptospermum madidum	F153 Myrtaceae						
Leptospermum nitidum	F153 Myrtaceae						
Leptospermum petersonii	F153 Myrtaceae						
Leptospermum polygalifolium	F153 Myrtaceae						
Leptospermum scoparium	F153 Myrtaceae						
Leptospermum squarrosum	F153 Myrtaceae						
Leptospermum trinervium	F153 Myrtaceae						
Leucopogon parviflorus	F123 Epacridaceae						
Litsea australis	F057 Lauraceae						
Litsea glutinosa	F057 Lauraceae						
Litsea reticulata	F057 Lauraceae						
Lomatia fraseri	F161 Proteaceae						
Lomatia myricoides	F161 Proteaceae						
Lophospermum grandiflorus	F153 Myrtaceae						
Lophostemon confertus	F153 Myrtaceae						
Lophostemon suaveolens	F153 Myrtaceae						
Lumnitzera racemosa	F157 Combretaceae						
Lysicarpus angustifolius	F153 Myrtaceae						
Lysiphyllum cunninghamii	F145 Caesalpiniaceae						
Lysiphyllum gilvum	F145 Caesalpiniaceae						
Macadamia integrifolia	F161 Proteaceae						
Macadamia tetraphylla	F161 Proteaceae						
Macaranga involucrata	F177 Euphorbiaceae						
Macaranga tanarius	F177 Euphorbiaceae						
Malaisia scandens	F075 Moraceae						
Mallotus claoxyloides	F177 Euphorbiaceae						
Mallotus mollissimus	F177 Euphorbiaceae						
Mallotus nesophilus	F177 Euphorbiaceae						
Mallotus philippensis	F177 Euphorbiaceae						
Maytenus cunninghamii	F170 Celastraceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Maytenus disperma	F170 Celastraceae						
Maytenus silvestris	F170 Celastraceae						
Medicosma cunninghamii	F195 Rutaceae						
Melaleuca acacioides	F153 Myrtaceae						
Melaleuca acerosa	F153 Myrtaceae						
Melaleuca alternifolia	F153 Myrtaceae						
Melaleuca argentea	F153 Myrtaceae						
Melaleuca armillaris	F153 Myrtaceae						
Melaleuca bracteata	F153 Myrtaceae						
Melaleuca brevifolia	F153 Myrtaceae						
Melaleuca cajuputi	F153 Myrtaceae						
Melaleuca cuticularis	F153 Myrtaceae						
Melaleuca dealbata	F153 Myrtaceae						
Melaleuca decora	F153 Myrtaceae						
Melaleuca decussata	F153 Myrtaceae						
Melaleuca dissitifora	F153 Myrtaceae						
Melaleuca eleuterostachys	F153 Myrtaceae						
Melaleuca ericifolia	F153 Myrtaceae						
Melaleuca glomerata	F153 Myrtaceae						
Melaleuca groveana	F153 Myrtaceae						
Melaleuca halmaturorum	F153 Myrtaceae						
Melaleuca hypericifolia	F153 Myrtaceae						
Melaleuca incana	F153 Myrtaceae						
Melaleuca lanceolata	F153 Myrtaceae						
Melaleuca lasiandra	F153 Myrtaceae						
Melaleuca lateriflora	F153 Myrtaceae						
Melaleuca leucadendra	F153 Myrtaceae						
Melaleuca linariifolia	F153 Myrtaceae						
Melaleuca nervosa	F153 Myrtaceae						
Melaleuca nesophila	F153 Myrtaceae						
Melaleuca nodosa	F153 Myrtaceae						
Melaleuca pauperiflora	F153 Myrtaceae						
Melaleuca preissiana	F153 Myrtaceae						
Melaleuca quinquenervia	F153 Myrtaceae						
Melaleuca rhaphiophylla	F153 Myrtaceae						
Melaleuca squarrosa	F153 Myrtaceae						
Melaleuca styphelioides	F153 Myrtaceae						
Melaleuca thymifolia	F153 Myrtaceae						
Melaleuca thyoides	F153 Myrtaceae						
Melaleuca uncinata	F153 Myrtaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Melaleuca viridiflora	F153 Myrtaceae						
Melastoma affine	F156 Melastomataceae						
Melia azedarach	F193 Meliaceae						
Melicope elleryana	F195 Rutaceae						
Melicope erythrococca	F195 Rutaceae						
Melicope micrococca	F195 Rutaceae						
Melicope vitiflora	F195 Rutaceae						
Memecylon pauciflorum	F155 Memecylaceae						
Microcitrus australasica	F195 Rutaceae						
Micromelum minutum	F195 Rutaceae						
Mimusops elengi	F124 Sapotaceae						
Mischocarpus anodontus	F186 Sapindaceae						
Mischocarpus lachnocarpus	F186 Sapindaceae						
Mischocarpus pyriformis	F186 Sapindaceae						
Monotoca elliptica	F123 Epacridaceae						
Morinda citrifolia	F252 Rubiaceae						
Murraya paniculata	F195 Rutaceae						
Myoporum acuminatum	F235 Myoporaceae						
Myoporum insulare	F235 Myoporaceae						
Myoporum montanum	F235 Myoporaceae						
Myoporum platycarpum	F235 Myoporaceae						
Myristica insipida	F050 Myristicaceae						
Nauclea orientalis	F253 Naucleaceae						
Neisosperma poweri	F216 Apocynaceae						
Neolitsea dealbata	F057 Lauraceae						
Nestegis ligustrina	F219 Oleaceae						
Niemeyera chartacea	F124 Sapotaceae						
Notelaea longifolia	F219 Oleaceae						
Notelaea microcarpa	F219 Oleaceae						
Notelaea venosa	F219 Oleaceae						
Nothofagus cunninghamii	F079 Fagaceae						
Nothofagus moorei	F079 Fagaceae						
Nuytsia floribunda	F165 Loranthaceae						
Ochrosia elliptica	F216 Apocynaceae						
Olea paniculata	F219 Oleaceae						
Olearia argophylla	F258 Asteraceae						
Olearia stellulata	F258 Asteraceae						
Omalanthus nutans	F177 Euphorbiaceae						
Orites excelsa	F161 Proteaceae						
Osbornia octodonta	F153 Myrtaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Owenia acidula	F193 Meliaceae						
Owenia reticulata	F193 Meliaceae						
Owenia venosa	F193 Meliaceae						
Owenia vernicosa	F193 Meliaceae						
Oxylobium arborescens	F146 Fabaceae						
Oxylobium lanceolatum	F146 Fabaceae						
Ozothamnus diosmifolius	F258 Asteraceae						
Ozothamnus ferrugineus	F258 Asteraceae						
Pararchidendron pruinosum	F144 Mimosaceae						
Paraserianthes lophantha	F144 Mimosaceae						
Paraserianthes toona	F144 Mimosaceae						
Pavetta australiensis	F252 Rubiaceae						
Pemphis acidula	F151 Lythraceae						
Pennantia cunninghamii	F173 Icacinaceae						
Persoonia attenuata	F161 Proteaceae						
Persoonia cornifolia	F161 Proteaceae						
Persoonia falcata	F161 Proteaceae						
Persoonia levis	F161 Proteaceae						
Persoonia linearis	F161 Proteaceae						
Petalostigma pubescens	F177 Euphorbiaceae						
Phebalium bilobum	F195 Rutaceae						
Phebalium squameum	F195 Rutaceae						
Phebalium squamulosum	F195 Rutaceae						
Phyllocladus aspleniifolius	F044 Phyllocladaceae						
Pilidiostigma glabrum	F153 Myrtaceae						
Pipturus argentius	F077 Urticaceae						
Pisonia umbellifera	F082 Nyctaginaceae						
Pittosporum bicolor	F133 Pittosporaceae						
Pittosporum melanospermum	F133 Pittosporaceae						
Pittosporum phylliraeoides	F133 Pittosporaceae						
Pittosporum revolutum	F133 Pittosporaceae						
Pittosporum rhombifolium	F133 Pittosporaceae						
Pittosporum undulatum	F133 Pittosporaceae						
Planchonella australis	F124 Sapotaceae						
Planchonella chartacea	F124 Sapotaceae						
Planchonella cotinifolia	F124 Sapotaceae						
Planchonella laurifolia	F124 Sapotaceae						
Planchonella pohlmaniana	F124 Sapotaceae						
Planchonia careya	F108 Barringtoniaceae						
Pleiogynium timorense	F189 Anacardiaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Pleurostylia opposita	F170 Celastraceae						
Podocarpus elatus	F043 Podocarpaceae						
Podocarpus lawrencei	F043 Podocarpaceae						
Pogonolobus reticulatus	F252 Rubiaceae						
Polyalthia nitidissima	F049 Annonaceae						
Polyosma cunninghamii	F139 Escalloniaceae						
Polyscias australiana	F206 Araliaceae						
Polyscias elegans	F206 Araliaceae						
Polyscias murrayi	F206 Araliaceae						
Polyscias sambucifolius	F206 Araliaceae						
Pomaderris apetala	F180 Rhamnaceae						
Pomaderris argyrophylla	F180 Rhamnaceae						
Pomaderris aspera	F180 Rhamnaceae						
Pomaderris elliptica	F180 Rhamnaceae						
Pomaderris ferruginea	F180 Rhamnaceae						
Pomaderris lanigera	F180 Rhamnaceae						
Pouteria sericea	F124 Sapotaceae						
Premna acuminata	F229 Verbenaceae						
Premna lignum-vitae	F229 Verbenaceae						
Premna serratifolia	F229 Verbenaceae						
Prostanthera lasianthos	F232 Lamiaceae						
Pseudoweinmannia lachnocarpa	F130 Cunoniaceae						
Pseuduvaria froggattii	F049 Annonaceae						
Pseuduvaria villosa	F049 Annonaceae						
Psychotria daphnoides	F252 Rubiaceae						
Psychotria loniceroides	F252 Rubiaceae						
Quintinia sieberi	F139 Escalloniaceae						
Randia benthamiana	F252 Rubiaceae						
Randia chartacea	F252 Rubiaceae						
Randia fitzalanii	F252 Rubiaceae						
Rapanea howittiana	F127 Myrsinaceae						
Rapanea subsessilis	F127 Myrsinaceae						
Rapanea variabliis	F127 Myrsinaceae						
Rhizophora stylosa	F158 Rhizophoraceae						
Rhodamnia argentea	F153 Myrtaceae						
Rhodamnia rubescens	F153 Myrtaceae						
Rhodomyrtus trineura	F153 Myrtaceae						
Rhodosphaera rhodanthema	F189 Anacardiaceae						
Rhysotoechia bifoliolata	F186 Sapindaceae						
Richea dracophylla	F123 Epacridaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Richea pandanifolia	F123 Epacridaceae						
Richea scoparia	F123 Epacridaceae						
Sambucus australasica	F255 Sambucaceae						
Santalum acuminatum	F164 Santalaceae						
Santalum lanceolatum	F164 Santalaceae						
Santalum murrayanum	F164 Santalaceae						
Santalum spicatum	F164 Santalaceae						
Sarcomelicope simplicifolia	F195 Rutaceae						
Scaevola taccada	F251 Goodeniaceae						
Schefflera actinophylla	F206 Araliaceae						
Schizomeria ovata	F130 Cunoniaceae						
Scolopia braunii	F109 Flacourtiaceae						
Scyphiphora hydrophyllacea	F252 Rubiaceae						
Senna magnifolia	F145 Caesalpiniaceae						
Senna surattensis	F145 Caesalpiniaceae						
Senna timoriensis	F145 Caesalpiniaceae						
Seringia arborescens	F105 Sterculiaceae						
Siphonodon australis	F170 Celastraceae						
Sloanea australis	F103 Elaeocarpaceae						
Sonneratia alba	F150 Sonneratiaceae						
Sophora tomentosa	F146 Fabaceae						
Stenocarpus cunninghamii	F161 Proteaceae						
Stenocarpus salignus	F161 Proteaceae						
Stenocarpus sinuatus	F161 Proteaceae						
Sterculia quadrifida	F105 Sterculiaceae						
Streblus brunonianus	F075 Moraceae						
Strychnos axillaris	F212 Strychnaceae						
Strychnos lucida	F212 Strychnaceae						
Symplocos cochinchinensis	F126 Symplocaceae						
Symplocos stawellii	F126 Symplocaceae						
Symplocos thwaitesii	F126 Symplocaceae						
Syncarpia glomulifera	F153 Myrtaceae						
Synoum glandulosum	F193 Meliaceae						
Syzygium australe	F153 Myrtaceae						
Syzygium eucalyptoides	F153 Myrtaceae						
Syzygium forte	F153 Myrtaceae						
Syzygium johnsonii	F153 Myrtaceae						
Syzygium luehmannii	F153 Myrtaceae						
Syzygium oleosum	F153 Myrtaceae						
Syzygium suborbiculare	F153 Myrtaceae						

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Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Tabernaemontana orientalis	F216 Apocynaceae						
Tabernaemontana pandacaqui	F216 Apocynaceae						
Tapeinosperma pseudojambosa	F127 Myrsinaceae						
Tarenna dallachyana	F252 Rubiaceae						
Tasmannia insipida	F047 Winteraceae						
Tasmannia lanceolata	F047 Winteraceae						
Terminalia canescens	F157 Combretaceae						
Terminalia catappa	F157 Combretaceae						
Terminalia hadleyana	F157 Combretaceae						
Terminalia muelleri	F157 Combretaceae						
Terminalia oblongata	F157 Combretaceae						
Terminalia platyphylla	F157 Combretaceae						
Terminalia platyptera	F157 Combretaceae						
Terminalia sericocarpa	F157 Combretaceae						
Thespesia populneoides	F107 Malvaceae						
Timonius timon	F252 Rubiaceae						
Toona ciliata	F193 Meliaceae						
Trema orientalis	F074 Ulmaceae						
Trema tomentosa	F074 Ulmaceae						
Tristaniopsis collina	F153 Myrtaceae						
Tristaniopsis laurina	F153 Myrtaceae						
Trochocarpa laurina	F123 Epacridaceae						
Turraea pubescens	F193 Meliaceae						
Vavaea amicorum	F193 Meliaceae						
Ventilago viminalis	F180 Rhamnaceae						
Verticordia cunninghamii	F153 Myrtaceae						
Viminaria juncea	F146 Fabaceae						
Vitex acuminata	F229 Verbenaceae						
Vitex glabrata	F229 Verbenaceae						
Vitex trifolia	F229 Verbenaceae						
Waterhousia floribunda	F153 Myrtaceae						
Wilkiea huegeliana	F054 Monimiaceae						
Wrightia saligna	F216 Apocynaceae						
Xanthophyllum octandrum	F204 Xanthophyllaceae						
Xanthostemon chrysanthus	F153 Myrtaceae						
Xanthostemon paradoxus	F153 Myrtaceae						
Xylocarpus granatum	F193 Meliaceae						
Xylocarpus moluccensis	F193 Meliaceae						
Xylomelum angustifolium	F161 Proteaceae						
Xylomelum cunninghamii	F161 Proteaceae						

Species Name	Family Index No. and Name	State of Forest Report	NSW	Vic	Qld	WA	Tas
Xylomelum pyriforme	F161 Proteaceae						
Zanthoxylum brachacanthum	F195 Rutaceae						
Zieria arborescens	F195 Rutaceae						

Tables 2 to 6 indicate:

1. Species harvested each year in State Forests; and
2. Relative proportion of that species to the total harvest.

Distribution maps for the top 10 species harvested in Australia are provided in Appendix 3. Maps are provided for underlined species in Table 1.

3.2 Commercial hardwood plantations

There have been several reports of statistics for plantations in Australia. These include -

1. National Plantation Inventory of Australia. 1997.
2. Australia's State of the Forest Report. 1998.
3. National Plantation Inventory. March 2000.

There are some deficiencies in these reports due to difficulties in accessing accurate data.

The area of hardwood plantations is currently estimated at 389,028 ha (BRS March 2000). The breakdown by States is shown in Table 7.

Table 2. Indigenous hardwood and *Callitris* timber species commonly harvested in NSW including volumes and proportion of the total harvest for 1998/99.

Species	Volume (m^3)	Proportion of total sales
Eucalyptus pilularis	142,643	18.25%
Callitris glaucophylla	100,879	12.91%
E. maculata	80,674	10.32%
E. grandis	34,363	4.40%
E. saligna	29,823	3.82%
E. obliqua	28,850	3.69%
E. camaldulensis	27,387	3.50%
E. laevopinea	23,358	2.99%
E. muellerana	21,610	2.76%
E. fastigata	20,256	2.59%
E. andrewsii	19,456	2.49%
Ironbark (many species)	18,281	2.34%
E. microcorys	17,188	2.20%
E. delegatensis	14,223	1.82%
E. sieberi	11,014	1.41%
Tristania conferta	9,853	1.26%
Other species	114,508	14.65%
E. acmeniodes	9,523	1.22%
Syncarpia glomulifera	6,226	0.80%
Diehard Stringybark	6,142	0.79%
Grey Gum	5,827	0.75%
Red Mahogany	5,548	0.71%
Manna Gum	5,247	0.67%
Grey Box	4,390	0.56%
White Stringybark	4,034	0.52%
Other minor species	20,183	2.6%
Total	**781,574**	**100**

Table 3. Indigenous hardwood timber species harvested in WA from state forests and private property

Species	Log production				Proportion
	Crown land		Private property		
	m^3	m^3	m^3	tonnes	
Sawlog timber					
E. marginata	349,968	459,124	136	179	60% (sawlog)
E. diversicolor	226,098	279,581			38% (sawlog)
Corymbia calophylla	10,268	12,741			1.6% (sawlog)
E. patens	1,065	1,392			
E. wandoo	467	615			
Allocasuarina fraseriana	1550	1550			
Other	158	197			
Totals	589,574	755,200			
Other log material (native hardwood)					
Chip logs					
C. calophylla	317,544	391,044			61% (chips)
E. diversicolor	197,000	236,000			39% (chips)
Total chipwood	514,628	628,250			
Industrial wood	1,962	2,421			
Firewood charcoal	116,181	124,518			
Other					
Total	**2,326,463**	**2,892,633**	**136**	**179**	

Table 4. Indigenous hardwood timber species harvested from State Forests in Victoria

Sawlog

Species	Common name	Gross Volume (m^3)	Proportion
Acacia dealbata	Silver Wattle	475.89	
Acacia melanoxylon	Blackwood	2,001.61	0.2% (sawlog)
Eucalyptus - not specified -	Box/Ironbark	546.21	
Eucalyptus - not specified -	Other species	110,768.10	12%
Eucalyptus baxteri	Brown Stringybark	366.64	
Eucalyptus botryoides	Southern Mahogany	1,785.54	
Eucalyptus camaldulensis	Red Gum	9,948.86	1%
Eucalyptus cypellocarpa	Mountain Grey Gum	30,100.39	3.2%
Eucalyptus delegatensis	Alpine Ash	167,705.60	18%
Eucalyptus fastigata	Cut-tail	68,965.61	7.4%
Eucalyptus globulus	Blue Gum	3,910.68	
Eucalyptus muelleriana	Yellow Stringybark	6,900.79	
Eucalyptus nitens	Shining Gum	22,456.81	2.4%
Eucalyptus obliqua	Messmate	174,836.97	19%
Eucalyptus regnans	Mountain Ash	247,779.22	27%
Eucalyptus sideroxylon	Red Ironbark	350.08	
Eucalyptus sieberi	Silvertop	55,295.19	6%
Eucalyptus viminalis	Manna Gum	17,725.32	2%
Total		**921,919**	**100%**

Pulpwood

Eucalyptus - not specified -	Ash (unspecified)	355,401.48	80%
Eucalyptus - not specified -	Other species	88,123.97	20%
Total		**443,524**	**100%**

Residual log and thinnings (really pulpwood)

- unspecified -	- unspecified -	273,824.08	28.5% (residual logs and thinnings)
Acacia dealbata	Silver Wattle	1,622.17	
Eucalyptus - not specified -	Box/Ironbark	524.73	
Eucalyptus - not specified -	Other species	288,401.56	30%
Eucalyptus camaldulensis	Red Gum	1,027.25	
Eucalyptus delegatensis	Alpine Ash	148,347.85	15.5%
Eucalyptus fastigata	Cut-tail	525.25	
Eucalyptus obliqua	Messmate	2,805.80	
Eucalyptus regnans	Mountain Ash	240,451.76	25%
Eucalyptus sideroxylon	Red Ironbark	113.31	
Eucalyptus sieberi	Silvertop	278.65	
Eucalyptus viminalis	Manna Gum	160.46	
Total		**958,082.87**	**100%**

Table 5 Indigenous hardwood/softwood timber species harvested from State Forests in Tasmania in 1998/99. (Information from Mr Michael Wood[5].)

Type	Species	Approx percentage	Total volume (tonnes)	Proportion
Pulpwood	*E.obliqua*	50-70%		50-70%
	E. regnans	5%		5%
	E. delegatensis	5-10%		5-10%
	E. globulus	minor		
	E. viminalis	minor		
	E. dalrypleana	minor		
	E. sieberi	minor		
	E. amydalina	minor		
	Including other species		**2,300,000**	
Sawlogs				
Tasmanian oak (1)	*E.obliqua*	70%		70% (of Tasmanian oaks)
Tasmanian oak (2)	*E. regnans*	10-15%		10-15%
Tasmanian oak (3)	*E. delegatensis*	15-20%		15-20%
Construction[6]				
(10% of sawlogs)	*E. globulus*			
	E. sieberi			
	Including other species (5-10 other species)			
Specialty	Sassafras			Minor
(1% of sawlogs)				
	Huon			
	Celery top			
	Including other species			
Total			**380,000**	

[5] Forestry Tasmania, Hobart, (Wood Harvest Statistics).

[6] Construction grade is a category for those species that cannot be easily kiln dried like the three Tasmanian oak species.

Table 6a. Indigenous timber species harvested from State Forests in Queensland in 1998/99. Includes Hardwoods and *Callitris*. (Information from Mr C. Bragg[7])

Species	Importance	Percentage	Volumes
Callitris glaucophylla	Major	85-90%	
Corymbia maculata, variegata, citriodora (all spotted gums)	Major		
E. pilularis	Major		
E. tereticornis	Minor		
E. cloeziana	Minor		
E. siderophloia	Minor		
Etc (approx 15 other species)	Minor		

Table. 6b. Sawlog yields from crown forests in Queensland from 1 July 1999 – 30 June 2000

SPECIES CODE	TRADE NAME	SCIENTIFIC NAME	VOLUME (m^3)
BBT	Blackbutt	*E. pilularis*[8]	43,188.01
BBW	Brown bloodwood	*E. trachyphloia*	550.444
BBX	Brush box	*Tristania conferta*	1,078.83
BLW	Blush walnut	*Beilschmiedia obtusiflora*	0.792
BRI	Broad-leaved red ironbark	*E. fibrosa*	6,315.06
CBN	Carbeen	*E. tessellaris*	75.144
CBX	Coowarra box	*E. cambageana*	0.573
CKI	Cooktown ironwood	*Erythrophleum chlorostachys*	112.045
CP-	Cypress pine	*Callitris glaucophylla*[8]	134,691.53
DSK	Darwin stringybark	*E. tetrodonta*	111.322
FBX	Fuzzy box	*E. conica*	0.287
FRG	Forest red gum	*E. tereticornis*	8,482.15
GBX	Grey box	*E. moluccana*	2,833.86
GMS	Gympie messmate	*E. cloeziana*	3,223.33
GRG	Grey gum	*E. propinqua*	1,693.11
GRI	Grey ironbark	*E. paniculata*[8]	12,225.43
GTB	Gum-topped bloodwood	?	6.427
GTI	Gum-topped ironbark	*E. decorticans*	60.655
MBW	Melville Island bloodwood	*E. nesophila*	13.145
MRI	Red ironbark	*E. sideroxylon*	16.099

[7] Qld Department of Primary Industries, Foresty. Helped on Wood Harvest Statistics. Chris Bragg is currently extracting volume data for 1998/99.

[8] Species with volumes > 10,000 m^3.

SPECIES CODE	TRADE NAME	SCIENTIFIC NAME	VOLUME (m^3)
NEB	New England blackbutt	*E. andrewsii*	68.961
NRG	Narrow-leaved red gum	?	9.528
NRI	Narrow-leaved red ironbark	*E. crebra*	6,386.11
QPM	Queensland peppermint	*E. exserta*	8.384
RBW	Red bloodwood	*E. intermedia*	340.685
RMY	Red mahogany	*E. resinifera*	5,565.52
RSG	Rose gum	*E. grandis*	1,531.59
SBG	Sydney blue gum	*E. saligna*	22.536
SCG	Scribbly gum	*E. sclerophylla?*	2.69
SPG	Spotted gum	*Corymbia maculata*[8] *etc*	195,959.28
TRP	Turpentine	*Syncarpia glomulifera*	981.162
TWD	Tallowwood	*E. microcorys*	3,493.42
WMY	White mahogany	*E. acmenoides*	3,586.64
WSK	White stringybark	*E. nigra* (includes *E. phaeotricha*)	8,001.12
WSR	White siris	?	4.276
YBW	Yellow boxwood	?	2.563
YLJ	Yellowjacket	*E. peltata*	0.798

* Data from 01/07/1999 to 30/06/2000

Table 7. Areas planted to hardwood plantations by State (data from BRS, March 2000)

State	Area (ha)
NSW	44,451
ACT	194
VIC	65,378
TAS	101,844
QLD	11,182
NT	949
WA	152,800
SA	12,230
Total	**389,028**

The main species being cultivated were not provided in the BRS March 2000 report. The most recent assessment of these species was given in the 1997 National Plantation Inventory (Bureau of Resource Sciences - Belinda Allison[9] *pers. comm*. 2000) when the plantation estate was about 30-50% of the area under hardwood plantations. The 1997 list is out of date but does roughly indicate the main species being planted. Table 8 is an amended extract of this report.

Other important eucalypts not recorded on the 1997 list include *Corymbia maculata/variegata* (NSW), *E. camaldulensis* and *E. astringens* (WA).

[9] National Forest Inventory, Bureau of Rural Resources, Canberra.

Table 8. Areas planted by tree species up till 1994 and estimates of proportion of species planted in 1994 and 2000

Species	Area (ha)	Estimate of species proportion (1994)	Estimate of species proportion (2000)
E. globulus	41,260	49%	70%
E. nitens	12,230	13%	15%
E. grandis	13,326	8%	5%
E. pilularis	8,884	5.6%	5%
E. regnans	5,980	3.7%	1%
Minor eucalypt species	11,310		
Unidentified hardwood species	65,580[10]		
Total (1994)	**158,570**		

For NSW the main species currently planted (and proportions) are *E. pilularis* (30%), *E. dunnii* (30%), *C. variegata* (30%) and *E. grandis* (8%). Rob Heathcote[11] pers. comm. 2000. Approximate data only.

4. CONCLUSIONS

This report has concentrated on indigenous hardwood species commercially harvested from crown lands. The report also covers the main species being planted in hardwood plantations today.

Most States appear to have good statistics for the main species harvested. Information available on the minor species being harvested is less well documented in most States. Thought could be given to asking States to collect better and more comparable data on a species basis. This would help in the collection of more consistent data on wood harvest each year in Australia.

The report does not include data on tree species removed through clearing on private land. The main problem being that it is difficult to estimate which species are being removed, and the proportion of each species being removed, from any given area. This situation would apply to the large areas currently being cleared in Qld. Nevertheless it is expected that *Acacia harpophylla* (brigalow) and *Eucalyptus populnea* feature prominently in these clearing programs.

The consultants have made no attempt to estimate average wood densities for forest structural classes or regions of Australia (discussed under Methods). We await advice from AGO on whether we should proceed to assess this data.

Spotted gum is a major species being harvested in NSW and Qld. Spotted gums really consist of four closely related species i.e. *Corymbia maculata, C. variegata, C. henryi* and *C. citriodora.*

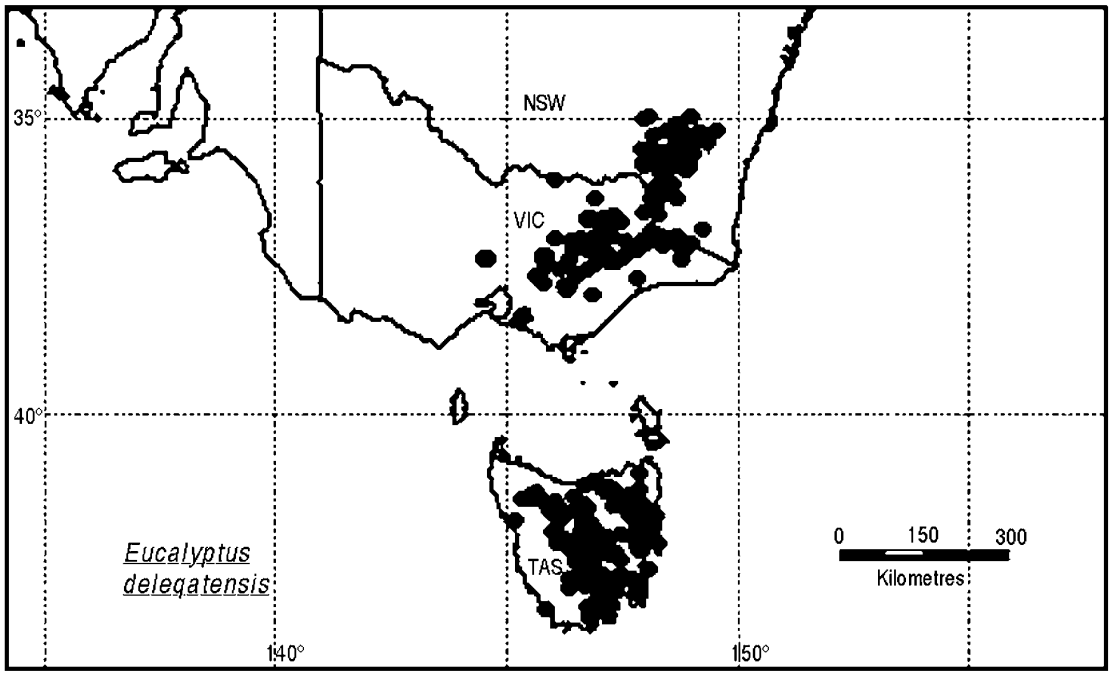
One surprise revealed was that on a species basis *Callitris glaucophylla* was a very important species being harvested in NSW (second) and Qld (first). The reason for this statistic is not clear but may be because the species is easily recognisable and recorded i.e. it does not necessarily mean that the overall cut has increased dramatically in recent years.

[10] Estimated that 70% consists of *E. globulus* and *E. nitens* (4:1, *E. globulus*: *E. nitens*, 36,000:9,000 respectively). This entry indicates the difficulty in accessing good data.

[11] Manager, Hardwood Plantations. State Forests of New South Wales.

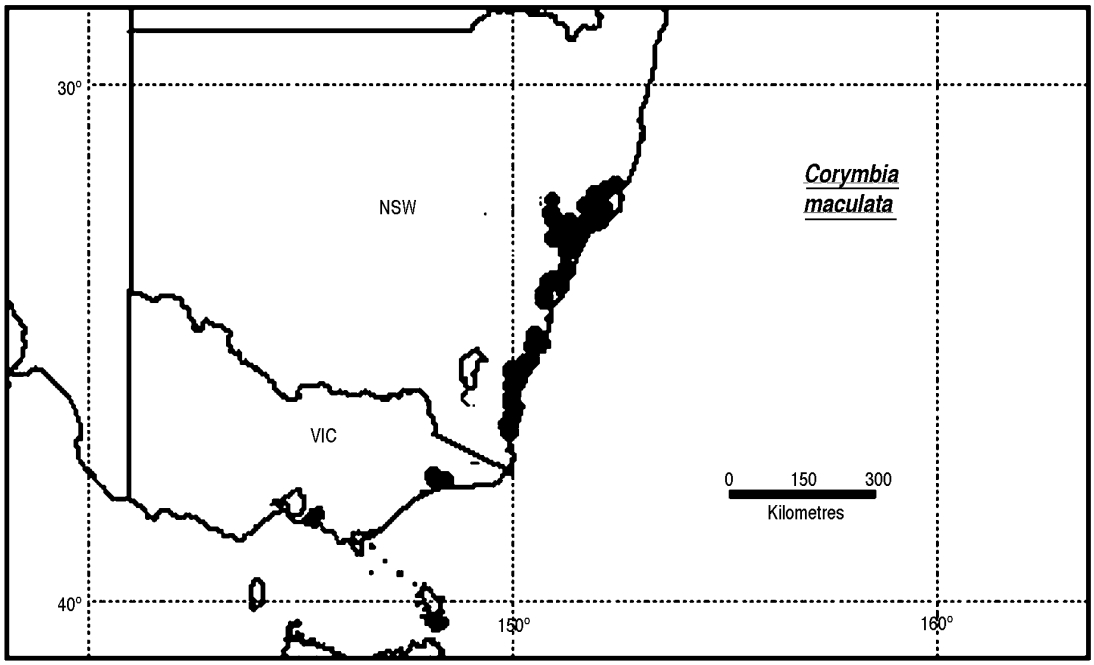
APPENDIX 3

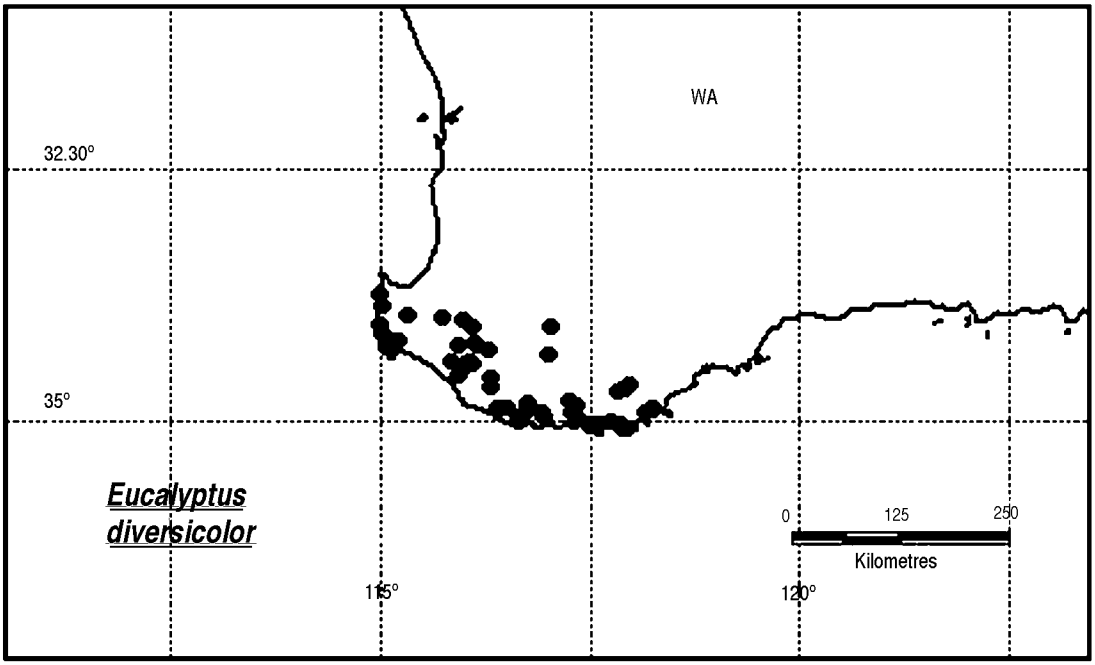
1. SPECIES DISTRIBUTION MAPS

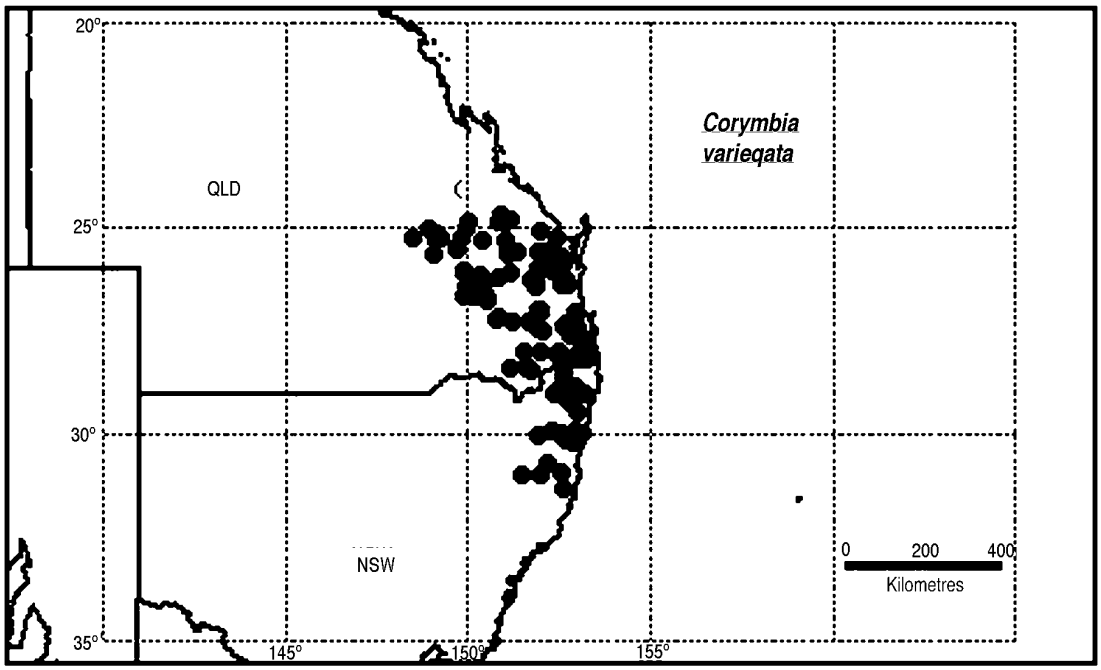


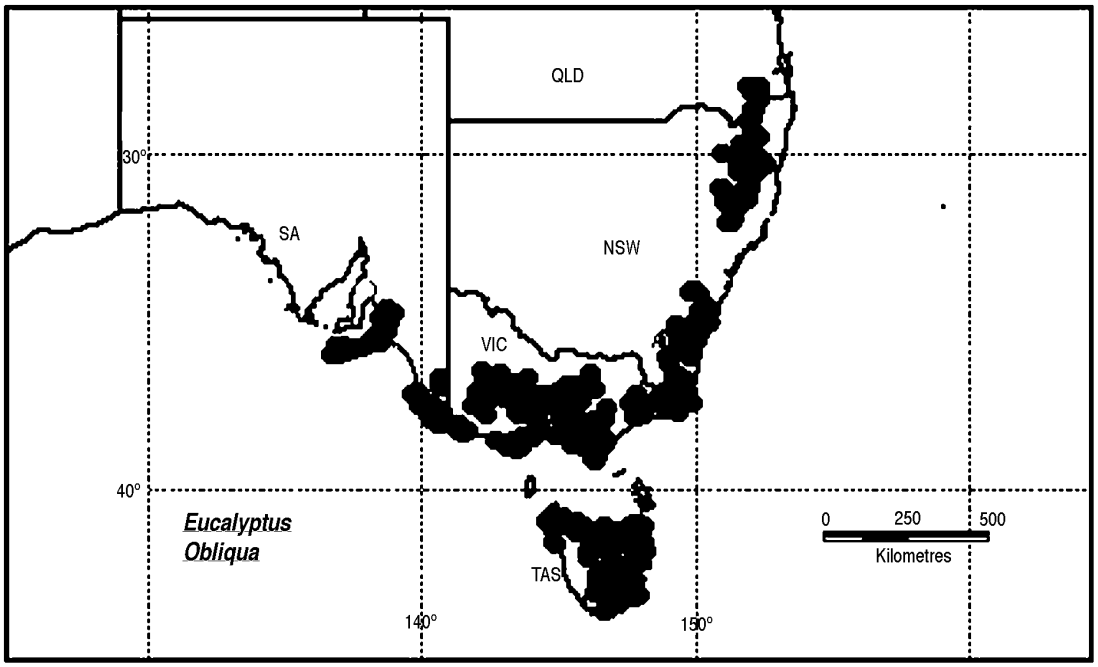
APPENDIX 3

1. SPECIES DISTRIBUTION MAPS continued



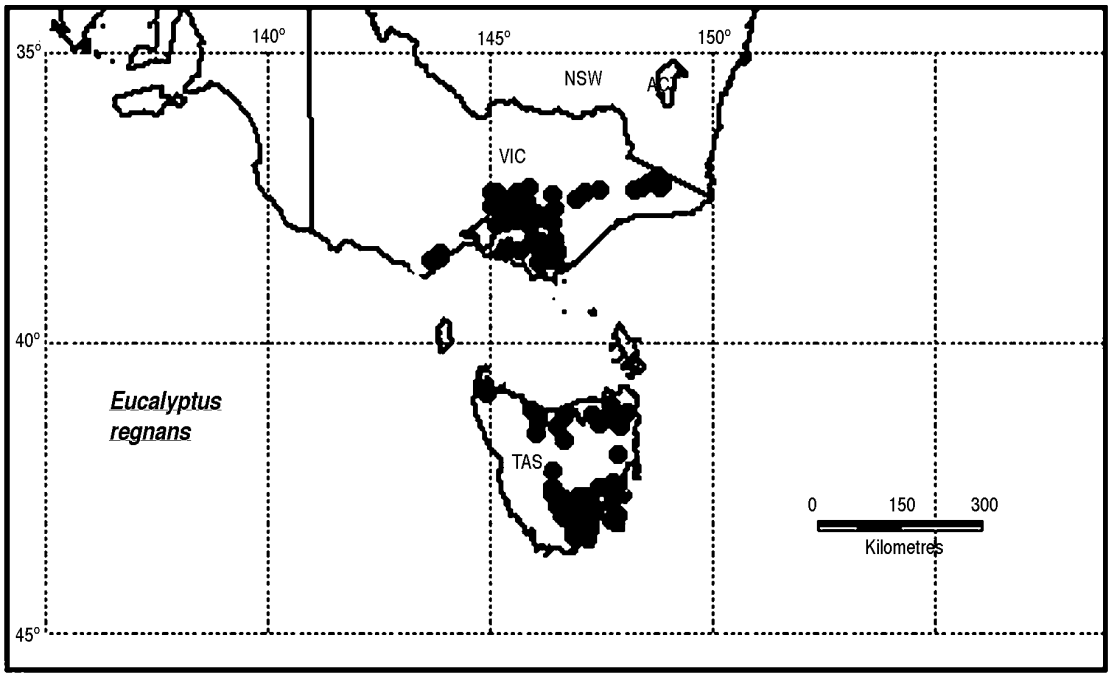


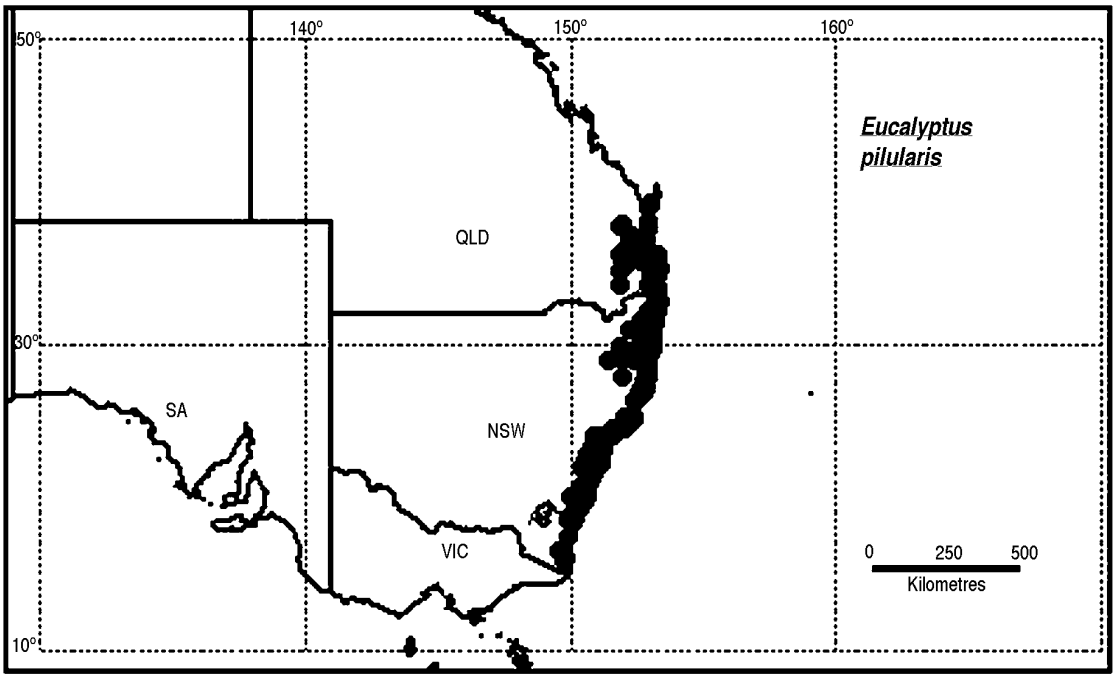

20°
25°
30°
35°
145°
150°
155°
QLD
NSW
Corymbia
varieqata
0
200
400
Kilometres

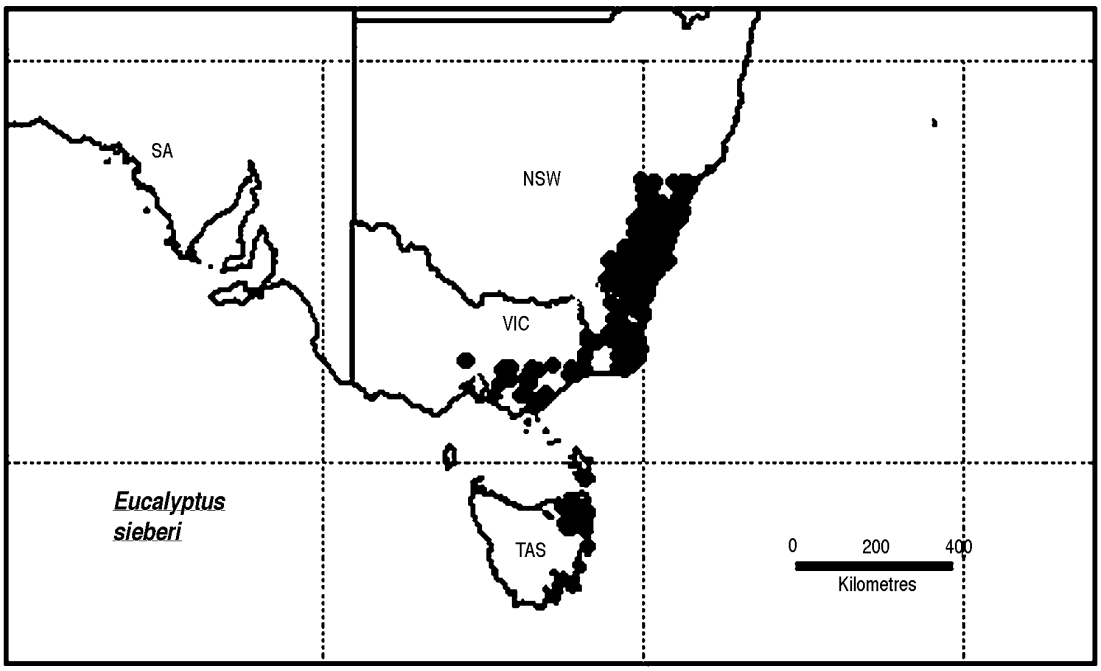

QLD
30°
SA
NSW
VIC
40°
Eucalyptus
Obliqua
TAS
140°
150°
0
250
500
Kilometres

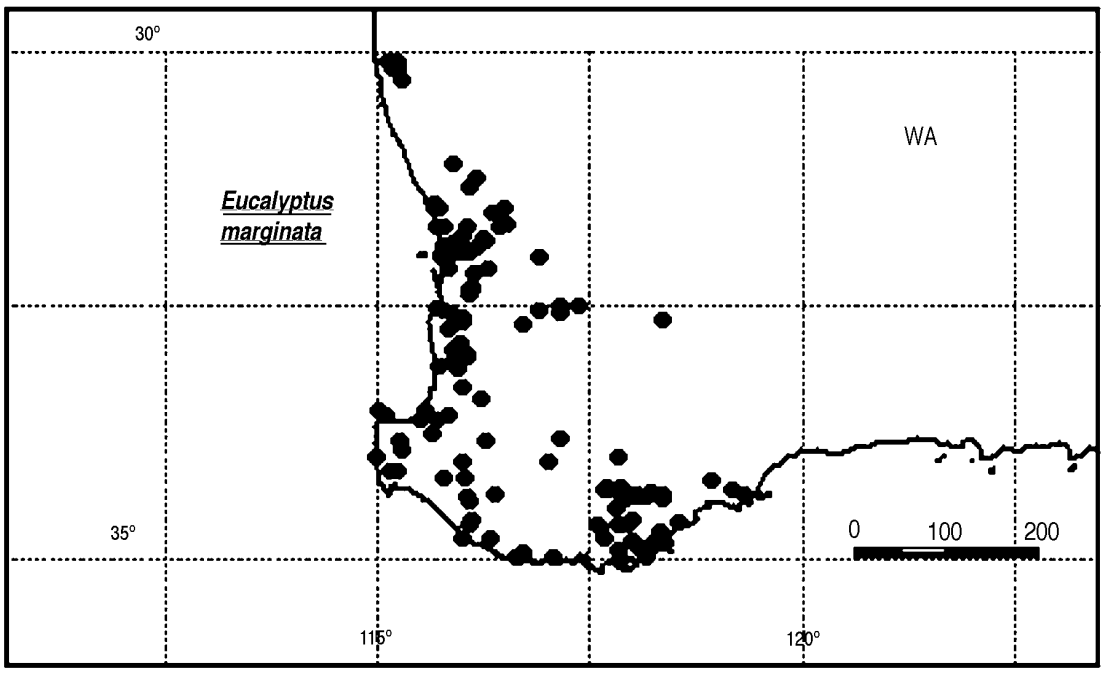
APPENDIX 3

1. SPECIES DISTRIBUTION MAPS continued






SA
NSW
VIC
TAS
Eucalyptus sieberi
0
200
400
Kilometres


30°
WA
Eucalyptus marginata
35°
0
100
200
115°
120°

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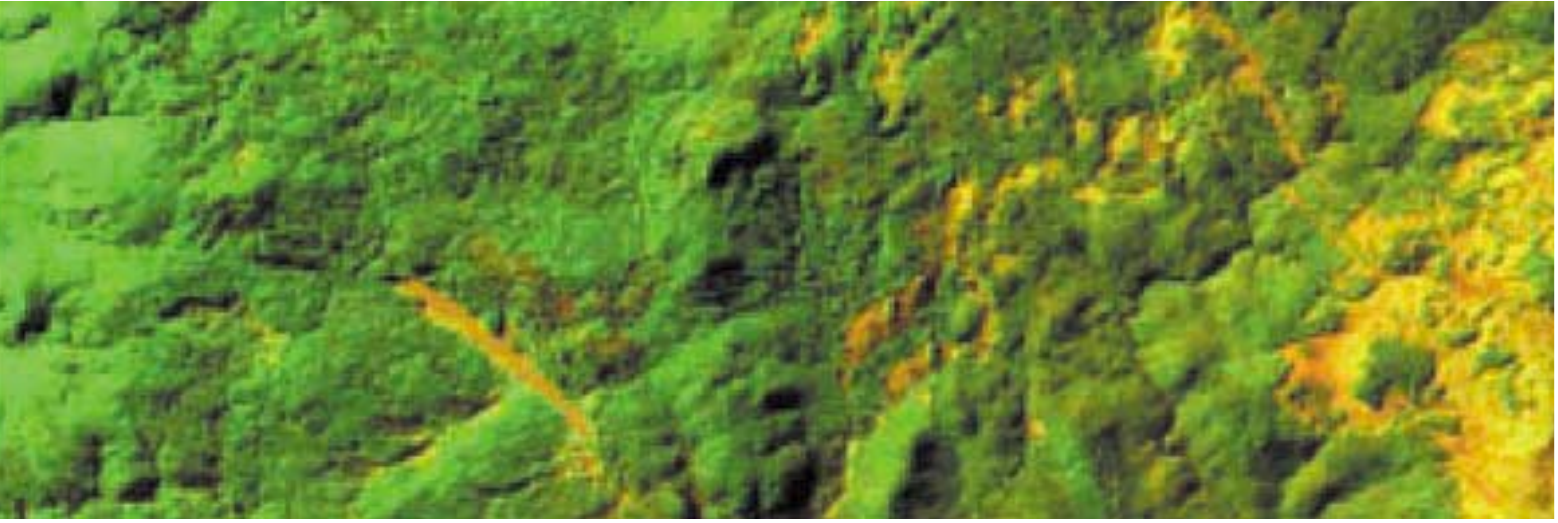

The National Carbon Accounting System provides a complete accounting and forecasting capability for human-induced sources and sinks of greenhouse gas emissions from Australian land based systems. It will provide a basis for assessing Australia's progress towards meeting its international emissions commitments.