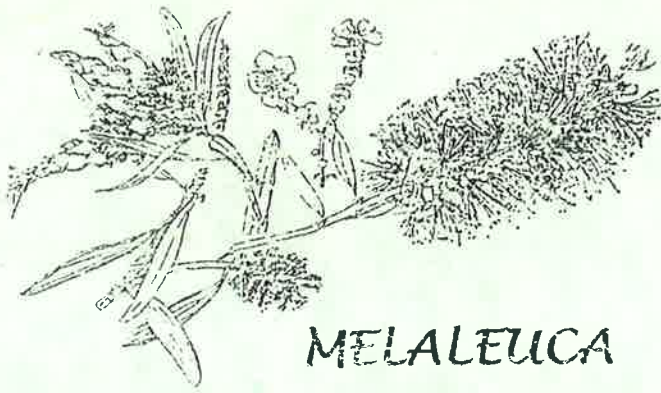
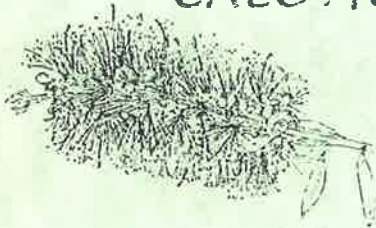


CALLISTEMON



MELALEUCA

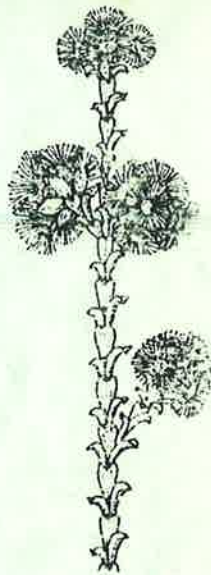
CALOTHAMNUS



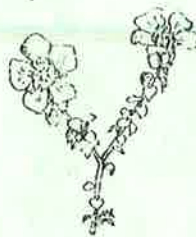
LEPTOSPERMUM

PHYMATOCARPUS

KUNZEA

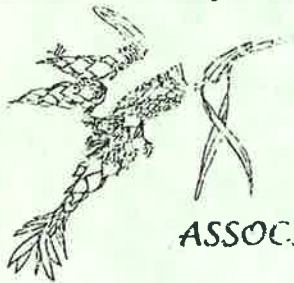


BEAUFORTIA



REGELIA

EREMEA



HYPOCALYMMMA

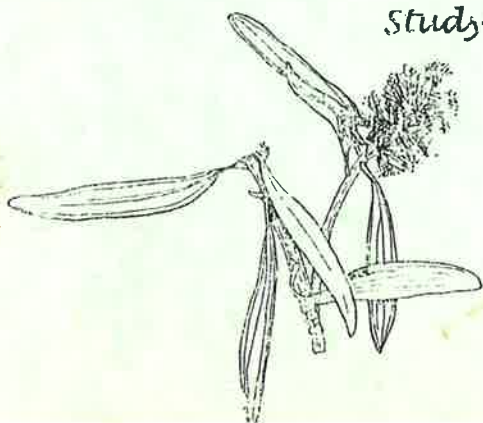
ASSOCIATION OF SOCIETIES FOR GROWING AUSTRALIAN PLANTS

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 – 4<sup>th</sup> edition – J.W. Wrigley and M. Fagg

## GEOGRAPHIC LOCATIONS AND CLIMATE DATA

| Location                          | Latitude  | Longitude | Elevation<br>A.S. L.<br>( metres ) | Av. Daily<br>max. temp<br>( oC )      | Av. Daily<br>min. temp.<br>( oC ) | Months of highest<br>rainfall - mm ( 1 ) | Av. Annual<br>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<br>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 --<br>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<br>San Diego --<br>California U.S.A. | clay loam<br>sandy loam to sand to sand over clay                               |                              |                                       | fair to good<br>fair to good | yes<br>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 --<br>The Netherlands                            | in containers in peat based potting mix pH 5.0 - 6.5                            | red but may be white or pink | spring/summer/<br>autumn              | good                         | yes(snow)    | in swampy areas along the east coast of N.S.W.                                       |
|              | Strathmerton Vic<br>San Diego --<br>California U.S.A. | clay<br>sandy clay to sand to sand over clay                                    |                              |                                       | fair<br>fair to good         | yes<br>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 --<br>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<br>good | yes<br>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 --<br>The Netherlands                       | in containers in peat based potting mix pH 5.0 - 6.5<br>Dubbo N.S.W.              | red, green or pink                   | spring/summer/<br>autumn                                 | good                                 | yes ( snow )      | in sandy coastal heaths in south-east Qld and north-east N.S.W.                      |
|              | Thornlands Qld<br>Strathmerton Vic               | red clay loam<br>sand-covered clay mound  |                                      |  | fair to good<br>good<br>good         | yes<br>no<br>yes  |  |
|              | National Botanic Gardens - Belgium               | in containers in coconut fibre(45%), loam(35%),sand(20%)<br>at a min.temp of 10oC |                                      |  | good                                 | yes ( snow )      |  |
|              | Redland Bay Qld                                  | red-grey clay   |                                      |  | fair to medium                       | no                |  |
| pallidus     | Neer --<br>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.<br>Strathmerton Vic<br>Benalla Vic | red clay<br>clay loam<br>shallow topsoil over mudstone                            |                                      |  | fair to good<br>fair to good<br>good | yes<br>yes<br>yes |  |
|              | 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 --<br>California U.S.A.                | sandy loam to sand to sand over clay  |                                      |  | fair to good                         | yes               |  |
| pinifolius   | Neer --<br>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<br>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 --<br>The Netherlands         | in containers in peat based potting mix<br>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 --<br>The Netherlands         | in containers in peat based potting mix<br>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 --<br>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 --<br>The Netherlands         | in containers in peat based potting mix<br>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<br>shallow topsoil over<br>mudstone                  |              |  | good                      | yes                 |   |
|              | Richmond Tas   | red clay   |              |  | fair to good              | yes                 |   |
| subulatus    | Strathmerton Vic<br>Heswall U. K.  | clay loam<br>sandy loam                                    | red          | summer   | fair to good<br>see notes | yes<br>yes ( snow ) | along watercourses in<br>south-east N.S.W.  |
| teretifolius | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | red          | spring/summer                                  | good                      | yes(snow)           | in rocky areas of the<br>Flinders Ranges in S.A.  |
| viminalis    | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | red          | spring/summer<br>and often in other<br>seasons | good                      | yes ( snow )        | along watercourses in a wide<br>range of soils along most of<br>the coast and adjacent<br>inland areas of Qld and in<br>north-east N.S.W. |
|              | Florida U.S.A.   | loam over clay at<br>depths of 0.2 to 2 m                  |              |  | fair to good              | yes                 |   |
|              | Strathmerton Vic<br>San Diego --<br>California U.S.A.  | sandy loam<br>sandy loam to sand<br>to sand over clay      |              |  | good<br>fair to good      | yes<br>yes          |   |
| violaceus    | Not generally accepted as a species in its own right. It appears to have some affinity to C.citrinus<br>It is being grown at Neer in The Netherlands and in the National Botanic Gardens in Belgium<br>Flower colour is red-purple |  |              |  |                           |                     |   |
| viridiflorus | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | yellow-green | spring/summer                                  | good                      | yes(snow)           | in damp areas in mountain<br>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/<br>autumn                                 | fair to good         | yes          | New England area of N.S.W.  |
|   | Margaret River W.A,<br>Benalla Vic | clay to sandy loam<br>shallow topsoil over<br>mudstone |               |  | fair to good<br>good | yes<br>yes   |   |
| " Captain Cook "  | Benalla Vic                        | shallow topsoil over<br>mudstone                       | red           | spring and also $\epsilon$<br>other times of the<br>year | good                 | yes          | a dwarf form of <i>C. viminalis</i>                                 |
| citrinus " Anzac"<br>( also sold under<br>a number of other<br>names) | Richmond Tas.<br>Benalla Vic       | red clay<br>shallow topsoil over<br>mudstone           | white         | most of year   | fair to good<br>good | yes<br>yes   | a dwarf growing form of<br><i>C. citrinus</i>                       |
|   | Redland Bay Qld                    | red-grey clay  |               |  | fair to medium       | no           |   |
| citrinus " Endeavour"   | Benalla Vic                        | shallow topsoil over<br>mudstone                       | red           | spring/summer  | good                 | yes          | a tall-growing form of <i>C</i><br><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<br>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<br>Redland Bay Qld | black/brown soil<br>red-grey clay             | pale pink    | spring        | good<br>fair to medium | yes<br>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.<br>Benalla Vic     | clay soil<br>shallow topsoil over<br>mudstone | purplish-red | spring        | fair to good<br>good   | yes<br>yes | a form of <i>C. salignus</i> from a Brisbane nursery  |
| : Firebrand " *   | Benalla Vic                      | shallow topsoil over<br>mudstone              | red          | spring        | good                   | yes        | a form of <i>C. citrinus</i>  |
| * 2 forms of " Firebrand " available - <i>Austraflora</i> " Firebrand " and " Firebrand " ( Fairhill Form ) |                                  |   |              |               |                        |            |   |
| " Glasshouse<br>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<br>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<br>Redland Bay Qld  | black/brown soil<br>red-grey clay  | red                        | spring ?      | good<br>fair to medium                         | yes<br>no              | origin unknown  |
| " Hinchinbrook<br>Island " | Melbourne Vic<br>Corowa N.S.W.  | black/brown soil<br>clay   | red with<br>yellow anthers | spring        | good<br>good                                   | yes<br>yes             | from Hinchinbrook Island<br>off the north coast of Qld  |
| " Injune "                 | Dubbo N.S.W.<br>Margaret River W.A.<br>Myrrhee Vic                      | red-brown clay loam<br>clay to sandy loam<br>red clay  | pink                       | summer        | fair to good<br>fair to good<br>fair to good   | yes<br>yes<br>yes      | in sandstone areas near<br>Injune in central Qld  |
| " Jeffersii "              | National Botanic<br>Gardens - Belgium                                   | in containers in<br>coconut fibre (45%),<br>loam(35%),sand(20%)<br>at a min.temp.of 10oC               | reddish -<br>purple        | spring        | good   | yes ( snow )           | a hybrid from U.S.A. -<br>parentage unknown   |
| " Jenny Wren "             | Melbourne Vic   | black/brown soil   | red with gold<br>anthers   | spring/autumn | good   | yes                    | possibly a hybrid of C.poland<br>and C. recurvus from a<br>garden in Brisbane Qld               |
| " Kings Park<br>Special "  | Margaret River W.A.<br>Benalla Vic<br>Willmot N.S.W.<br>Redland Bay Qld | clay to sandy loam<br>shallow topsoil over<br>mudstone<br>sodium clay ( see<br>notes)<br>red-grey clay | red                        | spring/autumn | fair to good<br>good<br>good<br>fair to medium | yes<br>yes<br>no<br>no | parentage unknown but<br>possibly contains C. viminalis<br>Seedling arose in Kings Park<br>W.A. |
| " Lavender Showers"        | Corowa N.S.W.   | clay   | mauve                      | spring ?      | good   | yes                    | origin uncertain  |
| " McIntosh "               | Thornlands Qld<br>Redland Bay Qld                                       | red clay loam<br>red-grey clay   | red                        | spring        | good<br>fair to medium                         | no<br>no               | possibly a hybrid or form of<br>C. salignus   |
| " Mauve Mist "             | Richmond Tas  | red clay   | pinkish-mauve              | spring/summer | fair to good                                   | yes                    | a form of C.citrinus from<br>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/<br>autumn      | good           | yes          | a form of <i>C. subulatus</i>  |
| " Perth Pink "        | Neer —<br>The Netherlands | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | pink      | spring                        | good           | yes(snow)    | possibly a form of <i>C. viminalis</i><br>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<br>from Pindi Pindi near<br>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<br>Nursery , Yandina Qld,<br>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,<br>spring,summer | fair to medium | no           | origin unknown   |
| " Pink Paludosus "    | Neer —<br>The Netherlands | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | pink      | spring                        | good           | yes ( snow ) | possibly a form of <i>C. sieberi</i><br>which was previously<br>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<br>" Endeavour "  | Melbourne Vic              | black/brown soil                                     | red with<br>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 --<br>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<br>yellow anthers | spring        | good           | yes         | a prostrate form of C. pearsonii from Blackdown Tableland in central Qld                     |
| " Rose Opal "                | Neer --<br>The Netherlands | in containers in peat based potting mix pH 5.0 - 6.5 | red with dark<br>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<br>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<br>Ray "  | Neer --<br>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 --<br>The Netherlands                           | in containers in peat based potting mix<br>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<br>San Diego --<br>California U.S.A. | red-grey clay<br>sandy loam to sand<br>to sand over clay |              |               | fair to medium<br>fair to good | no<br>yes  |  |
|                           | Benalla Vic  | shallow topsoil over mudstone                            |              |               | good                           | yes        |  |
| " Western Glory "         | Melbourne Vic<br>Benalla Vic                         | black/brown soil<br>shallow topsoil over mudstone        | rdddish-pink | spring        | good<br>good                   | yes<br>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<br>Flowers are clear white .<br>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<br>(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<br>Fertiliser 9-10-18 |  |                | good                | yes(snow)        |   |
|              | Strathmerton Vic<br>Neer --<br>The Netherlands | clay<br>in containers in peat based potting mix<br>pH 5.0 - 6.5  |  |                | fair<br>good        | yes<br>yes(snow) |   |



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

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

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

|              |  |  |               |               |  |                                    |  |
|--------------|--|--|---------------|---------------|--|------------------------------------|--|
|              | California U.S.A.<br>Strathmerton Vic  | to sand over clay<br>sand over clay  |               |               | fair to good                                     | yes                                |  |
| gibbosa      | San Diego --<br>California U.S.A.<br>Strathmerton Vic<br>Richmond Tas.                                   | sandy loam to sand<br>to sand over clay<br>clay<br>red clay  | mauve-pink    | spring/summer | fair to good<br>fair<br>fair to good             | yes<br>yes<br>yes                  | in swampy areas often in limestone areas in south-east S.A., Vic and Tas.      |
| glabberima   | Neer --<br>The Netherlands<br><br>Richmond Tas.<br>Strathmerton Vic<br>Benalla Vic                       | in containers in peat based potting mix<br>pH 5.0 - 6.5<br>red clay<br>sand over clay<br>shallow topsoil over mudstone                                       | mauve-pink    | spring/summer | good<br><br>fair to good<br>fair to good<br>good | yes(snow)<br><br>yes<br>yes<br>yes | in sandy and clay soils on the south coast of W.A.                             |
| glomerata    | San Diego<br>California U.S.A.<br>Dubbo N.S.W.<br>Strathmerton Vic<br>National Botanic Gardens - Belgium | sandy loam to sand<br>to sand over clay<br>red-brown clay loam<br>sand<br>in containers in coconut fibre(45%).<br>loam(35%), sand(20%)<br>fertiliser 9-10-18 | pale yellow   | spring/summer | fair to good<br><br>fair to good<br>good<br>good | yes<br><br>yes<br>yes<br>yes(snow) | along watercourses in southern W.A., south-west N.T., west and north-west S.A. |
| halmatororum | San Diego<br>California U.S.A.<br>Strathmerton Vic   | sandy loam to sand<br>to sand over clay<br>clay  | cream         | spring        | fair to good<br><br>fair                         | yes<br><br>yes                     | in saline areas in south-east S.A., west Victoria and on Kangaroo Island       |
| hamulosa     | Margaret River W.A.<br>Strathmerton Vic  | clay to sandy loam<br>clay   | white or pink | spring        | fair to good<br>fair                             | yes(light)<br>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.<br>San Diego --<br>California U.S.A.<br>Strathmerton Vic | red clay<br>sandy loam to sand<br>sand over clay<br>clay                                    | white to cream | spring/summer | fair to good<br>fair to good | yes<br>yes        | in sand with limestone in<br>south-west W.A.     |
| hypericifolia                | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5                                  | red            | spring/summer | good                         | yes(snow)         | in sandy soils along the<br>east coast of N.S.W. |
|                              | San Diego --<br>California U.S.A.<br>Benalla Vic                       | sandy loam to sand<br>to sand over clay<br>shallow topsoil over<br>mudstone                 |                |               | fair to good                 | yes               |  |
|                              | National Botanic<br>Gardens - Belgium                                  | in containers in<br>coconut fibre ( 45%),<br>loam(35%), sand(20%)<br>at a min.temp. of 10oC |                |               | good                         | yes               |  |
|                              | Strathmerton Vic   | clay  |                |               | good                         | yes ( snow )      |  |
| incana                       | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5                                  | cream          | spring        | good                         | yes(snow)         | in swampy areas in<br>south-west W A             |
|                              | Corowa N.S.W.<br>Richmond Tas.<br>Strathmerton Vic                     | clay soil<br>red clay<br>sand to sandy loam   |                |               | good<br>fair to good<br>goos | yes<br>yes<br>yes |  |
| incana " Velvet<br>Cushion " | Richmond Tas.<br>Benalla Vic   | red clay<br>shallow topsoil over<br>mudstone  | cream          | spring        | fair to good<br>good         | yes<br>yes        | a low-growing form of<br>M. incana               |
| irbyana                      | Redland Bay Qld<br>National Botanic<br>Gardens - Belgium               | red-grey clay<br>in containers in<br>coconut fibre(45%),<br>loam(35%), sand(20%)            | white          | spring        | fair<br>good                 | no<br>yes(snow)   | clay soils along creeks in<br>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<br>loam over clay at<br>depths of 0.6 to 2<br>metres                         |                |                 | fair to good   | yes(light) | sandy soils in south-east<br>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 --                          | sandy loam to sand  |                |                 | fair to good   | yes        |   |
|                                 | California U.S.A.                     | to sand over clay   |                |                 | good           | yes        |   |
|                                 | Benalla Vic                           | shallow topsoil over<br>mudstone  |                |                 | good           | yes(snow)  |   |
|                                 | National Botanic<br>Gardens - Belgium | in containers in<br>coconut fibre(45%),<br>loam(35%),sand(20%)<br>at a min.temp of 10oC |                |                 | fair           | yes        |   |
|                                 | Strathmerton Vic                      | clay  |                |                 |                |            |   |
| linariifolia " Claret<br>Tops " | Redland Bay Qld                       | red-grey clay   | white          | spring          | fair to medium | no         | a form of M. linariifolia<br>which grows to about 1.5<br>metres and retains red<br>growth and rounded<br>compact shape throughout |
| linophylla                      | Dubbo N S W.                          | red-brown clay loam   | cream          | spring          | fair to good   | yes        | in wet areas on sandy or<br>rocky areas on the north-<br>west coast of W.A.   |
| longistaminea                   | Benalla Vic                           | shallow topsoil over<br>mudstone  | white or cream | winter/spring   | good           | yes        | in heath in limestone<br>soils on the north coast<br>of south-west W.A.   |
| macronychia                     | San Diego --                          | sandy loam to sand  | red            | summer but also | fair to good   | yes        | in sandy granite soils in<br>south-west W.A.  |
|                                 | California U.S.A.                     | to sand over clay   |                | at other times  | good           | yes        |   |
|                                 | Benalla Vic                           | shallow topsoil over<br>mudstone  |                |                 | fair to good   | yes        |   |
|                                 | Strathmerton Vic                      | sand over clay  |                |                 |                |            |   |



|              |                                  |  |                |        |                              |            |  |
|--------------|----------------------------------|--|----------------|--------|------------------------------|------------|--|
| manglesii    | Strathmerton Vic                 | loam   | N.K.           | N.K.   | good                         | yes        | inland south coast area of south-west W.A.                       |
| megacephala  | Corowa N.S.W.<br>Benalla Vic     | clay soil<br>shallow topsoil over<br>mudstone              | yellow         | spring | good<br>good                 | yes<br>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<br>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.<br>Montrose Vic    | red clay<br>clay loam, clay and<br>sand                    | mauve          | spring | fair to good<br>fair to good | yes<br>yes | in sandy and gravelly soils in inland south-west W.A.            |
|              | Benalla Vic                      | shallow topsoil over<br>mudstone                           |                |        | good                         | yes        |  |
|              | Strathmerton Vic                 | sandy loam   |                |        | good                         | yes        |  |
| nesophila    | Neer --<br>The Netherlands       | in containers in peat<br>based potting mix<br>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<br>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.<br>Redland Bay Qld | red clay<br>on a 1 metre high<br>bank of red-grey clay     | mauve          | spring | fair to good<br>good         | yes<br>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%)<br>Fertiliser 9-10-18 | creamy-white | spring        | good         | yes(snow)  | in heavy subsoils on the south coast of south-west W.A.                          |
| pentagona                | Neer --<br>The Netherlands         | in containers in peat based potting mix<br>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%)<br>Fertiliser 9-10-18 |              |               | good         | yes(snow)  |  |
| pulchella                | Neer --<br>The Netherlands         | in containers in peat based potting mix<br>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 --<br>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<br>Brisbane Qld      | clay<br>red sandy loam   |               |                      | fair<br>good         | yes<br>no        |   |
| radula   | Neer --<br>The Netherlands            | in containers in peat based potting mix<br>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.<br>Benalla Vic          | clay soil<br>shallow topsoil over mudstone                                       |               |                      | good<br>good         | yes(snow)<br>yes |   |
|  | National Botanic<br>Gardens - Belgium | in containers in coconut fibre (45%), loam(35%), sand(20%)<br>Fertiliser 9-10-18 |               |                      | good                 | yes(snow)        |   |
|  | Dubbo N.S.W.<br>Strathmerton Vic      | red-brown clay loam<br>loam  |               |                      | fair to good<br>good | yes<br>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 --<br>The Netherlands            | in containers in peat based potting mix<br>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 --<br>California U.S.A.                                      | sand<br>sandy loam to sand<br>to sand over clay                   |                               |               | fair to good                                 | yes               | W.A. in sandy soils   |
| scabra          | Richmond Tas.<br>San Diego --<br>California U.S.A.<br>Strathmerton Vic | red clay<br>sandy loam to sand<br>to sand over clay<br>loam       | mauve-purple                  | spring        | fair to good                                 | yes               | in gravel and sand in<br>heathland, shrubland and<br>woodland in south-west<br>W.A.     |
| spathulata      | Richmond Tas<br>Strathmerton Vic<br>San Diego --<br>California U.S.A.  | red clay<br>sandy loam<br>sandy loam to sand<br>to sand over clay | mauve-purple                  | spring        | fair to good<br>fair to good<br>fair to good | yes<br>yes<br>yes | in gravelly soils in heath<br>and shrubland in south-<br>west W.A.                      |
| spicigera       | Strathmerton Vic   | sand  | mauve-purple                  | spring        | good   | yes               | in sandy or clay soils in<br>mallee and heath in south-<br>west W.A.                    |
| sp. "Wongamine" | Benalla Vic  | shallow topsoil over<br>mudstone                                  | N.K.                          | N.K.          | good   | yes               | origin not known  |
| squamia         | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5        | white to deep<br>mauve-purple | spring        | good   | yes(snow)         | in damp areas in eastern<br>N.S.W., Tasmania, south-<br>west Vic and south-east<br>S.A. |
|                 | Heswall U.K.   | sandy loam  |                               |               | see notes                                    | yes(snow)         |   |
| squarrosa       | Neer --<br>The Netherlands   | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5        | cream                         | spring/summer | good   | yes(snow)         | in damp places in southern<br>Vic and in Tasmania                                       |
|                 | Strathmerton Vic<br>Heswall U.K.                                       | clay<br>sandy loam  |                               |               | fair<br>see notes                            | yes<br>yes(snow ) |   |
| stypheloides    | 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%)<br>at a min temp of 10oC<br>Fertiliser 9-10-18 |   |               |                              |            | the east coast of N.S.W.<br>and south-east Qld                                   |
|                                  | Willmot N.S.W.<br>Strathmerton Vic                                     | N.K.<br>clay  |   |               | fair                         | no<br>yes  |  |
| suberosa                         | Neer --<br>The Netherlands   | in containers in peat<br>basec potting mix<br>pH 5.0 - 6.5                                    | mauve-purple                              | winter/spring | good                         | yes(snow)  | in sandy soils in heathland<br>, often close to the coast,<br>in south-west W.A. |
|                                  | Richmond Tas.<br>San Diego --<br>California U.S.A.<br>Strathmerton Vic | red clay<br>sandy clay to sand<br>to sand over clay<br>sandy loam                             |   |               | fair to good<br>fair to good | yes<br>yes |  |
| subfalcata                       | Strathmerton Vic   | clay  | lilac or pink                             | spring        | fair                         | yes        | in sandy and clay soils<br>along the south coast of<br>south-west W.A.           |
| systema (prev.<br>acerosa)       | Richmond Tas.  | red clay  | white or<br>cream                         | spring        | fair to good                 | yes        | in sandy or limestone<br>soils in inland or coastal<br>areas of south-west W A   |
| teretifolia                      | Montrose Vic   | clay loam , clay and<br>sand  | white to cream,<br>pink, mauve,<br>yellow | spring/summer | fair to good                 | yes        | in sandy soils in swampy<br>areas in south -west W.A.                            |
|                                  | San Diego --<br>California U.S.A.<br>Benalla Vic                       | sandy loam to sand<br>to sand over clay<br>shallow topsoil over<br>mudstone                   |   |               | fair to good<br>good         | yes<br>yes |  |
|                                  | Strathmerton Vic   | clay  |   |               | fair                         | yes        |  |
| teretifolia "Geogiana<br>Molloy" | Benalla Vic  | 'shallow topsoil over<br>mudstone   | red                                       | spring/summer | good                         | yes        | a red flowering form of<br>M.teretifolia from south-<br>west W.A.                |
|                                  | Strathmerton Vic   | clay  |   |               | fair                         | yes        |  |

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

|             |  |   |                                       |               |  |                                 |  |
|-------------|--|---|---------------------------------------|---------------|--|---------------------------------|--|
| viminea     | Margaret River W.A.<br>Dubbo N.S.W.<br>Strathmerton Vic                                  | clay to sandy loam<br>red-brown clay loam<br>sandy loam   | cream                                 | winter/spring | fair to good<br>fair to good<br>fair to good | yes(light)<br>yes<br>yes        | in sandy or clay soils<br>along creeks or swamps<br>in south-west W.A.           |
| violacea    | Richmond Tas.<br>San Diego --<br>California U.S.A.<br>Strathmerton Vic                   | red clay<br>sandy loam to sand<br>to sand over clay<br>sandy loam   | mauve                                 | spring        | fair to good<br>fair to good<br>fair to good | yes<br>yes<br>yes               | in sandy, gravelly or clay<br>soils in south-west W.A.                           |
| viridiflora | Margaret River W.A,<br>Redland Bay Qld   | clay to sandy loam<br>red-grey clay   | cream , pink,<br>red, white,<br>green | autunm/winter | fair to good<br>fair to good                 | yes<br>no                       | in swampy areas and on<br>hillsides across most of<br>the northern half of Aust. |
| wilsonii    | Montrose Vic<br>Benalla Vic<br>National Botanic<br>Gardens - Belgium<br>Strathmerton Vic | clay loam, clay and<br>sand<br>shallow topsoil over<br>mudstone<br>in containers in<br>coconut fibre(45%),<br>loam(35%), sand(20%)<br>at a min.temp of 10oC<br>Fertiliser 9-10-18<br>clay | pink to mauve-<br>purple              | spring        | fair to good<br>fair to good<br>good<br>fair | yes<br>yes<br>yes(snow )<br>yes | in dry sandy soils in<br>south-east S.A. and<br>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 --<br>California U.S.A.         | sandy clay to<br>sand over loam                   | pinkish-red                | spring                       | fair to good         | yes                  | central northern part<br>of south-west W.A.<br>in spinifex/eucalypt<br>woodland |
| asper           | Gosford N.S.W                             | sandy soil<br>over sandstone<br>sand              | red                        | spring ( a few<br>in winter) |                      | yes (light)          | south-west W.A.<br>in red soil over<br>laterite in<br>shrubland                 |
|                 | South Australia<br>Queanbeyan A.C.T.      |   |                            |                              | yes ( light )        |                      |   |
|                 | Greenbank Qld<br>Myrree Vic.              | raised bed of<br>sandy soil<br>red clay           |                            |                              | good<br>fair         | yes<br>yes           |   |
| blepharanthus   | Greenbank Qld                             | raised bed of<br>sandy soil                       |                            |                              | fair                 | yes                  |   |
| blepharospermus | South Australia                           | sand  | orange/red                 | spring                       |                      | yes ( light )        | south-west W.A.<br>in sand with heath   |
| chrysanthus     | Jervois S.A.                              | sandy loam  | red with<br>yellow anthers | spring                       | good                 | yes ( light )        | south-west W.A.<br>in sandy soils   |
|                 | Cranbourne South<br>Vic.<br>Greenbank Qld | sandy grey<br>loam<br>raised bed of<br>sandy soil |                            |                              | good<br>fair to good | yes ( light )<br>yes |   |
| gilesii         | Jervois S.A.                              | sandy loam  | red with<br>yellow anthers | spring/summer                | fair to good         | yes(light)           | inland of south-<br>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 --<br>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.<br>San Diego --<br>California U.S.A.<br>Strathmerton Vic                     | dark sandy loam<br>sandy loam to<br>sand over clay<br>sandy loam                                 |  |                          | good<br>fair to good<br>fair to good | no<br>yes<br>yes               |  |
| kalbarriensis | Strathmerton Vic   | sandy loam   | orange/red -<br>yellow towards<br>base of<br>stamens | spring                   | fair to good                         | yes                            | in sandy soils over<br>limestone in<br>Kalbarri area in<br>south-west W.A. |
| lateralis     | Neer --<br>The Netherlands   | in containers in<br>peat based potting<br>mix pH 5.0-6.5   | dark crimson   | winter/spring/<br>summer | good                                 | yes(snow)                      | near swamps and<br>damp ground in<br>south-west W.A.                       |
| macrocarpus   | Strathmerton Vic   | sandy loam   | rosy red   | spring/early<br>summer   | fair to good                         | yes                            | south coast of W.A.<br>on rocky<br>quartzite slopes                        |
| pachystachyus | Jervois S.A.<br>South Aust.  | light loam<br>sandy loam   | brownish-green                                       | spring                   | good                                 | yes ( light)<br>no             | south-west W.A.<br>in sandplain heath                                      |
| pinifolius    | Jervois S.A.<br>Benalla Vic<br><br>Queanbeyan A.C.T.<br>San Diego -<br>California U.S.A. | sandy loam<br>shallow topsoil<br>over mudstone<br>shaley soil<br>sandy loam to<br>sand over clay | crimson  | spring                   | good<br><br>fair to good             | yes(light)<br>no<br>yes<br>yes | in quartzite soils in<br>coastal heath                                     |
| preissii      | South Aust   | sandy soil   | purplish-red   | winter.spring            | good                                 | no                             | in gravelly sand or<br>gravelly clay in heath<br>in south-west W.A.        |

|                  |  |  |     |              |                      |  |   |
|------------------|--|--|-----|--------------|----------------------|--|---|
| quadrifidus      | Gosford N.S.W.                                 | sandy soil   | red | spring       |                      | yes(light)                                   | widely distributed<br>in coastal sandplain,<br>mallee heaths and<br>jarrah forests in<br>sandy or lateritic<br>soils in south-<br>west W.A. |
|                  | Queanbeyan A.C.T.                              | clay soil  |     |              |                      | yes  |   |
|                  | Neer --<br>The Netherlands                     | in containers in<br>peat based potting<br>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<br>and sand                              |     |              | fair to good         | yes  |   |
|                  | Cranbourne South<br>Vic                        | grey sandy soil  |     |              |                      | yes(light)                                   |   |
| * prostrate form | A.C.T.   | 1.raised bed over<br>clay soil                           |     |              |                      | yes  |   |
|                  | A.C.T.   | 2. clay soil<br>acid soil                                |     |              | fair                 | yes<br>yes(severe<br>at times)<br>yes(light) |   |
|                  | Cranbourne South<br>Vic *                      | grey sandy soil  | red | spring       |                      | yes(light)                                   |   |
|                  | A.C.T.   | clay soil with<br>added compost                          |     |              |                      | yes  |   |
|                  | A.C.T.   | clay with mulch<br>of river sand                         |     |              | fair                 | yes  |   |
|                  | A.C.T.<br>South Aust.                          | raised clay bank<br>sandy loam                           |     |              | fair<br>fair to good | yes<br>no                                    |   |
|                  | Benalla Vic                                    | shallow topsoil<br>over mudstone                         |     |              | good                 | no   |   |
| Strathmerton Vic | deep sand                                      |  |     | good         | yes                  |  |   |
| A.C.T.           | stoney clay soil                               |  |     | fair to good | yes                  |  |   |
| A.C.T.           | decomposed<br>volcanic rock<br>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 sandy loam over clay |     |               | 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 loam                    |     |               | fair to good | yes        | on sandplains north of Perth in shallow sand over laterite or granite          |
|   | A.C.T.                        | raised clay bank                                     |     |               | fair         | yes        |  |
|   | Queanbeyan A.C.T.             | plant killed by frost over two winters               |     |               | fair         | yes        |  |
|   | 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<br>in coastal heath<br>on the north coast<br>of south-west W.A. |
| tuberosus | Jervois S.A.<br>Greenbank Qld<br>Dulegal Arboretum<br>N.S.W.  | sandy loam<br>raised bed<br>on rocky hillside   | red      | spring/summer | fair<br>fair to good<br>fair to good                             | no<br>yes<br>yes   | at the base of<br>granite outcrops in<br>shrubland in<br>south-west W.A.            |
| validus   | Jervois S.A.<br>South Aust<br>Queanbeyan A.C.T.<br>Richmond Tas.<br>Benalla Vic<br><br>Gosford N.S.W.<br>Myrree Vic<br>Strathmerton Vic | sandy loam<br>sandy loam<br>clay soil<br>red clay<br>shallow topsoil<br>over mudstone<br>sandy soil - plant is unthrifty in this soil<br>red clay<br>clay loam  | red      | winter/spring | fair<br>good<br>fair<br>fair to good<br>good<br><br>fair<br>fair | yes(light)<br>no<br>no<br>yes(light)<br>no<br><br>yes(light)<br>yes(light) | on rocky quartzite<br>hills on the south<br>coast of south-<br>west W.A.            |
| villosus  | A.C.T.<br>Armidale N.S.W.<br>A.C.T.<br>A.C.T.<br>South Aust<br>Strathmerton Vic<br>San Diego --<br>California U.S.A.                    | shaley soil<br>plant grew for a short time but eventually died<br>clay soil -- plant grew for a while but eventually killed by frost<br>plant grew for a while but eventually killed by frost of -9oC<br>sand<br>deep sand<br>sandy clay to sand<br>over clay | red      | summer        | fair<br><br><br><br>good<br>good<br>fair to good                 | yes<br><br><br><br>no<br>yes<br>yes  | in sandy heath in<br>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 "<br>" Joy "    | Redland Bay Qld                 | red-grey clay  | pink                  | winter/spring  | fair to medium         | no           | L. polygalifolium X L. scoparium " nana "   |
| " Aussie Blossom "<br>" Martin " | Redland Bay Qld<br>Brisbane Qld | red-grey clay<br>red sandy loam                            | white to pale<br>pink | winter/spring  | fair to medium<br>good | no<br>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 --<br>The Netherlands      | in containers in<br>peat based potting<br>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                    | clay loam and sand   | white                 | spring/summer  | fair to good           | yes          | on rocky hills and outcrops along the east coast of N.S.W.                                |
|                                  | Strathmerton Vic                | deep sand  |                       | spring/summer  | good                   | yes          |   |
| continentale                     | Neer --<br>The Netherlands      | in containers in<br>peat based potting<br>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<br>Heswall U.K.                          | deep sand<br>sandy loam  | white | autumn        | good<br>see notes | yes              | in granite soils on<br>Freycinet Peninsula<br>in south-east Tas                      |
| grandifolium | Heswall U.K.  | sandy loam   | white | spring/summer | see notes         | yes ( snow )     | along creeks and in<br>swamps in south-<br>east NSW and north-e:                     |
| juniperinum  | Samsonvale Qld  | grey clayey loam<br>with some gravel   | white | spring/summer | good              | no               | south-east coast of<br>Qld and east coast of<br>N.S.W.in sandy or<br>sandstone soils |
| laevigatum   | Neer --<br>The Netherlands                                | in containers in<br>peat based potting<br>mix pH 5.0 - 6.5   | white | spring        | good              | yes(snow)        | in beach sands and<br>on coastal dunes   |
|              | Strathmerton Vic<br>National Botanic<br>Gardens - Belgium | sandy loam<br>in containers in<br>coconut fibre(45%),<br>loam(35%), sand<br>(20%) at a minimum<br>temp. of 10oC.<br>Fertiliser 9-10-18 |       |               | good<br>good      | yes<br>yes(snow) | along coastal areas of<br>south-east Qld, N.S.W.<br>Vic and south - east<br>S.A.     |
| lanigerum    | National Botanic<br>Gardens - Belgium                     | (see for Lept.<br>laevigatum )   | white | spring/summer | good              | yes(snow)        | along south coastal<br>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 --<br>The Netherlands                                | in containers in<br>peat based potting<br>mix pH 5.0 - 6.5   |       |               | good              | yes(snow)        |  |
|              | Richmond Tas  | red clay   |       |               | fair to good      | yes              |  |

|  |                                    |  |   |               |                              |            |   |
|--|------------------------------------|--|---|---------------|------------------------------|------------|---|
| <i>liversidgei</i>                               | Samsonvale Qld<br>Strathmerton Vic | grey clayey loam<br>clay loam                              | white   | summer        | good<br>fair to good         | no<br>yes  | in low-lying sandy and<br>peaty heath in south -<br>east Qld and north -<br>east N.S.W. |
| <i>macrocarpum</i>                               | Neer --<br>The Netherlands         | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | pink w/- red or<br>greenish-red<br>forms seen | spring/summer | good                         | yes(snow)  | on rocky or exposed<br>sites in the Blue<br>Mountains N.S.W.                            |
|  | Richmond Tas.<br>Montrose Vic      | red clay<br>clay loam, clay<br>and sand                    |   |               | fair to good<br>fair to good | yes<br>yes |   |
| <i>macrocarpum X<br/>spectabile</i>              | Neer --<br>The Netherlands         | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | dark pink                                     | spring        | good                         | yes(snow)  | origin not known  |
| <i>madidum</i><br>(prev. <i>L. longifolium</i> ) | Samsonvale Qld                     | grey clayey loam   | white   | winter/spring | good                         | no         | in deep sandy soils<br>along streams in<br>northern Cape York<br>- Qld                  |
| "Merinda"  | Redland Bay Qld<br>Corowa N.S.W.   | red-grey clay<br>clay                                      | red   | winter/spring | fair to medium<br>good       | no<br>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<br>south-east Qld and<br>north-east N.S.W.                          |
| <i>myrtifolium</i>                               | Heswall U.K.                       | sandy loam   | white   | summer        | see notes                    | yes(snow)  | in high altitude sandy<br>soils in south-east<br>N.S.W. and north-<br>east Victoria     |
| <i>nitidum</i>                                   | Richmond Tas.<br>Strathmerton Vic  | red clay<br>sandy loam                                     | white   | summer        | fair to good<br>fair to good | yes<br>yes | in cold heath areas<br>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.<br>Samsonvale Qld<br>Florida U.S.A. | clay to sandy loam<br>grey clayey loam<br>loam over clay at depths of 0.3 - 2.0 metres | white                               | summer        | fair to good<br>good<br>poor to fair | yes(light)<br>no<br>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<br>* 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 --<br>The Netherlands<br><br>Richmond Tas          | in containers in peat based potting mix<br>pH 5.0 - 6.5<br>red clay                    | pink to mauve<br>sometimes<br>white | spring        | good<br><br>fair to good             | yes(snow)<br><br>yes           | in shallow soils in sandstone in north-east Vic   |

|                                     |  |  |  |               |                                   |                         |  |
|-------------------------------------|--|--|--|---------------|-----------------------------------|-------------------------|--|
|                                     | Strathmerton Vic<br>Heswall U.K.                 | deep sand<br>sandy loam                                    |  |               | good<br>see notes                 | yes<br>yes ( snow )     |  |
| rotundifolium<br>" Jervis Bay form" | Margaret River W.A.<br>Montrose Vic              | clay to sandy loam<br>clay loam, clay and<br>sand          | mauve  | spring        | good<br>fair to good              | yes<br>yes              | from the Jervis bay<br>area of N.S.W.                                |
|                                     | Benalla Vic                                      | shallow topsoil over<br>mudstone                           |  |               | good                              | no                      |  |
| rotundifolium<br>" Julie Ann "      | Benalla Vic<br>Heswall U.K.                      | shallow topsoil over<br>mudstone<br>sandy loam             | pink   | spring        | good<br>see notes                 | no<br>yes ( snow )      | a selection from the<br>Jervis Bay area<br>N.S.W.                    |
| rotundifolium<br>" Lavender Queen"  | Montrose Vic                                     | clay loam, clay and<br>sand                                | lavender                                     | spring        | fair to good                      | yes                     | a selection of the<br>species - origin<br>unknown                    |
| rotundifolium<br>" Mount Imlay "    | Heswall U.K.                                     | sandy loam   | N.K.   | N.K.          | see notes                         | yes( snow)              | N.K.   |
| rupestre                            | Neer --<br>The Netherlands                       | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | white  | summer        | good                              | yes(snow)               | in exposed rocky<br>sites in central<br>Tasmania                     |
|                                     | Richmond Tas<br>Heswall U.K.                     | red clay<br>sandy loam                                     |  |               | fair to good<br>see notes         | yes<br>yes ( snow )     |  |
| scoparium                           | Neer -<br>The Netherlands                        | in containers in peat<br>based potting mix<br>pH 5.0 - 6.5 | white ( pink or<br>red forms may<br>be seen) | spring/summer | good                              | yes(snow)               | in rocky or sandy<br>heath along<br>streams . Also<br>occurs in N.Z. |
|                                     | Richmond Tas<br>Strathmerton Vic<br>Heswall U.K. | red clay<br>deep sand<br>sandy loam                        |  |               | fair to good<br>good<br>see notes | yes<br>yes<br>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 ---<br>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 *<br>* white and pink forms being grown<br>Heswall U.K. | shallow topsoil over mudstone<br>sandy loam          | white and pink |                | good                | no<br>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 ---<br>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 K.ambigua<br>root stock | San Diego<br>California U.S.A.            | sandy loam to<br>sand over clay  | red        | spring        | fair to good              | yes                 |  |
|                                       | Myrrhee Vic<br>Emerald Beach<br>N.S.W. ** | red clay<br>sandy soil           |            |               | fair to good<br>good      | yes<br>no           |  |
| baxteri x pulchella                   | Montrose Vic                              | clay loam , clay<br>and sand     | red        | spring        | fair to good              | yes                 | N.K.   |
| ericifolia                            | Richmond Tas.                             | red clay                         | cream      | spring        | fair to good              | yes                 | in damp areas in<br>woodland in south-west<br>W.A.   |
| ericoides                             | Myrrhee Vic.                              | red clay                         | white      | spring/summer | fair to good              | yes                 | in forest along the Great<br>Dividing Range in south-<br>east Qld, N.S.W. and<br>Victoria                        |
| jucunda                               | Myrrhee Vic                               | red clay                         | mauve      | spring        | fair to good              | yes                 | in sandy soils with<br>Melaleuca spp in<br>south-west W.A.   |
| micrantha                             | Benalla vic                               | shallow topsoil<br>over mudstone | mauve-pink | spring        | good                      | no                  | in wet sandy soils in<br>south-west W.A.   |
| micromera                             | Benalla Vic                               | shallow topsoil<br>over mudstone | mauve      | spring        | good                      | no                  | in sandy soils in south-<br>west W.A.  |
| muellerii                             | Myrrhee Vic<br>Heswall U.K.               | red clay<br>sandy loam           | yellow     | spring/summer | fair to good<br>see notes | yes<br>yes ( snow ) | in alpine, sub-alpine and<br>montane heath in the<br>Australian Alps in south<br>N.S.W. and northern<br>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 ---<br>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<br>over mudstone        |                  |        | good         | no        | west of W.A.  |
|  | Myrrohee Vic                   | red clay                                |                  |        | fair to good | yes       |   |
| pulchella                              | Benalla Vic                    | shallow topsoil<br>over mudstone        | red              | spring | good         | no        | on granite soils in inland<br>of south-west W.A.  |
| *** grafted to K.ambigua<br>root stock | Myrrohee Vic                   | red clay                                |                  |        | fair to good | yes       |   |
|  | Emerald Beach<br>N.S.W. ***    | sandy soil                              |                  |        | good         | no        |   |
|  | San Diego<br>California U.S.A. | sandy loam to sand<br>to sand over clay |                  |        | fair to good | yes       |   |
| recurva                                | Richmond Tas.                  | red clay                                | white to<br>pink | spring | fair to good | yes       | in sandy heath in<br>south-west W.A.  |
|  | Montrose Vic.                  | clay loam, clay<br>and sand             |                  |        | fair to good | yes       |   |
|  | Benalla Vic                    | shallow topsoil<br>over mudstone        |                  |        | good         | no        |   |
| sp. "Badja Carpet"                     | Benalla Vic.                   | shallow topsoil<br>over mudstone        | white            | summer | good         | no        | a naturally occurring<br>form from Mt Badja in<br>south-east N.S.W.in<br>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<br>over mudstone                              |           |               | good         | no           |   |
| sparsa               | Margaret River W.A.             | clay to sandy<br>loam   | vermilion | summer/autumn | good         | yes (light ) | on the edges of<br>swamps in south-<br>west W.A.          |
|                      | San Diego, California<br>U.S.A. | sandy loam to<br>sand   |           |               | good         | yes(light)   |   |
|                      | Montrose Vic                    | clay loam,<br>clay and sand                                   |           |               | good         | yes          |   |
|                      | Adelaide S.A.                   | clay soils over<br>limestone                                  |           |               | fair to good | no           |   |
| squarrosa            | Adelaide S.A.                   | raised sand<br>bed  | red       | spring/summer | good         | no           | in sandy clay flats<br>and in heath in<br>south-west W.A. |
|                      | Montrose Vic                    | clay loam,<br>clay and sand                                   |           |               | good         | yes          |   |
|                      | Neer,<br>The Netherlands        | in containers<br>in peat-based<br>potting mix<br>pH 5.0 - 6.5 |           |               | good         | yes ( snow ) |   |
|                      | Tenterfield N.S.W.              | brown clay<br>loam  |           |               | good         | yes( severe) |   |
|                      | Adelaide S.A.                   | raised sand bed   |           |               | good         | no           |   |
| sp. aff. squarrosa   | Montrose Vic                    | clay loam.<br>clay and sand                                   | red ?     |               | good         | yes          | south-west W.A. ?   |
| sp " Razzle Dazzle " | Myrree 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.<br>Corowa N.S.W.  | red clay<br>clay  | mauve                      | spring/summer  | fair to good<br>good   | yes<br>yes                           | in sandy soils in<br>south-west W.A.                                    |
| cymbifolia                                | Richmond Tas.   | red clay  | pink to<br>purple          | spring         | fair to good   | yes                                  | in a restricted area<br>in grey or yellow sand<br>in south-west W.A.    |
| inops                                     | Adelaide S.A.<br><br>Richmond Tas.  | red-brown clay<br>over limestone<br>red clay  | mauve                      | spring         | fair to good<br><br>fair to good                                 | no<br><br>yes                        | in sandy soils in south<br><br>west W.A.                                |
| megacephala                               | Richmond Tas.<br>Corowa N.S.W.<br>San Diego<br>California U.S.A.<br><br>Tenterfield N.S.W.    | red clay<br>clay<br>sandy loam to<br>sand to sand over<br>clay<br>brown clay loam                     | mauve                      | summer         | good<br>fair<br>fair to good<br><br>good                         | yes<br>yes<br>yes<br><br>yes(severe) | on rocky quartzite hills<br>in the north of south-<br>west W.A.         |
| purpurea ( possibly<br>a hybrid or form ) | Myrrohee Vic.   | red clay  | mauve                      |                | fair   | yes                                  | N.K.  |
| velutina                                  | Richmond Tas.<br><br>Montrose Vic.<br><br>San Diego<br>California U.S.A.<br><br>Myrrohee Vic. | red clay<br><br>clay loam,<br>clay and sand<br>sandy loam to<br>sand to sand over<br>clay<br>red clay | red with<br>yellow anthers | spring         | fair to good<br><br>fair to good<br><br>fair to good<br><br>fair | yes<br><br>yes<br><br>yes<br><br>yes | on quartzite or rocky<br>hills on the south coast<br>of south-west W.A. |

**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