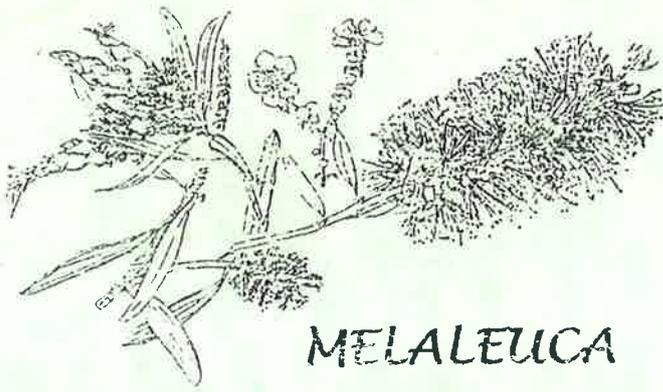
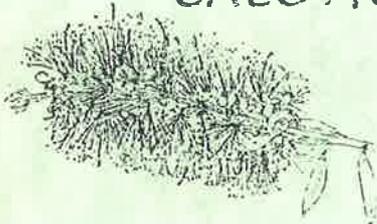


CALLISTEMON



MELALEUCA

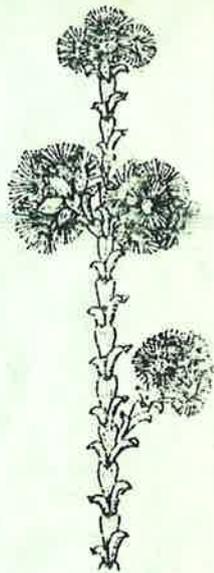
CALOTHAMNUS



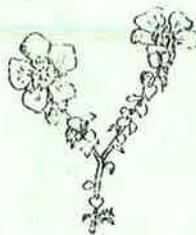
LEPTOSPERMUM

PHYMATOCARPUS

KUNZEA

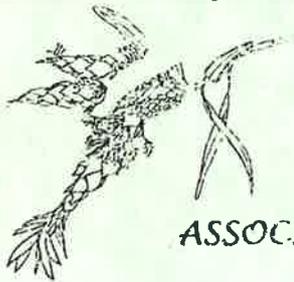


BEAUFORTIA



REGELIA

EREMEA



HYPOCALYMMMA

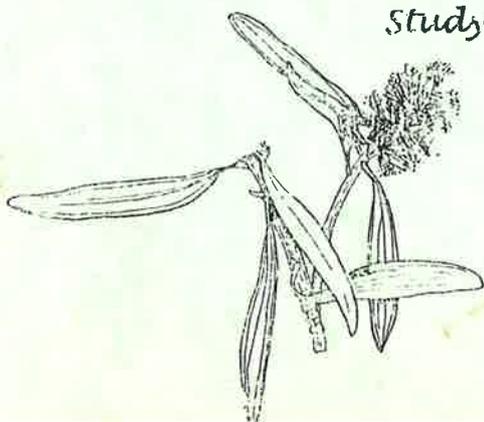
ASSOCIATION OF SOCIETIES FOR GROWING AUSTRALIAN PLANTS

MELALEUCA AND ALLIED GENERA STUDY GROUP

LEADER : C. A. Cornford

Study Group Report Number Two

November 2003



Association of Societies for Growing Australian Plants
Melaleuca and Allied Genera Study Group

Report Number Two

The information contained in this report has been obtained from reports submitted by study group members, other interested persons and from observations of plants growing in their natural habitat in various parts of Australia. In some cases the information is incomplete but I have endeavoured to fill in the gaps from books on Australian Plants, Australian Plant Journals, various State Bulletins, reports and discussions with various growers and persons interested in Australian flora

It is hoped the information contained in this report will increase the understanding of Australian Plants and will help to increase the knowledge of the adaptability of many species of Australian indigenous flora to a wide range of climatic and soil conditions

Thank you to all those who have submitted reports on plants being grown by them and to all those who assisted with additional information. Without your help this publication would not have been possible

Colin Cornford

Leader : Melaleuca and Allied Genera Study Group

November 2003

NOTES

1. SOILS AND DRAINAGE

Soil types found in the various gardens mentioned in this report are, generally, shown in the text adjacent to the location of the garden. There are a few which are worthy of additional comment :

The soil at Willmot in New South Wales is a sodium clay which has had copious quantities of gypsum added to it. The effect of this has been to dramatically improve the structure of the soil and to improve drainage conditions which were, originally, very poor. The owner of this property advises that his soil now behaves like a clay loam with good internal drainage. As an example, it is claimed that water drains away within a few minutes of cessation of heavy rainfall or heavy watering.

Soil at Richmond in Tasmania is a red clay, originally fairly well drained, which has been improved by the addition of sandy loam. This has had the effect of improving drainage further and allows for a better root run for plants being grown..

At Neer in The Netherlands almost all plants, some 350 + specimens of some 200 species of Australian plants, are grown in containers of various size up to 70 litres in volume so they can be moved indoors to hothouses during winter when temperatures can be quite low and snowfalls are quite common. The soil used in the containers is a peat based potting mix with a pH of 5.0 to 6.5.

Australian plants being grown at the National Botanic Gardens at Meise in Belgium are also grown in containers in a potting mix made up of 45 % of coconut fibre, 35 % of loam and 20 % of sand. It is reported that a 9-10-18 fertiliser is used. All plants are repotted annually. Plants being grown at these gardens are housed in greenhouses where the temperature is maintained at a minimum of 10oC ..

The basic soil type at Myrree in Victoria is a red clay and, in its natural state, it is quite fertile and fairly well drained. but drainage in some areas has been improved by the construction of raised beds of sandy loam material where plants requiring better drainage are being grown.

The red-grey clay at Redland Bay in Queensland sets hard when dry and becomes very sticky when wet which makes it hard to work. Regardless of this difficulty of workability plants being grown in this relatively new garden are doing very well. The garden is on a slope of approx 6 % so surface drainage is good and internal drainage is also better than would be expected of this heavy soil. The garden is planted predominantly to Callistemon and northern Australian Melaleuca species as it was considered that these species would be better suited to the heavy clay but there are other plants, including a number of Grevilleas, which are growing well..

Dynamic Lifter (used sparingly around members of the Protaceae family) , liquid fertilisers such as Thrive etc, compost and animal manures. Mulches used include - pine bark, pine or hardwood chips , forest mulch. (branches and leaves shredded by commercial tree-loppers when trees are lopped) , , prunings from various trees and shrubs , sugar cane trash (leaves left after harvest of cane) and lucerne hay or cereal hay which has been spoiled by rain. Sugar cane trash makes a good mulch but it breaks down fairly quickly and requires to be replaced fairly often. Pea straw is fairly widely used as a mulching material in Tasmania and is used in Queensland but on a lesser scale as it is not so plentiful. It may also be available in other States of Australia. Lucerne hay and pea straw provide some nitrogen to the soil as they break down.

5. PESTS AND DISEASES

Pests and diseases do not appear to pose a serious threat to plants of the genera covered by this study group. There have been some reports of damage by sawfly larva to some species. Stem borers can damage and kill small branches on some species . Webbing caterpillars build unsightly nests and can cause some damage to some of the small-leaved species (*Leptospermum* “ Pink Cascade is particularly susceptible) . The young growth of the broad-leaved *Melaleuca* species are consistently attacked by the leaf-spotting Mirid Bug which results in considerable leaf disfiguration in small plants but which is less noticeable as the plant gets larger. White scale can cause a slight problem on some *Leptospermum* species

6. GEOGRAPHIC LOCATIONS AND CLIMATE DATA

The co-ordinates of latitude and longitude relate to the town nearest to the supplier of the information. It does not necessarily relate exactly to the property where the plants are being grown as, in some cases, the property may be some distance from the nearest town . These locations are given mainly as a guide in order that locations can be related to each other . Also included with these locations is the elevation of the relevant rainfall station, average minimum and maximum daily temperatures, the months when highest average rainfalls are received and the average annual rainfall.

7. FLOWER COLOUR

There may be a few gaps in the flower colour column and , in most cases , only one colour , the most commonly occurring colour , is shown but there are a number of instances where there is considerable variation in the flower colour within a species.

8. REFERENCES

Field Guide to *Melaleucas* – Volume 1 and 2 – Ivan Holliday
Bottlebrushes, Paperbarks and Tea-trees - J.W. Wrigley and M. Fagg
Flora of South-eastern Queensland - Vols 1,2,3, - Stanley and Ross

Native Plants of Queensland – Vols 1,2,3,4 - K. Williams
Bureau of Meteorology Records
Top End Native Plants – John Brock
Australian Native Plants – 4th edition – J.W. Wrigley and M. Fagg

GEOGRAPHIC LOCATIONS AND CLIMATE DATA

Location	Latitude	Longitude	Elevation A.S. L. (metres)	Av. Daily max. temp (oC)	Av. Daily min. temp. (oC)	Months of highest rainfall - mm (1)	Av. Annual rainfall - mm
Adelaide S.A.	34 56 S	138 35 E	40	21.8	12	5,6,7,8	530
Armidale N.S.W.	30 31 S	151 40 E	987	20.3	7.1	1,2,3,6,9,10,11,12	793
Benalla Vic	36 33 S	145 58 E	170	21.9	8.7	5,6,7,8,9,10	670
N.B.G. - Belgium	50 53 N	4 22 E					
Brisbane Qld	27 29 S	153 02 E	38	25.4	15.6	1,2,3,11,12	1100
Busselton W.A.	33 40 S	115 21 E	4	22	10.4	4,5,6,7,8	818
Corowa N.S.W.	36 00 S	146 21 E	143	22.3	8.9	5,6,7,8,9,10	539
Cranbourne N.S.W.	38 08 S	145 16 E	85	19.2	9.6	1,2,4,5,6,7,8,9,10,11,12	826
Dubbo N.S.W.	32 13 S	148 34 E	275	23.9	10.6	1,2,3,5,11,12	531
Dulegal Arboretum N.S.W. (2)	31 19 S	151 08 E	533	N/A	N/A	1,2,3 5,6,7,10,11,12	796
Emerald Beach N.S.W (3)	30 07 S	153 11 E	30	23.6	14.1	1,2,3,4,5,6,12	1768
Florida U.S.A.	82 00 W *	27 30 N *	13	N/A	N/A	N/A	1800
Geraldton W.A.	28 47 S	114 42 E	33	25.8	13.6	4,5,6,7,8,9	462
Gosford N.S.W.	33 24 S	151 20 E	20	22.8	11.1	1,2,3,4,5,6	1318
Greenbank Qld	27 42 S	152 56 E	50	N/A	N/A	1,2,3,4,5 11,12	941
Heswall U.K.	53 20 N	3 00 W	55	23.6	0.8	N/A	
Jervios S.A. (4)	35 14 S	139 27 E	21	N/A	N/A	2,3,4,5,6,7,8,9,10,11,12	375
Margaret River W.A.	33 57 S	115 04 E	80	N/A	N/A	5,6,7,8,9	1147
Melbourne Vic	37 49 S	144 58 E	112	19.7	10	Even over year	660
Montrose Vic	37 48 S	145 22 E	170	N/A	N/A	Even over year	1044
Myrree Vic	36 43 S	146 18 E	320	N/A	N/A	5,6,7,8,9,10	1050
Neer - The Netherlands	50 50 N	5 45 E		average dai ly temp for year = 16.6oC			202
Queanbeyan A.C.T.	35 21 S	149 14 E	580	20.7	6.4	Even over year	594
Redland Bay Qld (5)	27 31 S	153 11 E	20	25	15.6	1,2,3 11 12	1318
Richmond Tas.	42 46 S	147 24 E	40	N/A	N/A	Even over year	530
San Diego U.S.A.	32 40 N	117 00 W	70 - 150	N/A	N/A	N/A	250
Samsonvale Qld	27 17 S	152 49 E	65	N/A	N/A	1,2,3,4 5,10,11,12	1157

Strathmerton Vic	35 55 S	150 11 E	106	N/A	N/A	Even over year	445
Tenterfield N.S.W.	29 03 S	152 01 E	860	21.4	8.1	1,2,3,10,11,12	855
Thornlands Qld (6)	27 31 S	153 11 E	20	25	15.6	1,2,3,11 12	1318
Uralla N.S.W.	30 39 S	151 29 E	1012	19.8	6.3	1,2,3,4,10,11,12	802
Willmot N.S.W.	33 49 S	150 48 E	30	N/A	N/A	1,2,3,4,9,11,12	647

Notes

(1) months shown have highest average recorded rainfalls

(2) recordings for Woolomin used

(3) recordings for Woolgoolba used

(4) recordings for Tailm Bend used

(5) recordings for Capalaba used

(6) recordings for Capalaba used

* approximate location only - actual city/town not known

SECTION ONE

CALLISTEMON SPECIES

CALLISTEMON SPECIES

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
acuminatus	Melbourne Vic	black/brown soil	red	spring	good	yes	on rocky hillsides along the eastern coast of N.S.W.
brachyandrus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red with gold anthers	spring/autumn	good	yes(snow)	in depressions and along dry creek beds in central N.S.W and in north - west Vic
	Strathmerton Vic San Diego -- California U.S.A.	clay loam sandy loam to sand to sand over clay			fair to good fair to good	yes yes	
chisholmii	Dubbo N.S.W.	red-brown clay loam	red with yellow anthers	spring and at other times of the year	fair to good	yes	along creeks in sandstone areas in central Qld
citrinus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red but may be white or pink	spring/summer/ autumn	good	yes(snow)	in swampy areas along the east coast of N.S.W.
	Strathmerton Vic San Diego -- California U.S.A.	clay sandy clay to sand to sand over clay			fair fair to good	yes yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%), sand(20%) at a min.temp of 10oC			good	yes(snow)	
comboynensis	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	summer/autumn	good	yes(snow)	in rocky areas and on cliffs along creeks in the coastal ranges of north-east N.S.W.
	Corowa N.S.W.	clay soil			fair to good	yes	

	National Botanic Gardens - Belgium	in containers in coconut fibre (45%), loam(35%), sand(20%) at a min.temp.of 10oC			good	yes(snow)	
	San Diego -- California U.S.A.	sandy clay to sand			fair to good	yes	
	Melbourne Vic	to sand over clay black/brown soil			good	yes	
flavovirens	Dubbo N.S.W.	red -brown clay loam	greenish - yellow	spring/summer	fair to good	yes	along creeks in rocky, often granite areas in south-east Qld and north-east N.S.W.
formosus	Strathmerton Vic National Botanic Gardens - Belgium	deep sand in containers in coconut fibre(45%), loam(35%), sand(20%) at a min.temp. of 10oC	cream	spring/summer	good good	yes yes(snow)	in rocky areas often near rain forests in the Kingaroy district of Qld
glaucus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer	good	yes(snow)	in swampy areas in south-west W.A.
	Margaret River W.A.	clay to sandy loam			fair to good	yes(light)	
	Richmond Tas.	red clay			fair to good	yes	
	Strathmerton Vic	sand-covered clay mound			fair to good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
linearis	Strathmerton Vic	on clay island in dam	red	spring	good	yes	on creek banks and in wet sandy soils on the central coast of N.S.W.
montanus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer	good	yes (snow)	on the edges of cliffs in the Border Ranges of south-east Qld and north-east N.S.W.

pachyphyllus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5 Dubbo N.S.W.	red, green or pink	spring/summer/ autumn	good	yes (snow)	in sandy coastal heaths in south-east Qld and north-east N.S.W.
	Thornlands Qld	red clay loam			fair to good	yes	
	Strathmerton Vic	sand-covered clay mound			good	no	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp of 10oC			good	yes (snow)	
	Redland Bay Qld	red-grey clay			fair to medium	no	
pallidus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream to yellow	spring/summer	good	yes (snow)	near creeks and in wet areas in high country in south-east Qld and in eastern N.S.W.
	Richmond Tas.	red clay			fair to good	yes	
	Strathmerton Vic Benalla Vic	clay loam shallow topsoil over mudstone			fair to good good	yes yes	
pearsonii	Redland Bay Qld	red-grey clay	red	in sandstone areas on Blackdown Tableland in central Qld	fair to medium	no	
phoeniceus	Strathmerton Vic	sand-covered clay mound	red (some pink forms have been seen	spring/summer	fair to good	yes	along creeks and low-lying areas in sandy soils in south-west W.A.
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
pinifolius	Neer -- The Netherlands	in containers in peat based potting mix	green or red	spring/summer	good	yes(snow)	in damp areas in high country in north-east N.S.W.

	Corowa N.S.W.	pH 5.0 - 6.5 clay soil			fair to good	yes	
	Thornlands Qld	red clay loam			good	no	
	Strathmerton Vic	sandy loam			good	yes	
	Willmot N.S.W.	sodium clay (see notes)			good	no	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp.of 10oC			good	yes (snow)	
pityoides	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	creamy - yellow	summer	good	yes(snow)	in wet areas often in granite areas in high country in south-east Qld, coastal N.S.W. and north-east Vic
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	Heswall U.K.	sandy loam			see notes	yes (snow)	
polandii (a variable species with a number of forms)	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red with yellow anthers	late winter/spring	good	yes (snow)	in high organic content soils in rocky areas in central and north-east Qld
	Corowa N.S.W.	clay soil			fair to good	yes	
	Strathmerton Vic	deep sand			good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
recurvus	Corowa N.S.W.	clay soil	red with yellow anthers	spring	fair to good	yes	in well-drained granite soils on the Atherton Tableland in north Qld
	Strathmerton Vic	sand-covered clay mound			good	yes	
	Myrree Vic	red clay			fair to good	yes	
rigidus	Neer -- The Netherlands	in containers in peat based potting mix Ph 5.0 - 6.5	red with dark coloured anthers	spring	good	yes (snow)	in damp heaths and shrubland in the Sydney Region

	Florida U.S.A.	loam over clay at depths from 0.6 to 2 m			fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp.of 10oC			good	yes(snow)	
	Strathmerton Vic	deep sand			good	yes	
rugulosus	Strathmerton Vic	sand -covered clay mound	red	spring/summer/autumn	good	yes	in damp sandy soils in south-west Vic. and in southern S.A.
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp.of 10oC			good	yes(snow)	
salignus	Neer — The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white to yellow with pink and occasional red	spring/autumn	good	yes (snow)	along creeks and rivers in south-east Qld and eastern N.S.W.
	Margaret River W.A.	clay to sandy loam	forms		fair to good	yes (light)	
	Strathmerton Vic	sand-covered clay mound	available		fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp. of 10oC			good	yes (snow)	
	Heswall U.K.	sandy loam			see notes	yes (snow)	
sieberi	Neer — The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream with occasional pink forms	spring/summer/autumn	good	yes(snow)	along creeks on the Great Dividing Range in eastern N.S.W. and south-east Qld
	Strathmerton Vic	sand -covered clay			fair to good	yes	

	Benalla Vic	mound shallow topsoil over mudstone			good	yes	
	Richmond Tas	red clay			fair to good	yes	
subulatus	Strathmerton Vic Heswall U. K.	clay loam sandy loam	red	summer	fair to good see notes	yes yes (snow)	along watercourses in south-east N.S.W.
teretifolius	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer	good	yes(snow)	in rocky areas of the Flinders Ranges in S.A.
viminalis	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer and often in other seasons	good	yes (snow)	along watercourses in a wide range of soils along most of the coast and adjacent inland areas of Qld and in north-east N.S.W.
	Florida U.S.A.	loam over clay at depths of 0.2 to 2 m			fair to good	yes	
	Strathmerton Vic San Diego -- California U.S.A.	sandy loam sandy loam to sand to sand over clay			good fair to good	yes yes	
violaceus	Not generally accepted as a species in its own right. It appears to have some affinity to <i>C.citrinus</i> It is being grown at Neer in The Netherlands and in the National Botanic Gardens in Belgium Flower colour is red-purple						
viridiflorus	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	yellow-green	spring/summer	good	yes(snow)	in damp areas in mountain areas in southern Tas.
	Heswall U.K.	sandy loam			see notes	yes (snow)	

SECTION TWO

CALLISTEMON CULTIVARS

CALLISTEMON CULTIVARS

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
" Adina "	Redland Bay Qld	red-grey clay	red	spring	fair to medium	no	
" Burgundy'	Thornlands Qld	red clay loam	burgundy	spring/summer	good	no	unknown
" Candy Pink "	Corowa N.S.W.	clay soil	pinkish red	spring/summer/ autumn	fair to good	yes	New England area of N.S.W.
	Margaret River W.A, Benalla Vic	clay to sandy loam shallow topsoil over mudstone			fair to good good	yes yes	
" Captain Cook "	Benalla Vic	shallow topsoil over mudstone	red	spring and also ϵ other times of the year	good	yes	a dwarf form of <i>C. viminalis</i>
citrinus " Anzac" (also sold under a number of other names)	Richmond Tas. Benalla Vic	red clay shallow topsoil over mudstone	white	most of year	fair to good good	yes yes	a dwarf growing form of <i>C. citrinus</i>
	Redland Bay Qld	red-grey clay			fair to medium	no	
citrinus " Endeavour"	Benalla Vic	shallow topsoil over mudstone	red	spring/summer	good	yes	a tall-growing form of <i>C</i> <i>citrinus</i> . Origin unknown
	Redland Bay Qld	red-grey clay			fair to medium	no	
" Cobberas Dwarf "	Corowa N.S.W.	clay soil	creamy-yellow	spring/summer	fair to good	yes	a form of <i>C. pityoides</i> from Mt Cobberas in north-east Vic
" Coconut Ice "	Thornlands Qld	red clay loam	pink/cream	spring	good	no	origin unknown
" Demesne viminalis "	Redland Bay Qld	red-grey clay	red	spring/summer	fair to medium	no	a selection by Harry Infield

							previous study group leader while at Forster in N.S.W.
" Eastland "	Corowa N.S.W.	clay	pinkish-red	spring/summer	good	yes	a selection from a plant at Eastland shopping centre - Ringwood, Vic
" Ebor"	Melbourne Vic Redland Bay Qld	black/brown soil red-grey clay	pale pink	spring	good fair to medium	yes no	possibly a form of <i>C sieberi</i> from the Ebor area of the New England tableland of N.S.W.
" Eureka "	Corowa N.S.W. Benalla Vic	clay soil shallow topsoil over mudstone	purplish-red	spring	fair to good good	yes yes	a form of <i>C. salignus</i> from a Brisbane nursery
: Firebrand " *	Benalla Vic	shallow topsoil over mudstone	red	spring	good	yes	a form of <i>C. citrinus</i>
* 2 forms of " Firebrand " available - <i>Austriflora</i> " Firebrand " and " Firebrand " (Fairhill Form)							
" Glasshouse Country "	Redland Bay Qld	red-grey clay	pink	spring	fair to medium	no	a selection fby Mrs E.J. Morgan from seedlings of <i>C.recurvus</i> x <i>C. salignus</i> at Glasshouse Mts in Qld
" Glasshouse Ngun Ngun "	Redland Bay Qld	red-grey clay	red	spring	fair to medium	no	a selection by Mrs E.J. Morgan , Glasshouse Mts, Qld from a batch of seedlings of <i>C. recurvus</i> x <i>C. Salignus</i>
" Greenbriar "	Corowa N.S.W.	clay soil	purplish-red	spring	good	yes	reputed to be a hybrid of <i>C. citrinus</i> and <i>C. " Lilacinus"</i> from Greenbriar nursery

							in Melbourne Vic
" Hamiltons Hybrid "	Melbourne Vic Redland Bay Qld	black/brown soil red-grey clay	red	spring ?	good fair to medium	yes no	origin unknown
" Hinchinbrook Island "	Melbourne Vic Corowa N.S.W.	black/brown soil clay	red with yellow anthers	spring	good good	yes yes	from Hinchinbrook Island off the north coast of Qld
" Injune "	Dubbo N.S.W. Margaret River W.A. Myrrhee Vic	red-brown clay loam clay to sandy loam red clay	pink	summer	fair to good fair to good fair to good	yes yes yes	in sandstone areas near Injune in central Qld
" Jeffersii "	National Botanic Gardens - Belgium	in containers in coconut fibre (45%), loam(35%),sand(20%) at a min.temp.of 10oC	reddish - purple	spring	good	yes (snow)	a hybrid from U.S.A. - parentage unknown
" Jenny Wren "	Melbourne Vic	black/brown soil	red with gold anthers	spring/autumn	good	yes	possibly a hybrid of C.poland and C. recurvus from a garden in Brisbane Qld
" Kings Park Special "	Margaret River W.A. Benalla Vic Willmot N.S.W. Redland Bay Qld	clay to sandy loam shallow topsoil over mudstone sodium clay (see notes) red-grey clay	red	spring/autumn	fair to good good good fair to medium	yes yes no no	parentage unknown but possibly contains C. viminalis Seedling arose in Kings Park W.A.
" Lavender Showers"	Corowa N.S.W.	clay	mauve	spring ?	good	yes	origin uncertain
" McIntosh "	Thornlands Qld Redland Bay Qld	red clay loam red-grey clay	red	spring	good fair to medium	no no	possibly a hybrid or form of C. salignus
" Mauve Mist "	Richmond Tas	red clay	pinkish-mauve	spring/summer	fair to good	yes	a form of C.citrinus from seed of C. " Reeves Pink "

" Mrs Foetel "	Melbourne Vic	black/brown soil	red	spring	good	yes	origin unknown
" Mount Mee "	Melbourne Vic	black/brown soil	red	spring	good	yes	from Mount Mee in south-east Qld - possibly a new species
" Nodding Red "	Redland Bay Qld	red-grey clay	red	spring	fair to medium	no	a selection from near Ayr in north Qld . Similar to sp. " Ayr
" Packers Selection "	Corowa N.S.W.	clay	deep red	spring/summer/ autumn	good	yes	a form of <i>C. subulatus</i>
" Perth Pink "	Neer — The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	pink	spring	good	yes(snow)	possibly a form of <i>C. viminalis</i> from south-west W.A.
	Margaret River W.A.	clay to sandy loam			fair to good	yes	
" Pindi Pindi"	Redland Bay Qld	red-grey clay	red	spring	fair to medium	no	a selection from seedlings from Pindi Pindi near Mackay in central Qld
" Pink Alma "	Redland Bay Qld	red-grey clay	pink	spring	fair to medium	no	possibly a form of <i>C. viminalis</i>
" Pink Champagne "	Margaret River W.A.	clay to sandy loam	pink	most of year	fair to good	yes	a selection by Fairhill Nursery , Yandina Qld. Parentage not known
	Redland Bay Qld	red-grey clay			fair to medium	no	
	Thornlands Qld	red clay loam			good	no	
" Pink Delight "	Redland Bay Qld	red-grey clay	deep pink	late winter, spring,summer	fair to medium	no	origin unknown
" Pink Paludosus "	Neer — The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	pink	spring	good	yes (snow)	possibly a form of <i>C. sieberi</i> which was previously known as <i>C. paludosus</i>

" Pink Parfait "	Redland Bay Qld	red-grey clay	pink	spring	fair to medium	no	a seedling raised by Harry Infield - parentage unknown
polandii x " Endeavour "	Melbourne Vic	black/brown soil	red with yellow anthers	spring	good	yes	origin unknown
" Pygmy Pink "	Melbourne Vic	black/brown soil	pink	spring ?	good	yes	from a batch of seed of C. viminalis from Malawi, central Africa
" Red Clusters '	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer	good	yes (snow)	2 cultivars under this name - one a form of C. citrinus and the other a form of C. viminalis
" Rocky Rambler '	Benalla Vic	shallow topsoil over mudstone	red with yellow anthers	spring	good	yes	a prostrate form of C. pearsonii from Blackdown Tableland in central Qld
" Rose Opal "	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red with dark anthers	spring	good	yes(snow)	a small growing form of C. viminalis from the Maroochy River area of south-east Qld
" Summer Pink '	Margaret River W.A.	clay to sandy loam	pink	spring	fair to good	yes	a seedling which arose in a garden at Margaret River WA
" Taree Pink "	Redland Bay Qld	red-grey clay	deep pink	spring	faor to medium	no	origin unknown
viminalis 'Dawson River '	Richmond Tas	red clay	red	spring/summer	fair to good	yes	a form of C. viminalis from the Dawson River area of central Qld
viminalis " Hannah Ray "	Neer -- The Netherland	in containers in peat based potting mix pH 5.0 - 6.5	red	spring	good	yes	probably a hybrid or form of C. viminalis

	Redland Bay Qld	red-grey clay			fair to medium	no	
viminalis " Little John "	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	most of year	good	yes(snow)	a dwarf form of <i>C. viminalis</i> from seed raised at Alstonville N.S.W.
	Redland Bay Qld San Diego -- California U.S.A.	red-grey clay sandy loam to sand to sand over clay			fair to medium fair to good	no yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
" Western Glory "	Melbourne Vic Benalla Vic	black/brown soil shallow topsoil over mudstone	rdddish-pink	spring	good good	yes yes	possibly a form of <i>C. citrinus</i> which originated in Kings Park W.A.
" Wilderness White "	Redland Bay Qld	red -grey clay	white	spring/summer	fair to medium	no	a selection from a population of <i>C. viminalis</i> in north Qld Flowers are clear white . New growth is pale green
" Wild River "	Redland Bay Qld	red-grey clay	red	spring/summer	fair to medium	no	a form of <i>C. viminalis</i> from the Herberton are of north Qld

SECTION THREE

MELALEUCA SPECIES AND

CULTIVARS

MELALEUCA SPECIES AND CULTIVARS

Species	Location	soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
alternifolia	Strathmerton Vic	clay	white	spring/summer	fair	yes	in granite soils along streams in south-east Qld and north -east N.S.W.
argentea	Margaret River W.A.	clay to sandy loam	greenish - cream	winter/spring	fair to good	yes(light)	in sandy or gravelly stream banks or beds (roots often partly submerged) in north Q. north N.T. and northern W.A.
armillaris	Richmond Tas	red clay	white to cream (occasionally mauve)	spring/summer	fair to good	yes	in granite and sandstone areas in the east of NSW , in south Vic and south S.A.
	Bonalla Vic	shallow topsoil over mudstone			good	yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%) loam(35%), sand(20%) at a minimum temp of 10oC Fertiliser 9-10-18			good	yes(snow)	
	Strathmerton Vic Neer -- The Netherlands	clay in containers in peat based potting mix pH 5.0 - 6.5			fair good	yes yes(snow)	

blaerifolia	Benalla Vic	shallow topsoil over mudstone	lime-green	spring/summer	good	yes	in woodland in the Stirling Ranges of south-west W.A.
	Strathmerton Vic	clay			fair	yes	
bracteata	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white	winter/spring	good	yes(snow)	along streams in various soils in most of the northern half of Aust.
	Strathmerton Vic Brisbane Qld	clay red sandy loam			fair good	yes no	
brevifolia	Strathmerton Vic	1. Clay	white or cream	spring	fair	yes	often found in sandy or saline soils on coastal flats and dunes , salt lakes or swamps in south-west W.A, and southern S.A. and Vic.
	Benalla Vic	2.loamy clay shallow topsoil over mudstone					
calycina	Strathmerton Vic	sand over clay	creamy-white	spring	fair to good	yes	in sandy soils in moist areas on the south coast of south-west W.A.
campanae	Benalla Vic	shallow topsoil over mudstone			good	yes	hillsides in the Kalbarri region of south west W A
capitata	Montrose Vic	clay ot sandy loam	cream	spring/summer	fair to good	yes	in sandstone derived soils in south-east N.S.W and north-east Victoria
citrina	Richmond Tas Strathmerton Vic	killed by frost sand over clay	yellow	spring	fair to good	yes	in granite or quartzite soils in south-west W.A.
coccinea	San Diego -- California U.S.A.	sandy loam to sand to sand over clay	red	spring	fair to good	yes	in sandy granite soils in south-west W.A.
	Strathmerton Vic	sandy loam			fair to good	yes	

conothamnoides	Corowa N.S.W.	clay soil	mauve-purple with yellow anthers	spring	fair to good	yes	in gravelly sand in northern parts of south- west W.A.
cordata	Richmond Tas	red clay			fair to good	yes	
	Strathmerton Vic	sandy loam			fair to good	yes	
	Strathmerton Vic	sandy loam			fair to good	yes	in sandy granite soils in south-west W.A.
cuticularis	National Botanic Gardens - Belgium	in containers of coconut fibre(45%), loam (35%), sand (20%) at min. temp of 10oC Fertiliser 9 - 10 - 18	white or cream	spring	good	yes(snow)	in saline swamps and depressions in south- west W.A.
decora (prev. M. genistifolia)	National Botanic Gradens - Belgium	in containers of coconut fibre(45%), loam(35%), sand(20%) at a min.temp.of 10oC	white	spring/summer	good	yes (snow)	in heavy clay soils in swampy areas in north- east and coastal N.S.W.
decussata	Benalla Vic	shallow topsoil over mudstone	mauve	spring/summer	good	yes	in shrub and heathland often in swampy areas
	Strathmerton Vic Neer -- The Netherlands	clay in containers in peat based potting mix pH 5.0 - 6.5			fair good	yes yes(snow)	over limestone in south - east S.A. and south- west Victoria
densa	Margaret River W.A.	clay to sandy loam	white,cream or greenish - yellow	spring/summer	fair to good	yes(light)	in sandy and clay soils in south-west W.A.
	Strathmerton Vic	clay loam			fair to good	yes(light)	
depauperata	Richmond Tas.	red clay	mauve	spring	fair to good	yes	in clay or sandy soils in south-west W.A.

	Montrose Vic	clay loam , clay and sand			fair to good	yes	
diosmafolia	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	mauve	spring/summer	good	yes(snow)	in open forests in inland areas of south-east Qld and north-east N.S.W.
	Corowa N.S.W.	clay soil			good	yes(snow)	
	Richmond Tas.	red clay			fair to good	yes	
	Margaret River W.A.	clay to sandy loam			fair to good	yes(light)	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	National Botanic Gardens - Belgium	in containers of coconut fibre(45%), loam(35%), sand(20%) at a min.temp. of 10oC Fertiliser 9 -10 -18			good	yes(snow)	
	Strathmerton Vic	clay			fair	yes	
elliptica	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	mainly spring/summer but also at other times	good	yes(snow)	in sandy granite soils in southern W.A.
	Richmond Tas.	red clay			fair to good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	Dubbo N.S.W.	red - brown clay			good	yes	
	Strathmerton Vic	sand			good	yes	
	Corowa N.S.W.	clay			good	yes	
ericifolia	Neer -- The Netherlands	in containers in peat based potting mix	white	spring/summer	good	yes(snow)	often near creeks and in swampy areas in

	Richmond Tas. National Botanic Gardens - Belgium	pH 5.0 - 6.5 red clay in containers of coconut fibre(45%), loam(35%), sand(20%) at a min.temp. of 10oC Fertiliser 9 - 10 - 18 clay			fair to good	yes	eastern N.S.W, southern Vic and in Tasmania
	Strathmerton Vic				fair to good	yes	
fulgens subsp corrugata	Richmond Tas.	red clay	cream to pink	spring	fair to good	yes	on rocky hills in the N.T - S.A. - W.A. border region
fulgens subsp fulgens	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5 clay soil	red , pink or apricot	spring	good	yes(snow)	in loam , sand or gravel in granite areas in south-west W.A.
	Corowa N.S.W. Richmond Tas Montrose Vic	clay soil red clay clay loam, clay and sand			good fair to good fair to good	yes yes yes	
	San Diego -- California U.S.A. Benalla Vic	sandy loam to sand to sand over clay shallow topsoil over mudstone			fair to good good	yes yes	
	*all 3 colours being grown in this garden Strathmerton Vic Margaret River W.A.	clay loam clay to sandy loam			fair to good fair to good	yes yes(light)	
fulgens subsp steadmanii	Neer --- The Netherlands	in containers in peat based potting mix pH 5.0 6.5	red	spring	good	yes (snow)	in granite areas on the northern coast of south - west W.A.
	Montrose Vic	clay loam, clay and sand			fair to good	yes	
	San Diego --	sandy loam to sand			fair to good	yes	

	California U.S.A. Strathmerton Vic	to sand over clay sand over clay			fair to good	yes	
gibbosa	San Diego -- California U.S.A. Strathmerton Vic Richmond Tas.	sandy loam to sand to sand over clay clay red clay	mauve-pink	spring/summer	fair to good fair fair to good	yes yes yes	in swampy areas often in limestone areas in south-east S.A., Vic and Tas.
glabberima	Neer -- The Netherlands Richmond Tas. Strathmerton Vic Benalla Vic	in containers in peat based potting mix pH 5.0 - 6.5 red clay sand over clay shallow topsoil over mudstone	mauve-pink	spring/summer	good fair to good fair to good good	yes(snow) yes yes yes	in sandy and clay soils on the south coast of W.A.
glomerata	San Diego California U.S.A. Dubbo N.S.W. Strathmerton Vic National Botanic Gardens - Belgium	sandy loam to sand to sand over clay red-brown clay loam sand in containers in coconut fibre(45%). loam(35%), sand(20%) fertiliser 9-10-18	pale yellow	spring/summer	fair to good fair to good good good	yes yes yes yes(snow)	along watercourses in southern W.A., south-west N.T., west and north-west S.A.
halmatororum	San Diego California U.S.A. Strathmerton Vic	sandy loam to sand to sand over clay clay	cream	spring	fair to good fair	yes yes	in saline areas in south-east S.A., west Victoria and on Kangaroo Island
hamulosa	Margaret River W.A. Strathmerton Vic	clay to sandy loam clay	white or pink	spring	fair to good fair	yes(light) yes	in heathland, often in saline areas in south-west W.A.
holosericea	Benalla Vic	shallow topsoil over mudstone	mauve	spring	good	yes	in sandplain areas in south-west W.A.

	Strathmerton Vic	sand			good	yes	
huegelii	Richmond Tas. San Diego -- California U.S.A. Strathmerton Vic	red clay sandy loam to sand sand over clay clay	white to cream	spring/summer	fair to good fair to good	yes yes	in sand with limestone in south-west W.A.
hypericifolia	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring/summer	good	yes(snow)	in sandy soils along the east coast of N.S.W.
	San Diego -- California U.S.A. Benalla Vic	sandy loam to sand to sand over clay shallow topsoil over mudstone			fair to good	yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre (45%), loam(35%), sand(20%) at a min.temp. of 10oC			good	yes	
	Strathmerton Vic	clay			good	yes (snow)	
incana	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream	spring	good	yes(snow)	in swampy areas in south-west W A
	Corowa N.S.W. Richmond Tas. Strathmerton Vic	clay soil red clay sand to sandy loam			good fair to good goos	yes yes yes	
incana " Velvet Cushion "	Richmond Tas. Benalla Vic	red clay shallow topsoil over mudstone	cream	spring	fair to good good	yes yes	a low-growing form of M. incana
irbyana	Redland Bay Qld National Botanic Gardens - Belgium	red-grey clay in containers in coconut fibre(45%), loam(35%), sand(20%)	white	spring	fair good	no yes(snow)	clay soils along creeks in south-east Qld

at a min.temp of 10oC							
lanceolata	Strathmerton Vic	clay	white to cream	summer/autumn	fair	yes	in heavy soils in inland south-east Qld, central western N.S.W., western Vic and southern S.A.
lateralis	Benalla Vic	shallow topsoil over mudstone	mauve-purple	spring	good	yes	in heaths in loams or sands with clay subsoil in south-west W.A.
laterita	Richmond Tas.	red clay	orange-red	spring/summer	fair to good	yes	in shrubland in south-west W.A.
	Margaret River W.A.	clay to sandy loam			fair to good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	National Botanic Gardens - Belgium	in containers in coconut(45%), loam (35%), sand (20%)			good	yes (snow)	
	Strathmerton Vic	clay			fair	yes	
	Corowa N.S.W.	clay soil			good	yes	
laxiflora	Strathmerton Vic	sand	mauve-pink	spring/summer	good	yes	in sandy or clay soils in south-west W.A.
leucadendra	San Diego -- California U.S.A.	sandy loam to sand to sand over clay	creamy-white	winter/spring	fair to good	yes	common along water-courses in northern Aust mainly in heavy soils and often with roots partly submerged
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%), sand(20%)			good	yes(snow)	
	Strathmerton Vic	loam			fair to good	yes	
linariifolia	Neer -- The Netherlands	in containers in peat based potting mix	white	summer	good	yes(snow)	along watercourses and near swamps in heavy and

	Florida U.S.A.	pH %0--6.5 loam over clay at depths of 0.6 to 2 metres			fair to good	yes(light)	sandy soils in south-east Qld and eastern N.S.W.
	Richmond Tas	red clay			fair to good	yes	
	Margaret River W.A.	clay to sandy loam			fair to good	yes(light)	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%),sand(20%) at a min.temp of 10oC			good	yes(snow)	
	Strathmerton Vic	clay			fair	yes	
linariifolia " Claret Tops "	Redland Bay Qld	red-grey clay	white	spring	fair to medium	no	a form of M. linariifolia which grows to about 1.5 metres and retains red growth and rounded compact shape throughout
linophylla	Dubbo N S W.	red-brown clay loam	cream	spring	fair to good	yes	in wet areas on sandy or rocky areas on the north- west coast of W.A.
longistaminea	Benalla Vic	shallow topsoil over mudstone	white or cream	winter/spring	good	yes	in heath in limestone soils on the north coast of south-west W.A.
macronychia	San Diego -- California U.S.A.	sandy loam to sand to sand over clay	red	summer but also at other times	fair to good	yes	in sandy granite soils in south-west W.A.
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	Strathmerton Vic	sand over clay			fair to good	yes	

manglesii	Strathmerton Vic	loam	N.K.	N.K.	good	yes	inland south coast area of south-west W.A.
megacephala	Corowa N.S.W. Benalla Vic	clay soil shallow topsoil over mudstone	yellow	spring	good good	yes yes	in sandy or gravelly soils on the north coast of south-west W.A.
	Strathmerton Vic	sand over clay			fair to good	yes	
micromera	Benalla Vic	shallow topsoil over mudstone	yellow	spring	good	no	in forest areas in south-west W.A.
microphylla	Strathmerton Vic	sand over clay	white or cream	spring	fair to good	yes	near creeks and swamps in sandy soils in south-west W.A.
nematophylla	Richmond Tas. Montrose Vic	red clay clay loam, clay and sand	mauve	spring	fair to good fair to good	yes yes	in sandy and gravelly soils in inland south - west W.A.
	Benalla Vic	shallow topsoil over mudstone			good	yes	
	Strathmerton Vic	sandy loam			good	yes	
nesophila	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	mauve	spring	good	yes(snow)	in sand on the south coast of south-west W.A.
	Florida U.S.A.	loam over clay at depths of 0.6 to 2 m			poor to fair	yes(light)	
	Richmond Tas.	red clay			fair to good	yes	
nodosa	Strathmerton Vic	clay			fair	yes	
oldfieldii	Richmond Tas. Redland Bay Qld	red clay on a 1 metre high bank of red-grey clay	mauve	spring	fair to good good	yes no	in sandy and gravelly soils on the west coast of W.A.

parvistaminea	Strathmerton Vic	clay	creamy-white	spring	fair to good	yes	in moist areas in eastern Victoria
pauperiflora	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%), sand(20%) Fertiliser 9-10-18	creamy-white	spring	good	yes(snow)	in heavy subsoils on the south coast of south-west W.A.
pentagona	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	mauve-pink	spring	good	yes(snow)	in sandy soils often near saline areas in the northern part of south - west W.A.
	Richmond Tas	red clay			fair to good	yes	
pentagona var. latifolia	Strathmerton Vic	sandy loam	mauve-pink	spring	fair to good	yes	in granite soils on the south coast of south-west W.A.
priessiana	Margaret River W.A.	clay to sandy loam	creamy-white	summer/autumn	fair to good	yes(light)	in sandy soils on the west coast of south-west W.A.
	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%), sand(20%) Fertiliser 9-10-18			good	yes(snow)	
pulchella	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	mauve-pink	spring	good	yes (snow)	in poorly drained sandy soils over clay in south-west W.A.
	Corowa N.S.W.	clay soil			good	yes	
	Richmond Tas.	red clay			fair to good	yes	
	Montrose Vic	clay loam clay and sand			fair to good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	Strathmerton Vic	clay			fair	yes	
	Tenterfield N.S.W.	dark brown clay loam			good	yes	

pungens	Strathmerton Vic	sandy loam	yellow	spring	good	yes	in sandy loam in south-west W.A.
pustulata	Heswall U.K.	sandy loam	creamy-yellow	spring	see notes	yes(snow)	in a restricted area in south-east Tas.
quinquenervia	Florida U.S.A.	loam over clay at depths of 0.6 - 2.0 m	creamy-white	summer/autumn/winter	poor to fair	yes(light)	in coastal swamps and along watercourses along most of the east coast of Aust and in New Guinea
	Strathmerton Vic Brisbane Qld	clay red sandy loam			fair good	yes no	
radula	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	purple	spring	good	yes(snow)	in sandy loam or gravel over laterite in south-west W.A.
	Corowa N.S.W. Benalla Vic	clay soil shallow topsoil over mudstone			good good	yes(snow) yes	
	National Botanic Gardens - Belgium	in containers in coconut fibre (45%), loam(35%),sand(20%) Fertiliser 9-10-18			good	yes(snow)	
	Dubbo N.S.W. Strathmerton Vic	red-brown clay loam loam			fair to good good	yes yes	
raphiophylla *	Margaret River W.A.	clay to sandy loam	creamy-white	spring/summer	fair to good	yes(light)	along creeks and swamps in south-west W.A. and southern S.A. in coastal areas
* listed in report as M. raphiolepis but no plant of this name listed in enumeration of taxa							
ringens	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream	spring	good	yes(snow)	in sands over limestone on ridge tops and cliffs in south-west W.A.
ryeae	Montrose Vic	clay loam, clay and	yellow ?	spring ?	fair to good	yes	west coast of south-west

	San Diego -- California U.S.A.	sand sandy loam to sand to sand over clay			fair to good	yes	W.A. in sandy soils
scabra	Richmond Tas. San Diego -- California U.S.A. Strathmerton Vic	red clay sandy loam to sand to sand over clay loam	mauve-purple	spring	fair to good	yes	in gravel and sand in heathland, shrubland and woodland in south-west W.A.
spathulata	Richmond Tas Strathmerton Vic San Diego -- California U.S.A.	red clay sandy loam sandy loam to sand to sand over clay	mauve-purple	spring	fair to good fair to good fair to good	yes yes yes	in gravelly soils in heath and shrubland in south- west W.A.
spicigera	Strathmerton Vic	sand	mauve-purple	spring	good	yes	in sandy or clay soils in mallee and heath in south- west W.A.
sp. "Wongamine"	Benalla Vic	shallow topsoil over mudstone	N.K.	N.K.	good	yes	origin not known
squamia	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white to deep mauve-purple	spring	good	yes(snow)	in damp areas in eastern N.S.W., Tasmania, south- west Vic and south-east S.A.
	Heswall U.K.	sandy loam			see notes	yes(snow)	
squarrosa	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream	spring/summer	good	yes(snow)	in damp places in southern Vic and in Tasmania
	Strathmerton Vic Heswall U.K.	clay sandy loam			fair see notes	yes yes(snow)	
stypeloides	National Botanic	in containers in	cream to	spring/summer	good	yes(snow)	in swampy areas along

	Gardens - Belgium	coconut fibre(45%), white loam(35%), sand(20%) at a min temp of 10oC Fertiliser 9-10-18					the east coast of N.S.W. and south-east Qld
	Willmot N.S.W. Strathmerton Vic	N.K. clay			fair	no yes	
suberosa	Neer -- The Netherlands	in containers in peat basec potting mix pH 5.0 - 6.5	mauve-purple	winter/spring	good	yes(snow)	in sandy soils in heathland , often close to the coast, in south-west W.A.
	Richmond Tas. San Diego -- California U.S.A. Strathmerton Vic	red clay sandy clay to sand to sand over clay sandy loam			fair to good fair to good	yes yes	
subfalcata	Strathmerton Vic	clay	lilac or pink	spring	fair	yes	in sandy and clay soils along the south coast of south-west W.A.
systema (prev. acerosa)	Richmond Tas.	red clay	white or cream	spring	fair to good	yes	in sandy or limestone soils in inland or coastal areas of south-west W A
teretifolia	Montrose Vic	clay loam , clay and sand	white to cream, pink, mauve, yellow	spring/summer	fair to good	yes	in sandy soils in swampy areas in south -west W.A.
	San Diego -- California U.S.A. Benalla Vic	sandy loam to sand to sand over clay shallow topsoil over mudstone			fair to good good	yes yes	
	Strathmerton Vic	clay			fair	yes	
teretifolia "Geogiana Molloy"	Benalla Vic	'shallow topsoil over mudstone	red	spring/summer	good	yes	a red flowering form of M.teretifolia from south- west W.A.
	Strathmerton Vic	clay			fair	yes	

thymifolia	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	mauve , pink or white	spring/summer/ autumn	good	yes(snow)	in coastal heath in eastern N.S.W. and south-east Qld
	Uralla N.S.W.	granite soils			good	yes	
	Richmond Tas.	red clay			fair to good	yes	
	San Diego -- California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
thyoides	Benalla Vic	shallow topsoil over mudstone			good	yes	
	Redland Bay Qld	red-grey clay			fair to good	no	
	Heswall U.K.	sandy loam			see notes	yes(snow)	
tricophylla	Strathmerton Vic	sandy loam	white	spring	fair to good	yes	in sand or clay depressions in saline areas in south- west W.A.
tuberculata	Richmond Tas.	red clay	mauve-purple with yellow anthers	spring	fair to good	yes	in sandy soils along the west coast of south- west W.A.
uncinata	Richmond Tas.	red clay	pink	spring	fair to good	yes	in sandy and/or gravelly soils in inland of south- west W.A.
urceolaris	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	cream	spring	good	yes(snow)	widespread across N.S.W. S.A. and southern W.A. in arid and semi-arid areas
	Richmond Tas. Strathmerton Vic	red clay sand			fair to good good	yes yes	
	Richmond Tas. Benalla Vic	red clay shallow topsoil over mudstone	yellow	spring	fair to good good	yes yes	in a wide range of soils in the south of south-west W.A.

viminea	Margaret River W.A. Dubbo N.S.W. Strathmerton Vic	clay to sandy loam red-brown clay loam sandy loam	cream	winter/spring	fair to good fair to good fair to good	yes(light) yes yes	in sandy or clay soils along creeks or swamps in south-west W.A.
violacea	Richmond Tas. San Diego -- California U.S.A. Strathmerton Vic	red clay sandy loam to sand to sand over clay sandy loam	mauve	spring	fair to good fair to good fair to good	yes yes yes	in sandy, gravelly or clay soils in south-west W.A.
viridiflora	Margaret River W.A, Redland Bay Qld	clay to sandy loam red-grey clay	cream , pink, red, white, green	autunm/winter	fair to good fair to good	yes no	in swampy areas and on hillsides across most of the northern half of Aust.
wilsonii	Montrose Vic Benalla Vic National Botanic Gardens - Belgium Strathmerton Vic	clay loam, clay and sand shallow topsoil over mudstone in containers in coconut fibre(45%), loam(35%), sand(20%) at a min.temp of 10oC Fertiliser 9-10-18 clay	pink to mauve- purple	spring	fair to good fair to good good fair	yes yes yes(snow) yes	in dry sandy soils in south-east S.A. and south-west Vic.

SECTION FOUR

CALOTHAMNUS SPECIES

CALOTHAMNUS

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
aridus	San Diego -- California U.S.A.	sandy clay to sand over loam	pinkish-red	spring	fair to good	yes	central northern part of south-west W.A. in spinifex/eucalypt woodland
asper	Gosford N.S.W	sandy soil over sandstone sand	red	spring (a few in winter)		yes (light)	south-west W.A. in red soil over laterite in shrubland
	South Australia Queanbeyan A.C.T.				yes (light)		
	Greenbank Qld Myrree Vic.	raised bed of sandy soil red clay			good fair	yes yes	
blepharanthus	Greenbank Qld	raised bed of sandy soil			fair	yes	
blepharospermus	South Australia	sand	orange/red	spring		yes (light)	south-west W.A. in sand with heath
chrysanthus	Jervois S.A.	sandy loam	red with yellow anthers	spring	good	yes (light)	south-west W.A. in sandy soils
	Cranbourne South Vic. Greenbank Qld	sandy grey loam raised bed of sandy soil			good fair to good	yes (light) yes	
gilesii	Jervois S.A.	sandy loam	red with yellow anthers	spring/summer	fair to good	yes(light)	inland of south- west W.A. in sandy

	Queanbeyan	A.C.T.	clay soil			fair	yes	heath
		A.C.T.	clay soil with added sand			fair	yes	
		A.C.T.	raised bed over clay			fair to good	yes	
		A.C.T.	clay soil mixed with builders rubble			fair	yes	
	South Aust.		sand			good	no	
	Neer -- The Netherlands		in containers in peat-based potting mix pH 5.0 - 6.5			good	yes(snow)	
	Montrose	Vic	clay loam , clay and sand			fair to good	yes	
	Benalla	Vic.	shallow topsoil over mudstone			good	no	
	Myrree	Vic.	red clay			fair	yes	
	Strathmerton	Vic	sandy loam			fair to good	yes	
graniticus	Busselton	W.A.	beach sand	red	winter/spring	good		south-west W.A. in granite-gneiss outcrops
	Cranbourne	South Vic.	sandy grey loam				yes	
	Dulegal Arboretum	N.S.W.						
	Gosford	N.S.W.	sandy soil over sandstone				yes(light)	
hamalophyllus	Jervois	S.A.	sandy soil	red	summer	good	yes	northern coast of south-west W.A. in sandy solis in low heath
	Cranbourne	South Vic.	grey sand			fair to good	yes	
		A.C.T.	clay			fair	yes	

	South Aust. San Diego -- California U.S.A. Strathmerton Vic	dark sandy loam sandy loam to sand over clay sandy loam			good fair to good fair to good	no yes yes	
kalbarriensis	Strathmerton Vic	sandy loam	orange/red - yellow towards base of stamens	spring	fair to good	yes	in sandy soils over limestone in Kalbarri area in south-west W.A.
lateralis	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0-6.5	dark crimson	winter/spring/ summer	good	yes(snow)	near swamps and damp ground in south-west W.A.
macrocarpus	Strathmerton Vic	sandy loam	rosy red	spring/early summer	fair to good	yes	south coast of W.A. on rocky quartzite slopes
pachystachyus	Jervois S.A. South Aust.	light loam sandy loam	brownish-green	spring	good	yes (light) no	south-west W.A. in sandplain heath
pinifolius	Jervois S.A. Benalla Vic Queanbeyan A.C.T. San Diego - California U.S.A.	sandy loam shallow topsoil over mudstone shaley soil sandy loam to sand over clay	crimson	spring	good fair to good	yes(light) no yes yes	in quartzite soils in coastal heath
preissii	South Aust	sandy soil	purplish-red	winter.spring	good	no	in gravelly sand or gravelly clay in heath in south-west W.A.

quadrifidus	Gosford N.S.W.	sandy soil	red	spring		yes(light)	widely distributed in coastal sandplain, mallee heaths and jarrah forests in sandy or lateritic soils in south-west W.A.
	Queanbeyan A.C.T.	clay soil				yes	
	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0-6.5			good	yes(snow)	
	Richmond Tas.	red clay			fair to good	yes	
	Jervois S.A.	sandy loam			fair to good ?	yes(light)	
	Montrose Vic	clay loam, clay and sand			fair to good	yes	
	Cranbourne South Vic	grey sandy soil				yes(light)	
A.C.T.	1.raised bed over clay soil				yes		
A.C.T.	2. clay soil acid soil			fair	yes yes(severe at times) yes(light)		
* prostrate form	Cranbourne South Vic *	grey sandy soil	red	spring		yes	
	A.C.T.	clay soil with added compost				yes	
	A.C.T.	clay with mulch of river sand			fair	yes	
	A.C.T.	raised clay bank			fair	yes	
	South Aust.	sandy loam			fair to good	no	
	Benalla Vic	shallow topsoil over mudstone			good	no	
	Strathmerton Vic	deep sand			good	yes	
A.C.T.	stoney clay soil			fair to good	yes		
A.C.T.	decomposed volcanic rock mixed with sand			fair to good	yes		

* native to area	Brisbane Qld	and loam			good	no	
	Geraldton W.A. *	sandy loam			good	no	
	Greenbank Qld	deep yellow sand over limestone			fair	yes	
robustus	Cranbourne South Vic	grey sandy soil	red	spring	fair to good	yes(light)	Cape Riche area of the south coast of W.A. in rocky quartzite or granite soils
	Benalla Vic	sandy loam shallow topsoil over mudstone			good	no	
rupestris	N.S.W.	heavy soil over clay	red	spring			in shallow granite soils along watercourses in south-west W.A.
	Armidale N.S.W.	plants are severely affected by frost each year					
	Newborough Vic	dark grey clay over white clay			fair	yes	
	Jervois S.A.	on steep hillside			fair to good	yes(light)	
	Benalla Vic	shallow topsoil over mudstone			good	no	
	Strathmerton Vic	sandy loam			fair to good	yes	
sanguineus *	Cranbourne South Vic	grey sandy soil	red	winter/spring			
* predominantly red with occasional yellow forms -- flowers seen mainly in winter/spring with occasional summer flowers	San Diego-- California U.S.A.	sandy loam to sand over clay			fair to good	yes	on sandplains north of Perth in shallow sand over laterite or granite
	Vic	loam					
	A.C.T.	raised clay bank			fair	yes	
	Queanbeyan A.C.T.	plant killed by frost over two winters					
	A.C.T.	clay with added sand and loam			fair	yes	
	Armidale N.S.W.	plant is unthrifty -- needs a better position					
	South Aust	sandy loam			good	no	

torulosus	South Aust	sand	dark red	spring		no	in deep sandy soils in coastal heath on the north coast of south-west W.A.
tuberosus	Jervois S.A. Greenbank Qld Dulegal Arboretum N.S.W.	sandy loam raised bed on rocky hillside	red	spring/summer	fair fair to good fair to good	no yes yes	at the base of granite outcrops in shrubland in south-west W.A.
validus	Jervois S.A. South Aust Queanbeyan A.C.T. Richmond Tas. Benalla Vic Gosford N.S.W. Myrree Vic Strathmerton Vic	sandy loam sandy loam clay soil red clay shallow topsoil over mudstone sandy soil - plant is unthrifty in this soil red clay clay loam	red	winter/spring	fair good fair fair to good good fair fair	yes(light) no no yes(light) no yes(light) yes(light)	on rocky quartzite hills on the south coast of south- west W.A.
villosus	A.C.T. Armidale N.S.W. A.C.T. A.C.T. South Aust Strathmerton Vic San Diego -- California U.S.A.	shaley soil plant grew for a short time but eventually died clay soil -- plant grew for a while but eventually killed by frost plant grew for a while but eventually killed by frost of -9oC sand deep sand sandy clay to sand over clay	red	summer	fair good good fair to good	yes no yes yes	in sandy heath in south-west W.A.

SECTION FIVE

LEPTOSPERMUM SPECIES AND

CULTIVARS

LEPTOSPERMUM SPECIES AND CULTIVARS

Species	Location	Soil Type and Colour	Flower Colour	Flowering Time	Drainage Conditions	Frost yes/no	Natural Occurrence
arachnoides	Heswall U.K.	sandy loam	white	spring/summer	see notes	yes (snow)	in sandstone or granite soils in eastern N.S.W.
" Aussie Blossom " " Joy "	Redland Bay Qld	red-grey clay	pink	winter/spring	fair to medium	no	L. polygalifolium X L. scoparium " nana "
" Aussie Blossom " " Martin "	Redland Bay Qld Brisbane Qld	red-grey clay red sandy loam	white to pale pink	winter/spring	fair to medium good	no no	L. polygalifolium X L. scoparium " nana "
blakelyi	Heswall U.K.	sandy loam	white or pink	spring	see notes	yes(snow)	shallow sandstone soils on the south-east coast of N.S.W.
brachyandrum	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white	spring/summer	good	yes(snow)	east coast of Aust from northern N.S.W. to North Qld mainly along creek banks
	Strathmerton Vic	clay loam			fair to good	yes	
brevipes	Montrose Vic Strathmerton Vic	clay loam and sand deep sand	white	spring/summer spring/summer	fair to good good	yes yes	on rocky hills and outcrops along the east coast of N.S.W.
continentale	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white	spring/summer	good	yes(snow)	in forest or sandy or swampy areas of south east N.S.W., south of Vic and south-east S.A.

grandiflorum	Strathmerton Vic Heswall U.K.	deep sand sandy loam	white	autumn	good see notes	yes	in granite soils on Freycinet Peninsula in south-east Tas
grandifolium	Heswall U.K.	sandy loam	white	spring/summer	see notes	yes (snow)	along creeks and in swamps in south- east NSW and north-e:
juniperinum	Samsonvale Qld	grey clayey loam with some gravel	white	spring/summer	good	no	south-east coast of Qld and east coast of N.S.W.in sandy or sandstone soils
laevigatum	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white	spring	good	yes(snow)	in beach sands and on coastal dunes
	Strathmerton Vic National Botanic Gardens - Belgium	sandy loam in containers in coconut fibre(45%), loam(35%), sand (20%) at a minimum temp. of 10oC. Fertiliser 9-10-18			good good	yes yes(snow)	along coastal areas of south-east Qld, N.S.W. Vic and south - east S.A.
lanigerum	National Botanic Gardens - Belgium	(see for Lept. laevigatum)	white	spring/summer	good	yes(snow)	along south coastal areas of Vic and
	Heswall U.K.	sandy loam			see notes	yes(snow)	south-east S.A. and
	Strathmerton Vic	deep sand			good	yes	most of Tas.
	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5			good	yes(snow)	
	Richmond Tas	red clay			fair to good	yes	

<i>liversidgei</i>	Samsonvale Qld Strathmerton Vic	grey clayey loam clay loam	white	summer	good fair to good	no yes	in low-lying sandy and peaty heath in south - east Qld and north - east N.S.W.
<i>macrocarpum</i>	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	pink w/- red or greenish-red forms seen	spring/summer	good	yes(snow)	on rocky or exposed sites in the Blue Mountains N.S.W.
	Richmond Tas. Montrose Vic	red clay clay loam, clay and sand			fair to good fair to good	yes yes	
<i>macrocarpum X spectabile</i>	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	dark pink	spring	good	yes(snow)	origin not known
<i>madidum</i> (prev. <i>L. longifolium</i>)	Samsonvale Qld	grey clayey loam	white	winter/spring	good	no	in deep sandy soils along streams in northern Cape York - Qld
"Merinda"	Redland Bay Qld Corowa N.S.W.	red-grey clay clay	red	winter/spring	fair to medium good	no yes	a form of <i>L. spectabile</i>
<i>microcarpum</i>	Samsonvale Qld	grey clayey loam	white	winter/spring	good	no	in shallow soils in south-east Qld and north-east N.S.W.
<i>myrtifolium</i>	Heswall U.K.	sandy loam	white	summer	see notes	yes(snow)	in high altitude sandy soils in south-east N.S.W. and north- east Victoria
<i>nitidum</i>	Richmond Tas. Strathmerton Vic	red clay sandy loam	white	summer	fair to good fair to good	yes yes	in cold heath areas in granite soils in Tas.

obovatum	Strathmerton Vic	clay	white	spring/summer	fair	yes	among rocks along streams in south-east N.S.W. and north-east Vic.
L. " Pacific Beauty"	Benalla Vic	shallow topsoil over mudstone	white	spring/summer	good	no	a form of L. polygalifolium from Hinchinbrook Island -- north Qld
petersonii	Margaret River W.A. Samsonvale Qld Florida U.S.A.	clay to sandy loam grey clayey loam loam over clay at depths of 0.3 - 2.0 metres	white	summer	fair to good good poor to fair	yes(light) no yes(light)	in sandy soils often near streams in south-east qld and north-east N.S.W.
L. " Pink Cascade "	Richmond Tas	red clay	pink	spring/summer	fair to good	yes	a hybrid between L. " Pacific Beauty" and L. continentale
polygalifolium * occasional pink forms have been seen	Samsonvale Qld	grey clayey loam	white *	spring/summer	good	no	a number of sub-species are found in a wide range of habitats along the east coast of Australia
riparium	Heswall U.K.	sandy loam	white	summer	see notes	yes (snow)	along river banks in south-east Tas.
rotundifolium	Neer -- The Netherlands Richmond Tas	in containers in peat based potting mix pH 5.0 - 6.5 red clay	pink to mauve sometimes white	spring	good fair to good	yes(snow) yes	in shallow soils in sandstone in north-east Vic

	Strathmerton Vic Heswall U.K.	deep sand sandy loam			good see notes	yes yes (snow)	
rotundifolium " Jervis Bay form"	Margaret River W.A. Montrose Vic	clay to sandy loam clay loam, clay and sand	mauve	spring	good fair to good	yes yes	from the Jervis bay area of N.S.W.
	Benalla Vic	shallow topsoil over mudstone			good	no	
rotundifolium " Julie Ann "	Benalla Vic Heswall U.K.	shallow topsoil over mudstone sandy loam	pink	spring	good see notes	no yes (snow)	a selection from the Jervis Bay area N.S.W.
rotundifolium " Lavender Queen"	Montrose Vic	clay loam, clay and sand	lavender	spring	fair to good	yes	a selection of the species - origin unknown
rotundifolium " Mount Imlay "	Heswall U.K.	sandy loam	N.K.	N.K.	see notes	yes(snow)	N.K.
rupestre	Neer -- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white	summer	good	yes(snow)	in exposed rocky sites in central Tasmania
	Richmond Tas Heswall U.K.	red clay sandy loam			fair to good see notes	yes yes (snow)	
scoparium	Neer - The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	white (pink or red forms may be seen)	spring/summer	good	yes(snow)	in rocky or sandy heath along streams . Also occurs in N.Z.
	Richmond Tas Strathmerton Vic Heswall U.K.	red clay deep sand sandy loam			fair to good good see notes	yes yes yes(snow)	

semibaccatum	Samsonvale Qld	grey clayey loam	white	spring	good	no	in poorly drained sandy heath in south-east Qld and north-east N.S.W.
sericeum	Montrose Vic	clay loam, clay and sand	pink	spring	fair to good	yes	in shallow granite soils on the south coast of W.A.
	Strathmerton Vic	sandy loam			fair to good	yes	
speciosum	Samsonvale Qld	grey clayey loam	white	spring	good	no	in sandy soils in coastal swamps or along rivers in south-east Qld and north-east N.S.W.
	Strathmerton Vic	sandy loam			fair to good	yes	
species " Rudolph "	Corowa N.S.W.	clay	N/K	N/K	good	yes	N/K
spinescens	Strathmerton Vic	sandy loam	greenish-cream	spring	fair to good	yes	in sandy and laterite soils in south-west W.A.
trinervium	Samsonvale Qld	grey clayey loam	white	spring/summer	good	no	in heath, scrub or dry sclerophyll in shallow soil or deep sand in sandstone areas in south-east Qld and coastal N.S.W.
turbinatum	Strathmerton Vic	deep sand	white	spring	good	yes	in sandy soils on rocky escarpments in the Grampians

Leptospermum sp.
" Copper Sheen "

Benalla Vic

shallow topsoil over
mudstone

creamish -
green

spring

good

no

in S.A.

origin unknown

SECTION SIX

PHYMATOCARPUS SPECIES

PHYMATOCARPUS

Species	Location	soil type and colour	Flower colour	Flowering time	Drainage conditions	frost yes/no	Natural occurrence
maxwellii	Adelaide S.A.	red-brown clay over limestone	pinkish-mauve	late spring	good	no	in sandplain and heath in the south-west of W.A.
	Montrose Vic	clay loam, clay and sand			fair to good	yes	
	Myrree Vic	red clay			fair	yes	
porphyrocephalus	Montrose Vic	clay loam, clay and sand	pinkish-mauve and occasionally cream	late spring	fair to good	yes	on sandy soils on the sandplains of northern part of south-west W.A.
	Myrree Vic.	red clay			fair	yes	

SECTION SEVEN

KUNZEA SPECIES AND

CULTIVARS

KUNZEA SPECIES AND CULTIVARS

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
affinis	Montrose Vic	clay loam, clay and sand	deep pink	spring	fair to good	yes	in sandy or gravelly soils in heath in south-west W.A.
	Myrrohee	red clay			fair to good	yes	
affinis x preissiana	Montrose	clay loam, clay and sand	pink	spring	fair to good	yes	in sandy soils in south-west W.A.
ambigua	Adelaide S.A.	red-brown clay	white	spring/summer	fair to good	no	in heath, woodland or open forest in coastal and adjacent inland in southern N.S.W and southern Vic and eastern Tas.
	Neer --- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5			good	yes(snow)	
	San Diego California U.S.A.	sandy loam to sand over clay			fair to good	yes	
	Benalla Vic * * white and pink forms being grown Heswall U.K.	shallow topsoil over mudstone sandy loam	white and pink		good	no yes (snow)	
ambigua (prostrate)	Benalla Vic	shallow topsoil over mudstone	white	spring/summer	good	no	N.K.
	Myrrohee Vic	red clay			fair to good	yes	
baxteri	Neer --- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5	red	spring	good	yes(snow)	in granite soils in the south of south-west W.A.
	Richmond Tas.	red clay			fair to good	yes(snow)	

** grafted to <i>K.ambigua</i> root stock	San Diego California U.S.A.	sandy loam to sand over clay	red	spring	fair to good	yes	
	Myrrhee Vic Emerald Beach N.S.W. **	red clay sandy soil			fair to good good	yes no	
<i>baxteri x pulchella</i>	Montrose Vic	clay loam , clay and sand	red	spring	fair to good	yes	N.K.
<i>ericifolia</i>	Richmond Tas.	red clay	cream	spring	fair to good	yes	in damp areas in woodland in south-west W.A.
<i>ericoides</i>	Myrrhee Vic.	red clay	white	spring/summer	fair to good	yes	in forest along the Great Dividing Range in south- east Qld, N.S.W. and Victoria
<i>jucunda</i>	Myrrhee Vic	red clay	mauve	spring	fair to good	yes	in sandy soils with <i>Melaleuca</i> spp in south-west W.A.
<i>micrantha</i>	Benalla vic	shallow topsoil over mudstone	mauve-pink	spring	good	no	in wet sandy soils in south-west W.A.
<i>micromera</i>	Benalla Vic	shallow topsoil over mudstone	mauve	spring	good	no	in sandy soils in south- west W.A.
<i>muellerii</i>	Myrrhee Vic Heswall U.K.	red clay sandy loam	yellow	spring/summer	fair to good see notes	yes yes (snow)	in alpine, sub-alpine and montane heath in the Australian Alps in south N.S.W. and northern Victoria

opposita	Myrrohee Vic	red clay	mauve-pink	spring	fair to good	yes	in sandy soils on the ranges of south-east Qld and north-east N.S.W
parvifolia	Benalla Vic	shallow topsoil over mudstone	mauve-pink	spring/summer	good	no	in shallow soils in heath and woodland in south-east N.S.W. and in north-east and south-west Victoria
	Myrrohee Vic	red clay			fair to good	yes	
	Richmond Tas	red clay			fair to good	yes	
	Neer --- The Netherlands	in containers in peat based potting mix pH 5.0 - 6.5			good	yes(snow)	
pedunculata	National Botanic Gardens - Belgium	in containers in coconut fibre(45%), loam(35%), sand (20%) at a minimum temp of 10oC. Fertiliser 9-10-18	no details available - may be a local name ??				
pomifera	Benalla Vic	shallow topsoil over mudstone	white	spring/summer	good	no	in sand dunes and among rocks close to the coast in south-east S.A. and south-west Victoria
	Myrrohee Vic	red clay			fair to good	yes	
	National Botanic Gardens - Belgium	see soil type for K pedunculata			good	yes(snow)	
	Emerald Beach N.S.W.	sandy soil			good	no	
	Richmond Tas.	red clay			fair to good	yes	
	San Diego California U.S.A.	sandy loam to sand over clay			fair to good	yes	
priessiana	Richmond Tas.	red clay	mauve	spring	fair to good	yes	in sand in the south-

	Benalla Vic	shallow topsoil over mudstone			good	no	west of W.A.
	Myrrohee Vic	red clay			fair to good	yes	
pulchella	Benalla Vic	shallow topsoil over mudstone	red	spring	good	no	on granite soils in inland of south-west W.A.
*** grafted to K.ambigua root stock	Myrrohee Vic	red clay			fair to good	yes	
	Emerald Beach N.S.W. ***	sandy soil			good	no	
	San Diego California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
recurva	Richmond Tas.	red clay	white to pink	spring	fair to good	yes	in sandy heath in south-west W.A.
	Montrose Vic.	clay loam, clay and sand			fair to good	yes	
	Benalla Vic	shallow topsoil over mudstone			good	no	
sp. " Badja Carpet"	Benalla Vic.	shallow topsoil over mudstone	white	summer	good	no	a naturally occurring form from Mt Badja in south-east N.S.W.in rocky and gravelly soils
	Heswall U.K.	sandy loam			see notes	yes(snow)	

SECTION EIGHT

BEAUFORTIA SPECIES

BEAUFORTIA

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
decussata	Montrose Vic	clay loam, clay and sand raised sand bed	deep red	summer	fair to good	yes	in rocky or sandy soils in south-west W.A.
	Adelaide S.A.				good	no	
elegans	Adelaide S.A.	raised sand bed	white to deep mauve	spring/summer	good	no	in sandy soils in south-west W.A.
incana	Montrose Vic	clay loam, clay and sand	yellow-green at base of stamens & red at tips	spring/summer	fair to good	yes	in gravelly heaths in south-west W.A.
	Myrrohee Vic	red clay			fair	yes	
interstans	Adelaide S.A.	raised sand bed	purple	spring/summer	good	no	in sandy soils in south-west W.A.
micrantha	Adelaide S.A.	raised sand bed	mauve-pink	spring/summer	good	no	in sandy soils in heaths in south-west W.A.
purpurea	Montrose Vic	clay loam, clay and sand shallow topsoil over mudstone raised sand bed	mauve-purple	spring/summer	fair to good	yes	in stony soils in south-west W.A.
	Benalla Vic				good	no	
	Adelaide S.A.				good	no	
schauerii	Montrose Vic	clay loam, clay and sand raised sand bed	mauve-pink	spring	good	yes	in sand or gravel in heaths or on hills on the south coast of south-west W.A.
	Adelaide S.A.				good	no	
	Myrrohee Vic				fair	yes	

	Benalla Vic	shallow topsoil over mudstone			good	no	
sparsa	Margaret River W.A.	clay to sandy loam	vermilion	summer/autumn	good	yes (light)	on the edges of swamps in south- west W.A.
	San Diego, California U.S.A.	sandy loam to sand			good	yes(light)	
	Montrose Vic	clay loam, clay and sand			good	yes	
	Adelaide S.A.	clay soils over limestone			fair to good	no	
squarrosa	Adelaide S.A.	raised sand bed	red	spring/summer	good	no	in sandy clay flats and in heath in south-west W.A.
	Montrose Vic	clay loam, clay and sand			good	yes	
	Neer, The Netherlands	in containers in peat-based potting mix pH 5.0 - 6.5			good	yes (snow)	
	Tenterfield N.S.W.	brown clay loam			good	yes(severe)	
	Adelaide S.A.	raised sand bed			good	no	
sp. aff. squarrosa	Montrose Vic	clay loam. clay and sand	red ?		good	yes	south-west W.A. ?
sp " Razzle Dazzle "	Myrrohee Vic	red clay	N/K	N/K	fair	yes	N.K.

Beaufortia species - orbifolia, heterophylla and eriocephala have been tried on a raised sand bed in Adelaide S.A. without success

SECTION NINE

REGELIA SPECIES

REGELIA

Species	Location	Soil Type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence
ciliata	Richmond Tas. Corowa N.S.W.	red clay clay	mauve	spring/summer	fair to good good	yes yes	in sandy soils in south-west W.A.
cymbifolia	Richmond Tas.	red clay	pink to purple	spring	fair to good	yes	in a restricted area in grey or yellow sand in south-west W.A.
inops	Adelaide S.A.	red-brown clay over limestone	mauve	spring	fair to good	no	in sandy soils in south
	Richmond Tas.	red clay			fair to good	yes	west W.A.
megacephala	Richmond Tas. Corowa N.S.W.	red clay clay	mauve	summer	good fair	yes yes	on rocky quartzite hills in the north of south-
	San Diego California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	west W.A.
	Tenterfield N.S.W.	brown clay loam			good	yes(severe)	
purpurea (possibly a hybrid or form)	Myrree Vic.	red clay	mauve		fair	yes	N.K.
velutina	Richmond Tas.	red clay	red with yellow anthers	spring	fair to good	yes	on quartzite or rocky hills on the south coast
	Montrose Vic.	clay loam, clay and sand			fair to good	yes	of south-west W.A.
	San Diego California U.S.A.	sandy loam to sand to sand over clay			fair to good	yes	
	Myrree Vic.	red clay			fair	yes	

SECTION ELEVEN

HYPOCALYMMA SPECIES

HYPOCALYMMMA

Species	Location	Soil type and colour	Flower colour	Flowering time	Drainage conditions	Frost yes/no	Natural occurrence **
angustifolium	Richmond Tas	raised bed	white or pink	spring	good	yes	south-west W.A.
cordifolium**	Myrree Vic	red clay	white	spring	fsir	yes	south-west W.A.
linifolium	Brisbane Qld	red sandy loam	yellow	winter/spring	good	no	south-west W.A.
robustum	Myrree Vic.	red clay	pink	winter/spring	fair	yes	south-west W.A.
speciosum	Myrree Vic.	did not grow successfully					
strictum	Myrree Vic	in sand bed over red clay	pink	summer	good	yes	south-west W.A.
xanthopetalum	Myrree Vic.	red clay	yellow	most of year	fair	yes	south-west W.A.
	Brisbane Qld *	red sandy loam	yellow	most of year	good	no	

* grew for 5 years before succumbing to too much shade

** *H. cordifolium* occurs in fairly wet areas. Other species occur in a wide variety of habitats but mainly in sandy or gravelly well-drained soils