

**CYANOGENESIS IN AUSTRALIAN SPECIES OF ACACIA.  
SURVEY OF HERBARIUM SPECIMENS AND LIVING PLANTS**

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ABSTRACT

*Forty four (44) Australian species of Acacia representing 5.3% of the total Acacia flora of the continent are shown to be cyanogenic. The majority of these species (37) occur in section Juliflorae while 4, 2 and 1 species are included in sections Botrycephalae, Acacia and Pulchellae respectively. During the course of this survey the foliage of 2572 herbarium specimens and 1023 living plants of Acacia were tested (using the Feigl-Anger method) for their ability to release HCN in the presence of a  $\beta$ -glucosidase hydrolyzing enzyme. The testing of herbarium material seems to be quite a reliable method for broad-based screening for cyanogenesis in Acacia.*

*The majority of cyanogenic Australian Acacia species appear to lack a substrate-specific enzyme capable of rapidly hydrolyzing the cyanogenic substrate(s). This may explain why Acacia is rarely incriminated in cases of stock loss.*

*Current results suggest that many Australian Acacia species are polymorphic for cyanogenesis.*

*Within Australia there are 3 main centres of species-richness for cyanogenic taxa: (1) the semi-arid northern wheatbelt region of Western Australia; (2) the arid northwest of Western Australia centred on the rocky tablelands of the Pilbara; (3) the rocky tablelands of the Great Dividing Range in eastern Australia between Brisbane and Sydney. Cyanogenic species are absent or poorly represented in the tropical and subtropical north, the temperate southeast and the extreme southwest of the continent.*

## INTRODUCTION

Finnemore and Gledhill (1928) first reported cyanogenesis in Australian species of *Acacia*. Of 62 species examined they found that *A. cheelii*, *A. cunninghamii*\*, *A. doratoxylon* and *A. glaucescens* (= *A. binervia*) released HCN provided an extract of sweet almonds was added to their fresh phyllode homogenate. Finnemore and Cox (1928) subsequently isolated the cyanogenic glycoside sambunigrin from *A. cheelii* and *A. glaucescens*. Other early reports of cyanogenesis in Australian acacias appeared in Hurst (1942) and Gardner and Bennetts (1956) but it was not until the work of Secor et al. (1976) that cyanogenesis was rigorously studied. Using fresh foliage from plants growing in the University of California (Davis) arboretum these workers isolated the cyanogenic glycosides, sambunigrin (from *A. cunninghamii*\*\*\*) and its epimer, prunasin (from *A. deanei* subsp. *paucijuga* and *A. parramattensis*). *Acacia pulchella* was also shown to be cyanogenic; however, because of insufficient foliage, the cyanogen was not identified. In 1981 Adewusi, Bjornback and Conn tested herb. UCB material for cyanogenesis using the Feigl-Anger method (Tantisewie et al. 1969) and found from a total of 268 species examined 10 released HCN viz. *A. beauverdiana*, *A. binervia*, *A. blakei*, *A. cheelii*, *A. cunninghamii*\*\*, *A. doratoxylon*, *A. granitica*, *A. signata*, *A. sparsiflora* and *A. trachycarpa*.

It was against this background that the authors initiated a much wider survey to (1) investigate the extent of cyanogenesis in Australian species of *Acacia*, (2) determine the nature of the cyanogens present and (3) examine how these results correlate with known taxonomic and phytogeographic information pertaining to the genus. The results of an investigation designed to fulfil the first of these objectives is the main subject of the present paper. Details of the biochemistry and the taxonomic interpretations based on these data are currently in preparation and will be published elsewhere. Summaries of progress relating to this project have been published in Conn and Maslin (1982 and 1983).

## MATERIALS AND METHODS

In order to examine the extent of cyanogenesis in Australian *Acacia* species the foliage from both herbarium specimens and living plants was tested for its ability to release HCN in the presence of  $\beta$ -glucosidase hydrolyzing enzyme.

\* In the past there has been considerable confusion concerning the name *A. cunninghamii*. This name has been applied in an extremely broad sense to *A. concurrens*, *A. crassa*, *A. cretata*, *A. leiocalyx*, *A. longispicata* and *A. tropica* (Pedley 1974 and 1978). As noted by Everist (1981), it is now not possible to determine with certainty the correct identity of plants described as toxic under the name *A. cunninghamii*.

\*\* L. Pedley (pers. comm.) has examined the specimen upon which this record was based and redetermined it as *A. blakei*.

## (a) Herbarium survey

Specimens sampled in this survey were located at the following institutions: Queensland Herbarium (BRI), Western Australian Herbarium (PERTH) and the University of California, Berkeley (UCB). All BRI and PERTH sheets were stamped as vouchers and only at these herbaria were the specimens checked for accuracy of determination.

## (b) Living plants

Approximately two-thirds of the living plants examined in this survey were located in botanic gardens and arboreta. The botanical names for these plants were obtained from field labels and except for plants grown at the Western Australian Herbarium the determinations were usually not verified by Maslin. The plants in the Australian gardens were tested by Conn and Conn during the period October 1981 through March 1982. The plants in the arboretum of the University of California at Davis were sampled in 1969 by J.E. Secor; a severe freeze during the winter of 1973 destroyed about one-third of these plants.

Wild plants were tested at various localities in Western Australia, New South Wales and Queensland. In a number of instances these tests were not conducted by the authors (see caption to Appendix 2 for assistance rendered).

Usually only one or two plants were tested at each locality. However, for *A. gracillima*, *A. resinomarginea*, *A. signata* and *A. trachycarpa* multiple intra-population testing was conducted in order to ascertain the extent of polymorphism within these species.

## (c) Testing procedures

In order to test for the presence of cyanogenic glycosides, small samples (10-25 mg) of foliage\* were removed from herbarium specimens. This material was ground in a glass vial and a few drops of an enzyme mixture consisting of almond emulsin (0.05%) (Sigma Chemical No. G-8625) and flax seed linamarase (0.1 units per ml) (Butler and Conn 1964) in 0.1 M phosphate buffer, pH 5.5, were added to the homogenate. Feigl-Anger test papers (Tantisewie et al. 1969) were employed to detect any HCN released. The majority of these tests were conducted at E.E. Conn's laboratory, University of California, Davis. In the majority of cases, samples yielding a positive test did so within six hours; only a few required 24 hours or longer. Any samples which yielded a positive test after 24 hours were re-examined with an enzyme solution containing antibiotics (0.33 mM penicillin G and 0.085 mM streptomycin sulfate) to rule out false positives due to HCN being produced by cyanogenic bacteria growing in the test vials (Saupe et al. 1982).

The procedure for testing living plants was similar except that it employed an almond emulsin powder (0.05% in 1%  $(\text{NH}_4)_2\text{SO}_4$ ) which slowly hydrolyzed aliphatic glycosides such as linamarin and proacacipetalin as well as prunasin, sambunigrin and amygdalin. This modification was introduced in order to provide an enzyme solution which could be conveniently prepared

\* In the case of the few aphyllodinous species such as *A. aphylla*, *A. alata*, etc., young branchlets were tested.

in the field by the addition of water to dry commercial reagents. (If Sigma  $\beta$ -glucosidase G-8625 is employed, it should be supplemented with  $\beta$ -glucuronidase from *Helix pomatia* (Brimer et al. 1983)). Wherever possible, new growth was selected for testing since these tissues tend to have the highest amount of cyanogenic glycoside.

(d) Mapping technique

Maps showing the concentrations of Australian cyanogenic taxa within  $1^{\circ} \times 1.5^{\circ}$  grids were compiled from data given in Maslin and Pedley (1982) and supplemented with unpublished distribution information. These maps summarize the entire distribution for each cyanogenic species and not just the known cyanogenic populations within each.

(e) Nomenclatural data base

Both described and undescribed taxa are included in this survey. Species names used here are those given in Maslin and Pedley (1982). However, a number of species included in the present work have been recognized subsequent to Maslin and Pedley's publication viz. *A. anastema* Maslin, *A. calcarata* Maiden and Blakely, *A. chrysochaeta* Maslin, *A. conniana* Maslin, *A. distans* Maslin, *A. drepanophylla* Maslin, *A. filamentosa* Maslin, *A. galeata* Maslin, *A. intorta* Maslin, *A. jasperensis* Maconochie, *A. richardsii* Maslin, *A. sessilis* Benth, *A. sibilans* Maslin and *A. tenuispica* Maslin. Also, *A. tamminensis*, a species recognized by Maslin and Pedley, is not included in the present work because this name is considered by one of us (B.R.M.) to be synonymous with *A. sphacelata*.

Some of the species sampled include infraspecific taxa and where specimens could reliably be referred to a subspecies or variety they are listed. Sometimes, however, we were unsure of the infraspecific placement of specimens and in these cases the samples are listed under the species name without any indication of infraspecific rank, e.g. *A. alata*.

Un-named specimens of uncertain taxonomic status (many undoubtedly representing new taxa) are identified by their collecting number or if this was not provided, by date of collection or institutional number.

Throughout this work *A. farnesiana* is excluded (except in Appendix 1), it almost certainly being an early introduction to Australia (Pedley 1979). This species which is widespread in arid and subtropical Australia (Maslin and Pedley 1982) is reported to contain two cyanogenic glycosides, linamarin and lotaustralin (Seigler et al. 1979).

## RESULTS AND DISCUSSION

This study has shown that cyanogenesis has been recorded in 44 species of *Acacia*. These include 39 described species, representing 5.3% of the total described species for Australia, as well as 5 taxa of uncertain rank (for the purpose of this paper these 5 taxa are called species) - Table 1. Of the 741 described Australian species of *Acacia*, we have tested 712 (96%) using herbarium material and 360 species (49%) using living material. For many species relatively few specimens were tested and when considered that many taxa seem to be polymorphic for cyanogenesis (see below) it is

probable that we have missed some cyanogenic species in this survey.

#### Herbarium survey

Appendix 1 lists the 2572 herbarium specimens sampled and those giving a positive reaction to the Feigl-Anger test are marked with an asterisk (\*). These specimens include 1471 from PERTH, 824 from BRI and 277 from UCB. In all, 207 specimens (representing 8% of the total specimens sampled) gave positive reactions to our test procedure (Table 1). This number is undoubtedly a minimum figure because of the possibility that cyanogenic substrates present in a living plant might have been destroyed during the preparation of a herbarium specimen. The 207 specimens represent 40 species including 5 of uncertain rank. With the exception of *A. sutherlandii* (section *Acacia*), *A. parramattensis* (section *Botrycephalae*) and *A. pulchella* (section *Pulchellae*) all cyanogenic taxa detected in this herbarium survey are referable to section *Juliflorae*.

From Appendix 1 it will be seen that duplicate specimens of Speck 4908 (*A. gonocarpa*), Coveny 5731 and Lander (*A. blakei*) and Hill and Lothian 838 (*A. rhodophloia*) yielded conflicting results. It is unlikely that both positive and negative reactions to the Feigl-Anger test would occur on material taken from a single plant. Therefore, it is probable that either these collections were taken from different plants and given the one collecting number or, alternatively, the glycoside may have been differentially destroyed during specimen preparation in the different herbaria. However, there are numerous examples (e.g. *A. binervia*, *A. exilis*, *A. granitica*) where duplicates of the same collection tested positive in two different herbaria suggesting that the first explanation for these anomalous results is the more probable.

The testing of herbarium specimens seems to be quite a reliable method for broad-based screening for cyanogenesis in *Acacia*. The advantage of using herbarium material is that large numbers of separate individuals can be tested at a single location. As the Feigl-Anger method requires the use of very small quantities of foliage in order to test for the presence of cyanogenic glycosides, only minimal damage is caused to valuable herbarium material. We encountered only four taxa for which we were unable to confirm cyanogenesis with herbarium specimens having first found the living plants to contain cyanogenic glycosides viz. *A. deanei* subsp. *paucijuga* (of 9 living plants tested 6 were cyanogenic; none of the 8 herbarium specimens tested was cyanogenic); *A. irrorata* subsp. *irrorata* (of 4 living plants tested 1 was cyanogenic; none of the 8 herbarium specimens tested was cyanogenic); *A. schinoides* (of 10 living plants tested 6 were cyanogenic; none of the 4 herbarium specimens tested was cyanogenic); *A. pachyphloia* (of 3 living plants tested 1 was cyanogenic; the one herbarium specimen tested was not cyanogenic). Our failure to detect cyanogenic herbarium specimens in these 4 taxa may be due to destruction of the cyanogenic substrate during specimen preparation; it may also be related to the small sample size because, as discussed below, *Acacia* species vary considerably in their ability to produce cyanide.

#### Living plants

A total of 1023 living plants representing 360 species were tested (Appendix 2). Of these, 116 individuals representing 25 species were cyanogenic (Table 1). Thus 6.9% of the species examined were cyanogenic and

Table 1. Cyanogenic Australian species of *Acacia* showing the numbers of herbarium specimens and living plants which released HCN in the presence of an added  $\beta$ -glucosidase hydrolyzing enzyme. Appendix 1 and 2 list voucher specimens for these taxa.

TAXON	SECTION (Pedley 1978)	HERBARIUM SPECIMENS		LIVING PLANTS	
		Total no. tested	No. HCN positive	Total no. tested	No. HCN positive
<i>A. adsurgens</i>	Juliflorae	4	3	6	4
<i>A. atkinsiana</i>	Juliflorae	2	1	1	0
<i>A. beauverdiana</i>	Juliflorae	12	12	4	3
<i>A. binervia</i>	Juliflorae	4	4	4	2
<i>A. blakei</i>	Juliflorae	14	7	4	2
<i>A. burrowii</i>	Juliflorae	13	2	7	0
<i>A. caroleae</i>	Juliflorae	11	9	6	5
<i>A. cheelii</i>	Juliflorae	3	3	5	4
<i>A. conniana</i>	Juliflorae	8	6	0	0
<i>A. curvinervia</i>	Juliflorae	7	5	1	1
<i>A. deanei</i>					
subsp. <i>paucijuga</i>	Botrycephalae	9	0	9	6
<i>A. diphylla</i>	Juliflorae	6	4	0	0
<i>A. doratoxylon</i>	Juliflorae	4	3	4	3
<i>A. exilis</i>	Juliflorae	2	2	1	1
<i>A. gonocarpa</i>	Juliflorae	25	2	0	0
<i>A. gracillima</i>	Juliflorae	11	3	45	3
<i>A. granitica</i>	Juliflorae	13	13	1	1
<i>A. irrorata</i>					
subsp. <i>irrorata</i>	Botrycephalae	8	0	4	1
<i>A. julifera</i>					
subsp. <i>julifera</i>	Juliflorae	12	9	2	2
<i>A. kempeana</i>	Juliflorae	75	1	2	0
<i>A. lasiocalyx</i>	Juliflorae	2	2	7	7
<i>A. longiphylloidea</i>	Juliflorae	2	1	2	0
<i>A. lysiphloia</i>	Juliflorae	52	22	16	0
<i>A. olgana</i>	Juliflorae	3	2	0	0
<i>A. pachyphloia</i>	Acacia	1	0	3	1
<i>A. parramattensis</i>	Botrycephalae	8	1	10	1
<i>A. pubifolia</i>	Juliflorae	4	4	0	0
<i>A. pulchella</i>					
all vars. except var. <i>pulchella</i>	Pulchellae	49	18	24	20
<i>A. pyenostachya</i>	Juliflorae	1	1	0	0
<i>A. resinomarginea</i>	Juliflorae	8	2	43	10
<i>A. rhodophloia</i>	Juliflorae	70	10	1	0
<i>A. schinoides</i>	Botrycephalae	4	0	10	6
<i>A. sibina</i>	Juliflorae	2	2	0	0
<i>A. signata</i>	Juliflorae	5	5	23	23
<i>A. sparsiflora</i>	Juliflorae	12	12	4	4
<i>A. stowardii</i>	Juliflorae	93	12	5	3
<i>A. sutherlandii</i>	Acacia	3	3	0	0
<i>A. trachycarpa</i>	Juliflorae	62	10	24	2
<i>A. yorkkrakinensis</i>	Juliflorae	2	2	1	1

TAXON	SECTION (Pedley 1978)	HERBARIUM SPECIMENS		LIVING PLANTS	
		Total no. tested	No. HCN positive	Total no. tested	No. HCN positive
<i>A. aff. atkinsiana</i>	Juliflorae	1	1	0	0
<i>A. aff. blakei</i>	Juliflorae	1	1	0	0
<i>A. aff. citrinoviridis</i>	Juliflorae	7	3	7	0
<i>A. aff. kempeana</i>	Juliflorae	3	3	0	0
<i>A. aff. macdonnelliensis</i>	Juliflorae	1	1	0	0
TOTALS		637	207	286	116

11.3% of the individual plants tested were cyanogenic. Cyanogenic glycosides have been isolated and characterized for each of these 25 species except *A. parramattensis*. These results will be discussed in a later paper. Of the remaining 19 species in Table 1 which have been shown from the herbarium survey to be cyanogenic, bulk material of 6 species (*A. atkinsiana*, *A. conniana*, *A. longiphylloidea*, *A. olgana*, *A. pubifolia*, *A. aff. blakei*) has been obtained, shown to be cyanogenic, extracted and the glycosides identified (Conn and Maslin, in preparation). An additional 5 species (*A. burrowii*, *A. kempeana*, *A. lysiphloia*, *A. rhodophloia*, *A. aff. citrinoviridis*) have been field tested but were not cyanogenic. Living material of the remaining 8 species (*A. diphylla*, *A. gonocarpa*, *A. pycnostachya*, *A. sibina*, *A. sutherlandii*, *A. aff. atkinsiana*, *A. aff. kempeana*, *A. aff. macdonnelliensis*) has not been examined.

#### Hydrolyzing enzyme(s)

The cyanogenic species listed in Table 1 were examined for their ability to hydrolyze their cyanogenic compounds (undoubtedly glycosides) in the absence of added emulsin and linamarase. These tests were usually conducted at Davis on material collected in Australia for the purpose of identifying the cyanogens. Therefore, the possibility exists that labile hydrolyzing enzymes may have been inactivated during shipment of plant material to California. Nevertheless, seven species (*A. atkinsiana*, *A. blakei*, *A. deanei* subsp. *paucijuga*, *A. lasiocalyx*, *A. olgana*, *A. schinoides*, *A. stowardii*) rapidly produced HCN in the absence of added enzymes when their tissues were crushed while none of the other species released HCN, or did so only very slowly, unless emulsin was added. After 24 hours many of the species in this latter group yielded weakly positive reactions with Feigl-Anger paper suggesting that they might possess a non-specific  $\beta$ -glucosidase which, with time, can hydrolyze the cyanogens present. They clearly, however, lack a more substrate-specific enzyme capable of rapidly hydrolyzing the contained cyanogenic substrate(s).

As noted earlier (Conn and Maslin 1982), several species (e.g. *A. atkinsiana*, *A. binervia*, *A. caroleae*, *A. cheelii*, *A. signata*) can contain levels of cyanogenic glycosides comparable to those in young shoots of *Sorghum bicolor*, a well-known toxic plant (Conn 1979). Since only a few

*Acacia* species have ever been associated with reports of livestock poisoning in Australia, it is possible that it is the absence of the endogenous catabolic enzymes ( $\beta$ -glucosidases) which has prevented poisoning. It may be noted that two of the species just cited, *A. caroleae* (= *A. doratoxylon* subsp. *angustifolia*) and *A. cheelii*, were species originally associated with livestock poisoning by Finnemore and Gledhill (1928).

### Polymorphism

The results suggest that a number of Australian species of *Acacia* are polymorphic for cyanogenesis. This characteristic has not been widely examined; however, the results of some preliminary studies show that within populations of *A. gracillima*, *A. resinomarginea* and *A. trachycarpa*, the percentage of individuals possessing cyanogenic glycosides varied from 0% to 35%; in *A. signata* on the other hand, all plants tested were cyanogenic (Table 2). The large number of species giving negative reactions to the Feigl-Anger test (Table 1) suggests that polymorphism is widespread in the genus but clearly further studies are required to ascertain the extent of this phenomenon. The only species, besides *A. signata*, for which no negative results have been obtained from the testing of either herbarium specimens or living plants are *A. exilis*, *A. granitica*, *A. lasiocalyx*, *A. sparsiflora* and *A. yorkkrakinensis*.

Table 2. Results of intra-population studies on four species of *Acacia* to determine the incidence of cyanogenesis.

Species	Population number*	Total no. of plants tested	No. of cyanogenic plants detected	% cyanogenesis
<i>A. gracillima</i>	1	15	0	0%
	2	15	1	7%
	3	15	2	13%
<i>A. resinomarginea</i>	1	20	2	10%
	2	20	7	35%
<i>A. signata</i>	1	20	20	100%
<i>A. trachycarpa</i>	1	4	1	25%
	2	7	1	14%

\* *Acacia gracillima* was tested by T. Willing in 1983 from the following localities: population 1 - Mount Bell, King Leopold Range, Kimberley region, W.A.; population 2 - Inglis Gap, King Leopold Range; population 3 - Kimbolton Stn, Kimberley region, W.A. *Acacia resinomarginea* and *A. signata* were tested by M. Bennett in 1983 from populations between Bencubbin and Mukinbudin, south-west W.A. *Acacia trachycarpa* was tested by B.R. Maslin in 1983 from populations near Karratha, Pilbara region, W.A.



## Distribution of cyanogenic species

Maps showing the concentration of Australian cyanogenic species (both described and undescribed) are given in Figures 1, 3 and 4. Table 3 gives the occurrence of these species within the various Australian Bioclimatic areas as defined by Maslin and Hopper (1982). These areas are shown in Figure 2.

From Figure 1 it is seen that there are three main centres of species-richness for cyanogenic Australian acacias. (1) The north-west Arid Zone centred on the rocky tableland area of the Pilbara region in Western Australia. (2) The Southwestern Semi-arid Bioclimatic Region centred on the low sandplains of the northern wheatbelt region in Western Australia. (3) The rocky tablelands of the Great Dividing Range in central-eastern Australia where two nodes of species-richness occur (one centred on the McPherson/Macleay Overlap region (Burbidge 1960) in the south of the Eastern Tropical/Temperate Overlap Bioclimatic Region on the Queensland/New South Wales border and a second further south near Sydney in the north of the Southeastern Temperate Bioclimatic Region). Cyanogenic *Acacia* species are absent or poorly represented in the tropical and subtropical north, the temperate southeast and the extreme southwest of the continent. Except for the Pilbara region and, to a lesser extent, the low rocky tablelands of central Australia, the Arid Zone is poorly represented in cyanogenic *Acacia* species. Within this Zone cyanogenic species are especially scarce in the sandy desert and riverine lowland areas.

Clearly section *Juliflorae* (Figure 4) with its 37 cyanogenic species most strongly influences the generic distribution pattern. This section accounts for the two concentrations of species in Western Australia within the north-western arid and south-western semi-arid areas of that State. The *Botrycephalae* (4 cyanogenic species) serve to accentuate the pattern shown by the *Juliflorae* in the Great Dividing Range of eastern Australia (Figure 3). The *Pulchellae* (1 cyanogenic species) extend cyanogenic acacias into the temperate forest area of south-west Western Australia (Figure 3). Section *Acacia* (2 cyanogenic species) has little effect on the overall generic pattern (Figure 3).

Table 3. Numbers of cyanogenic taxa recorded for Australian Bioclimatic Zones and Regions.

Section	Arid Zone	Tropical Zone					Total	Temperate Zone				Total
		NT	NET	NST	EST	ETT		SWT	SWSA	SESA	SET	
<i>Juliflorae</i>	13(2)	2(1)	(1)	5(2)	3(5)	12(1)	16(3)	8(3)	1(2)	3(2)	11(6)	
<i>Botrycephalae</i>					1	1	1(1)		1	4	4	
<i>Acacia</i>		1		2			2					
<i>Pulchellae</i>								1	1		1	
TOTALS	13(2)	3(1)	(1)	7(2)	4(5)	13(1)	19(4)	1	9(3)	2(2)	7(2)	16(6)

Bioclimatic Zones and Regions follow those given in Figure 2. Where taxa are poorly represented in a zone or region (usually by only one or two grid cells) their occurrence is scored in parentheses. Distribution data are from Maslin and Pedley (1982) and supplemented by unpublished data.

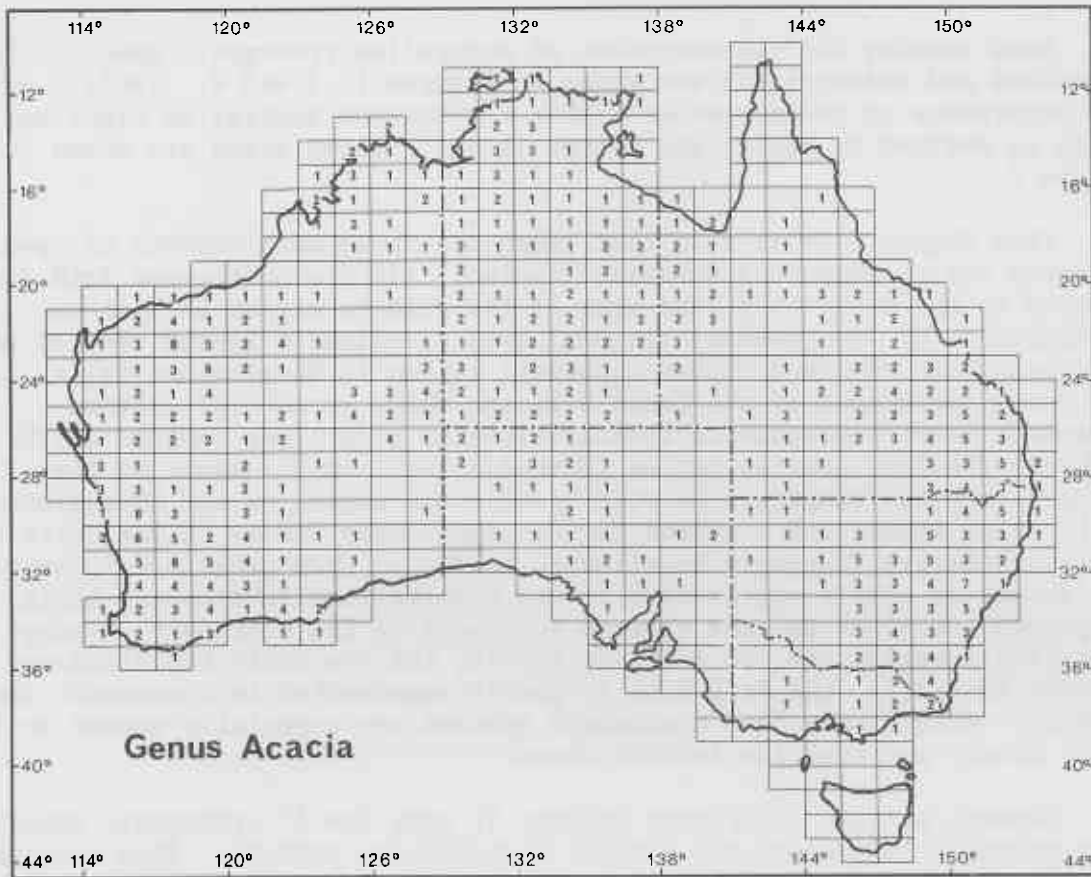


Figure 1. Map showing patterns of species-richness for the 44 cyanogenic species of *Acacia* which are listed in Table 1. Numerals within each 1° x 1.5° grid cell represent the number of cyanogenic species recorded for that cell, however, it should be noted that in the case of *A. pulchella* each cyanogenic variety and variant listed in Appendix 1 is mapped separately (see Figure 3).

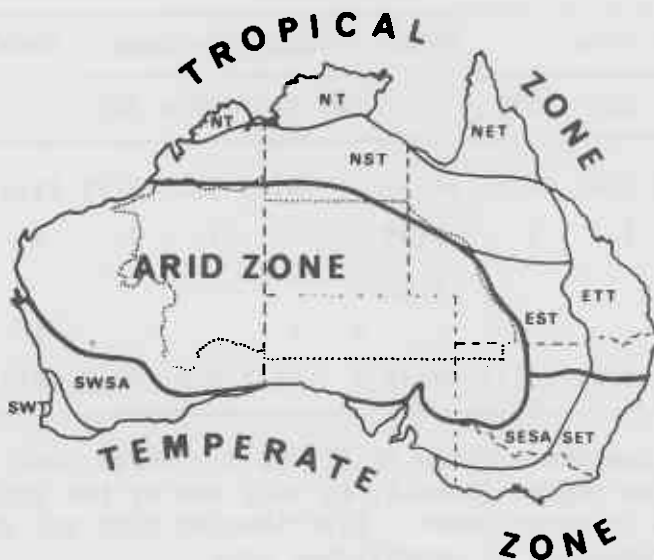


Figure 2. Australian bioclimatic zones (heavy lines) and regions (thin lines) as recognized by Maslin and Hopper (1982). Abbreviations for regions are: TROPICAL ZONE: NT, northern tropical; NET, north-eastern tropical; NST, northern subtropical; EST, eastern subtropical; ETT, eastern tropical/temperate overlap. TEMPERATE ZONE: SWSA, southwestern semi-arid; SESA, southeastern semi-arid; SWT, south-western temperate; SET, southeastern temperate.

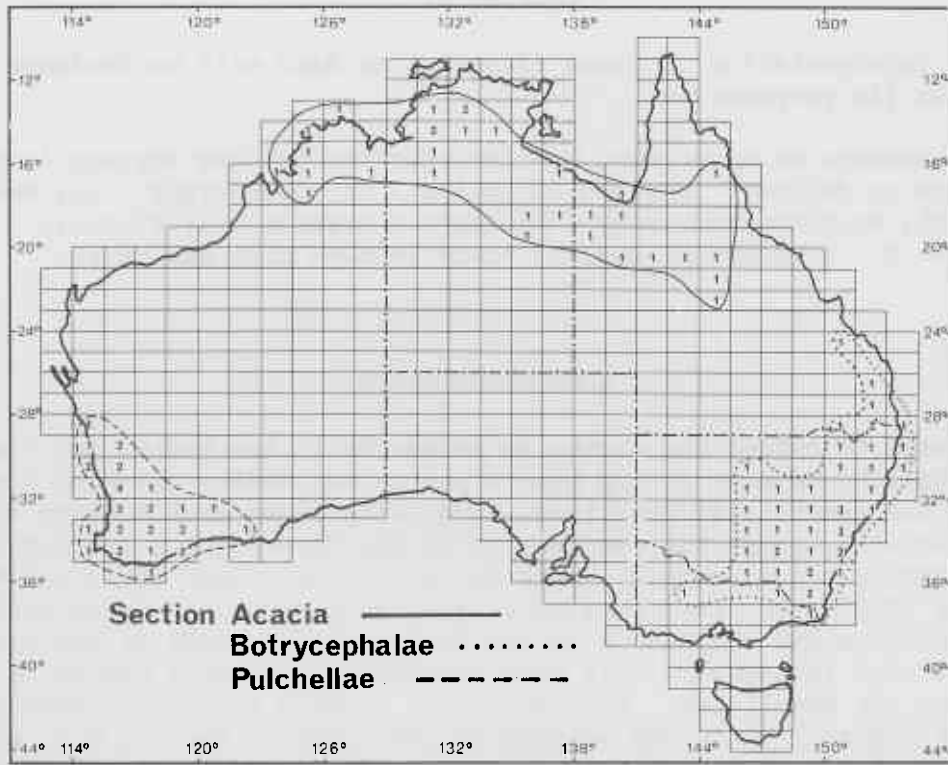


Figure 3. Map showing patterns of species-richness for the cyanogenic species of *Acacia* section *Acacia*, section *Pulchellae* and *Botrycephalae* which are listed in Table 1. Numerals within each 1° x 1.5° grid cell represent the number of cyanogenic species recorded for that cell except for *A. pulchella* where each cyanogenic variety and variant listed in Appendix 1 is treated as a separate mapping unit.

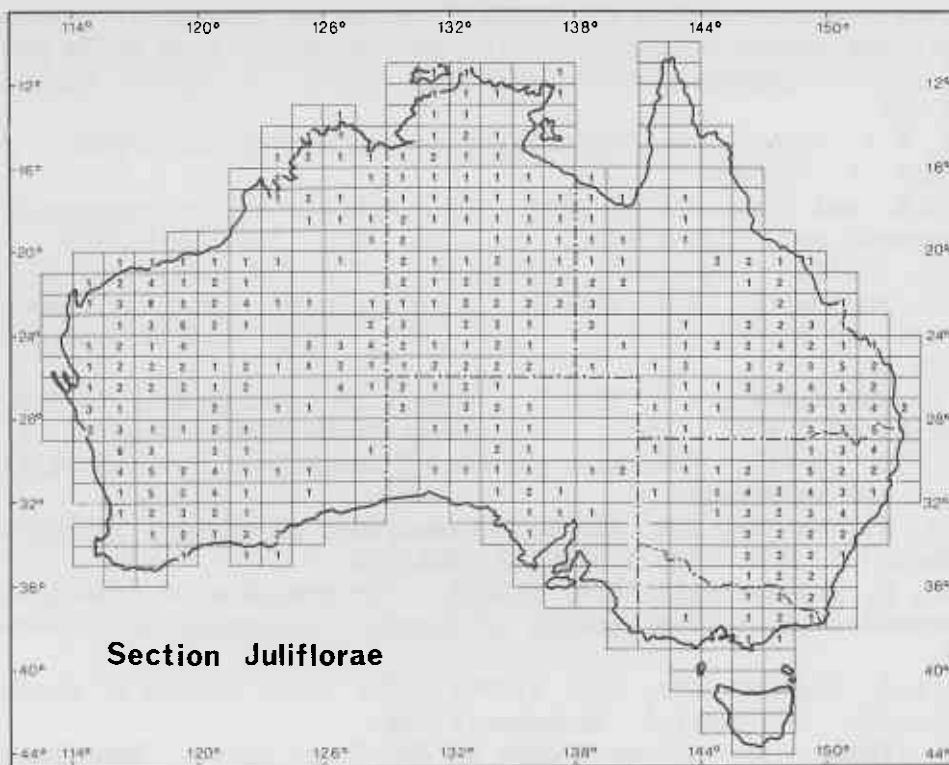


Figure 4. Map showing patterns of species-richness for the cyanogenic species of *Acacia* section *Juliflorae* listed in Table 1. Numerals within each 1° x 1.5° grid cell represent the number of cyanogenic species recorded for that cell.

The interpretation of these distribution data will be included in Conn and Maslin (in preparation).

The numbers of cyanogenic species recorded for the various Australian States are as follows: Western Australia - 24; Queensland - 16; New South Wales - 15; Northern Territory - 9; South Australia - 3; Victoria - 2; Tasmania - 0. A number of species occur in more than one State.

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## APPENDIX 1

Herbarium specimens of Australian *Acacia* species  
tested for cyanogenic glucosides

Described species are arranged alphabetically. Un-named taxa in which HCN positive specimens were detected are listed immediately following the described species; the remaining un-named specimens are listed alphabetically by collector; each un-named taxon or specimen is referred to its appropriate section (using Pedley's 1978 classification) and is identified by collector or institution number but if neither number was available the date of collection is given. Abbreviations for *Acacia* sections are as follows: A - *Acacia*, J - *Juliflorae*, Ph - *Phyllodineae*, Pl - *Plurinerves*. Specimens and taxa giving a positive response for cyanide (using the Feigl-Anger method) are marked with an asterisk (\*). See text regarding the listing of infraspecific taxa. Abbreviations for herbaria are given in Index Herbariorum, Part 1, ed. 7 (1981).

- A. *abbreviata*  
Maconochie, J.R. 1099 (BRI); Maconochie, J.R. 1726 (PERTH).
- A. *abrupta*  
Chippendale, G. NT6277 (BRI); Henshall, J.S. 2810 (PERTH)
- A. *acanthoclada*  
George, A.S. 12194 (PERTH); Tindale, M.D. 3741 (BRI); Wilson, P.G. 1568 (UCB).
- A. *acellerata*  
Roethke, J. 3806 (PERTH).
- A. *acinacea*  
Chippendale, G. and Constable, E.F. NSW37467 (UCB); Copley, B. 3301 (PERTH); Donner, N.N. 807 (UCB); Hall, N. H80/31 (PERTH); Hill, R. s.n., 1957 (UCB1325246); Lebler, B.A. s.n. (BRI195959); Whibley, D.J.E. 3631 (PERTH); White, C.T. 7906 (BRI); Wilson, P.G. 1933 (UCB).
- A. *aciphylla*  
Beard, J.S. 7211 (PERTH); Gittens, C.H. 1546 (BRI).
- A. *acradenia*  
Forde, N. 811 (BRI); Goble-Garrett, E.M. 91 (PERTH); Maslin, B.R. 2100 (BRI); Scarth-Johnson, V. 574 (BRI); Wilson, P.G. 10537 (PERTH)
- A. *acuaria*  
Beard, J.S. 7944 (PERTH); Tindale, M.D. 3731 (BRI).
- A. *aculeatissima*  
Audas, J.W. s.n. 1927 (UCB343631); Constable, E.F. 5389 (PERTH); Coveny, R. 5797 and Armstrong, J. (UCB); Kilgour, R.A. 71 (BRI).
- A. *acuminata*  
Burbidge, N.T. 3656 (BRI); Burbidge, N.T. 4921 (BRI); Burbidge, N.T. 4938 (BRI); Haegi, L. 954 (PERTH); Pedley, L. 857 (BRI); Phillips, G. for Ashby, A.M. 4025 (UCB); Smith, R.V. 66/524 (BRI); Wilson, E.H. s.n., 22 Nov. 1920 (UCB347565).
- A. *acutata*  
Jackson, E.N.S. 3379 (PERTH).
- A. *acutifolia*  
Gressitt, L. 3642 (BRI).
- A. *adnata*  
Maslin, B.R. 4980 (PERTH).
- A. *adoxa* var. *adoxa*  
George, A.S. 15368 (PERTH); Lazarides, M. 6251 (BRI); Maloney, B. 73/73 (BRI)

- A. adoxa* var. *subglabra*  
Kenneally, K.F. 5673 (PERTH); Maslin, B.R. 2690 (BRI).
- \**A. adsurgens*  
Goble-Garrett, E.M. 87 (\*PERTH); Knox, J.R. 700814 (\*PERTH); Maslin, B.R. 4613 (\*BRI); Pedley, L. 2120 (BRI).
- A. adunca*  
Althofer, G.W. s.n. (PERTH); Clemens, M.S. 44716 (UCB); Constable, E.F. 7089 (UCB); Constable, E.F. NSW31916 (UCB); Coveny, R. 2412 (PERTH); Coveny, R. and Slade, C. 1914 (UCB); Dobb, B.C. 150 (BRI); Everist, S.L. 7032 (BRI); Ovenden, P. per Floyd, A.G. 873 (BRI); Pedley, L. 311 (BRI); Perry, R. 101 (PERTH).
- A. aestivalis*  
Maslin, B.R. 4143 (PERTH).
- A. alata*  
White, C.T. 5332 (BRI).
- A. alata* var. *alata*  
Ashby, A.M. 4325B (PERTH); Chapman, C. s.n., 9 July 1978 (PERTH); Cumming, R.J. 829 (PERTH); Cumming, R.J. 971 (PERTH); Curry, S. 25-6 (PERTH); George, A.M. 145 (PERTH); Griffin, E.A. 1490 (PERTH); Lange, R.T. 93 (PERTH); Maslin, B.R. 4176 (PERTH); Seletull(?), W.A. and C.B. s.n. 1927 (UCB312338); Simmons, M. 488 (PERTH); Story, R. 8250 (PERTH).
- A. alata* var. *biglandulosa*  
Ashby, A.M. 1496 (PERTH); Burns, A.C. s.n., July 1964 (PERTH); Coveny, R. 3049 (PERTH).
- A. albizioides*  
No specimen tested.
- A. alleniana*  
Henry, N.M. 794 (PERTH).
- A. alpina*  
de Beuzeville, W.A.V.J. s.n., 1922 (UCB862094); Johnson, L.A.S. 7303 (PERTH); Pickard, J. and Coveny, R. 2813 (UCB); Willis, J.H. s.n. (BRI 166941)
- A. amblygona*  
Armitage, I.B. 816 (PERTH); Constable, E.F. NSW38496 (UCB); Gordon, D.M. 311 (BRI), White, C.T. 3498 (BRI).
- A. amblyophylla*  
Maslin, B.R. 3696B (PERTH).
- A. amentifera*  
Henshall, T.S. 1653 (BRI).
- A. ammobia*  
Maconochie, J.R. 1832 (PERTH); Ulyatt, L. 121 (BRI).
- A. ammophila*  
Boyland, D.E. 2901 (PERTH); Everist, S.L. 7494 (BRI).
- A. amoena*  
Constable, E.F. NSW35022 (UCB); Coveny, R. 2290 (PERTH); White, C.T. 8448 (BRI).
- A. ampliceps*  
Maslin, B.R. 4907 (PERTH).
- A. anarthros*  
Maslin, B.R. 4347 (PERTH).
- A. anastema*  
Ashby, A.M. 4610 (PERTH).
- A. anatriceps*  
Lullfitz, F. NSW106771 (UCB); Mitchell, A.S. 1178 (PERTH).
- A. anceps*  
Maiden, J.H. s.n. (BRI166992).
- A. anceps* var. *angustifolia*  
Weston, A.S. 8932 (PERTH).

- A. ancistrocarpa*  
Breen, J.G. 29 (BRI); Everist, S.L. 1691 (BRI); Maconochie, J.R. 1171 (BRI); Maslin, B.R. 4598 (PERTH).
- A. ancistrocarpa* x *trachycarpa*  
Burbidge, N.T. 1134 (PERTH); Maslin, B.R. 2743 (PERTH); Maslin, B.R. 5252 (PERTH).
- A. ancistrophylla*  
Newbey, K. 6078 (PERTH).
- A. andrewsii*  
Ashby, A.M. 3789 (UCB); Maslin, B.R. s.n., 21 Aug. 1973 (PERTH).
- A. aneura*  
Clemens, M.S. s.n., 1945 (UCB M089277); Copley, B. 3840 (UCB); Davidson, D. 14 (PERTH); Pedley, L. 388 (BRI); Pedley, L. 4214 (BRI); Silcock, R.G. s.n. (BRI167076).
- A. anfractuosa*  
Coveny, R. 8403 (PERTH); Waite, J. 4075 (BRI).
- A. angusta*  
Hall, N. H78/70 (PERTH); Martensz, P.N. 1057 (BRI).
- A. anomala*  
Dell, B. s.n., 9 Sept. 1980 (PERTH).
- A. aphylla*  
George, A.S. 6773 (BRI); Green, J.W. 4895 (PERTH).
- A. aprepta*  
Beeston, G.R. 1219C (BRI); Hockings, F.D. 6 (BRI).
- A. araneosa*  
Whibley, D.J.E. 3888 (PERTH).
- A. argutifolia*  
Cumming, R.J. 1058 (PERTH).
- A. argyraea*  
Brass, L. 63 (BRI); Weston, A.S. 12249 (PERTH).
- A. argyrodendron*  
Althofer, G.W. 417 (BRI); Hall, N. H79/33 (PERTH); Story, R. and Yapp, G. 156 (BRI).
- A. argyrophylla*  
Phillips, M.E. 372 (BRI); Whibley, D.J.E. 3765 (PERTH).
- A. arida*  
Hartley, T.G. 14569 (PERTH); Maslin, B.R. 4765 (BRI).
- A. arrecta*  
Black, R.F. s.n., 30 April 1975 (PERTH); Lethbridge, L.L. s.n. (BRI361821).
- A. ashbyae*  
Chapman, C. s.n., 11 Sept. 1979 (PERTH); Tindale, M.D. 2757 (BRI, UCB).
- A. asparagoides*  
Coveny, R. 2912 (BRI, PERTH).
- A. aspera*  
Beauglehole, A.C. 50000 (BRI); Hall, N. H79/86 (PERTH).
- A. asperulacea*  
Lazarides, M. 8519 (BRI); Pedley, L. 1080 (BRI).
- A. assimilis*  
Maslin, B.R. 1775 (BRI); Newbey, K. 6384 (PERTH).
- A. ataxiphylla*  
Maslin, B.R. 2614 (PERTH).
- \**A. atkinsiana*  
Dawe, C. M154 (\*PERTH); Trudgen, M.E. 2503 (BRI).
- A. attenuata*  
Clemens, M.S. s.n., 1948 (UCB M089280); Pedley, L. s.n. (BRI167503); White, C.T. 9197 (BRI).



- A. aulacocarpa*  
Bateman, W. 14 (BRI); Blake, S.T. 2324 (BRI); Brass, L.T. 33536 (BRI); Clemens, M.S. s.n. (BRI167599); Coveny, R. 2183 (UCB); Everist, S.L. 5140 (BRI); Francis, W.D. s.n. (BRI167569); Golding, B. s.n. (BRI167572); Henderson, E.R. 3018 (BRI); Irvine, A.K. 137 (BRI); Kajewski, S.F. 85 (BRI); Kenneally, K.F. 4055 (PERTH); McKey, D. 104 (BRI); Nicholson, D.I. 5084 (BRI); Paijmans, K. 2838 (BRI); Pedley, L. 677 (BRI); Pedley, L. 950 (BRI); Pedley, L. s.n. (BRI167576); Petherain, R.J. 268W (BRI); Smith, L.S. 1224Z (BRI); Sruve, G.H. s.n. (BRI167517); Streimann, H. 51706 (BRI); Tracey, J.G. and Webb, L.J. 9924 (BRI); Tracey, J.G. and Webb, L.J. 11113 (BRI); Tracey, J.G. and Webb, L.J. 12601 (BRI); White, C.T. 8038 (BRI); White, K.J. s.n. (BRI167567).
- A. auricoma*  
George, A.S. 12094 (PERTH); Henshall, T.S. 2146 (BRI).
- A. auriculiformis*  
Blake, S.T. 16691 (BRI); Clarkson, J.R. 3320 (BRI); Coveny, R. 7035 and Hind, P. (UCB); Furtado, C.X. s.n. (BRI167704); Havel, J.J. 17405 (BRI); Hyland, B. 5201 (BRI); Kiah, S.B. 5.324 (PERTH); Kumul, M. 36269 (BRI); Pedley, L. 2079 (BRI); Wheelwright, D. 32 (BRI).
- A. auronitens*  
Cumming, R.J. 1075 (PERTH).
- A. ausfeldii*  
Armitage, I.B. 990 (PERTH); Tindale, M.D. 730 (BRI).
- A. axillaris*  
No specimen tested.
- A. ayersiana*  
Maconochie, J.R. 1928 (PERTH); Maconochie, J.R. 2536 (BRI).
- A. baeuerlenii*  
Coveny, R. 4978 (UCB); Ward, G. 244 (BRI).
- A. baileyana*  
Corrick, M.G. 7469 (BRI); Hall, N. H79/87 (PERTH); Hoogland, R.D. 8554 (UCB); Parsons, R. s.n. (BRI269463).
- A. bakeri*  
Armitage, I.B. 772 (PERTH); Jessup, L. s.n. (BRI330838); White, C.T. s.n. (BRI167749).
- A. bancroftii*  
Blake, S.T. 11162 (BRI); Blake, S.T. 20007 (BRI); Gittons, C.T. 450 (BRI); Hockings, F.D. s.n. (BRI167770); May, A. 23 (BRI); Telford, I.R. 5839 (PERTH).
- A. barattensis*  
Whibley, D.J.E. 4447 (BRI); Whibley, D.J.E. 4454 (PERTH).
- A. barbinervis*  
Fitzgerald, W.V. s.n. (BRI167844); Johnson, D.P. 11017 (PERTH).
- A. barringtonensis*  
Pickard, J. 415 (UCB); Telford, I.R. 2843 (PERTH).
- A. basedowii*  
Henshall, J.S. 167 (PERTH).
- A. bauerii*  
Bruden, I. and Coveny, R. 3385 (UCB).
- A. baueri* subsp. *baueri*  
Coveny, R. 4592 (PERTH).
- A. baueri* subsp. *aspera*  
Coveny, R. 3385 (BRI).
- A. baxteri*  
Kenneally, K.F. s.n., 2 Feb. 1971 (PERTH); Maslin, B.R. 4182 (PERTH).
- \**A. beauverdiana*  
Beard, J.S. 8143 (\*PERTH); Donner, N.N. 1380 (\*PERTH, \*UCB); Gardner, C.A. s.n., 29 Sept. 1931 (\*PERTH); Haegi, L. 1217 (\*PERTH); Maslin, B.R. 2298 (\*PERTH); Maslin, B.R. 3936 (\*PERTH); Muir, B.G. 120 (\*PERTH);

- Newbey, K. 1044 (\*PERTH); Newbey, K. 1633 (\*PERTH); Tindale, M.D. 3729 (\*PERTH); Whibley, D.J.E. 3352 (\*PERTH).
- A. beckleri*  
Briggs, B.G. and de Nardi, J. 2761 (BRI); Phillips, M.E. s.n., June 1967 (PERTH); Scougal, J. NSW11626 (UCB).
- A. benthamii*  
Butler, W.H. s.n., Sept. 1975 (PERTH).
- A. betchei*  
Constable, E.F. 1163 (UCB); Jones, W.T. s.n. (BRI167879); Tindale, M.D. s.n., 5 Jan. 1969 (PERTH).
- A. bidentata*  
Maslin, B.R. 4003 (PERTH); Tindale, M.D. 3779 (BRI, UCB).
- A. bidwillii*  
Dunlop, C. 4023 (BRI); Irvine, A. 84 (BRI); Lazarides, M. 6959 (BRI); Maconochie, J.R. 2660 (BRI); Parker, M. 508 (BRI); Young, P. 421 (BRI).
- A. biflora*  
Ashby, A.M. 4481 (BRI); Maslin, B.R. 3524A (PERTH).
- A. binata*  
Maslin, B.R. 4770 (PERTH).
- A. binervata*  
Coveny, R. 2948 (PERTH); Hockings, D. s.n. (BRI167920).
- \**A. binervia*  
Coveny, R. 4102 and Bisby, R. (\*UCB); Coveny, R. 4616 (\*PERTH, \*UCB); Story, R. 7133 (\*BRI).
- A. bivenosa*  
Chippendale, G. NT651 (BRI); Cole, M. 9092 (BRI); Gittins, C.H. 1432 (BRI); Gittins, C.H. 1465 (BRI); Maslin, B.R. 4734A (BRI); Trudgen, M.E. 390 (PERTH); Weston, A.S. 10837 (PERTH).
- \**A. blakei*  
Anderson, A.R. 2235 (BRI); Coveny, R. 1945 (BRI); Coveny, R. 5731 and Lander, N. (BRI, \*UCB); Coveny, R. 6835 and Hind, P. (\*BRI, \*UCB); Gittins, C.T. 2752 (BRI); Pedley, L. 1155 (BRI); Pedley, L. 2806 (BRI); Pedley, L. 4001 (\*BRI); Pedley, L. 4105 (\*BRI); Pedley, L. 4124 (BRI); Pedley, L. 4163 (\*BRI); Sharpe, P.R. and Lebler, B. 2404 (\*BRI).
- A. blakelyi*  
Ashby, A.M. 3844 per Phillips, G. (UCB); Maslin, B.R. 5081 (PERTH); Pedley, L. 2376 (BRI).
- A. boormanii*  
Beaughlehole, A.C. and Rogers, K.C. 33833 (BRI); Constable, E.F. 5375 (UCB); Maslin, B.R. 3751 (PERTH).
- A. botrydion*  
Maslin, B.R. 4547 (PERTH).
- A. brachybotrya*  
Copley, B. 2395 (PERTH); Eichler, H.J. 14142 (UCB); Hall, N. H80/110 (PERTH); Short, P.S. 1292 (BRI).
- A. brachycarpa*  
Ward, G. 242 (BRI).
- A. brachyclada*  
Maslin, B.R. 4454 (PERTH).
- A. brachyphylla*  
George, A.S. s.n., 7 Sept. 1976 (PERTH); Newbey, K. 1362 (PERTH); Newbey, K. 3231 (PERTH); Tindale, M.D. 3715 (BRI).
- A. brachystachya*  
Blackall, W.E. 65 (PERTH); Purdie, R.W. 6698 (BRI); Silcock, R.G. s.n. (BRI168041); White, C.T. 11851 (BRI).
- A. brassii*  
Coveny, R. 7046 (PERTH); Hyland, B. 5488 (BRI); Pedley, L. 1892 (BRI); Tracey, J.G. and Webb, L.J. 13561 (BRI).

- A. browniana*  
 Cumming, R.J. 876 (PERTH); Cumming, R.J. 910 (PERTH); Haberley, B. 448 (PERTH); Helms, S. 1398 (UCB); Keighery, G.J. 3453 (PERTH); Maslin, B.R. 665 (PERTH); Maslin, B.R. 2864 (BRI); Maslin, B.R. 4396 (PERTH); Maslin, B.R. 4400 (PERTH); W[ebb], L.J. 2907 (BRI).
- A. brownii*  
 Constable, E.F. 5099 (PERTH).
- A. brunioides*  
 Armitage, I.B. 774 (PERTH); Coveny, R. 5689 and Lander N. (UCB), Telford, I.R. 3147 (BRI); Telford, I.R. 3216 (BRI).
- A. burbridgeae*  
 Hall, N. H78/34 (PERTH); Smith, L.S. 6423 (BRI).
- A. burkittii*  
 Briggs, B.G. 2695 (BRI); Henderson, H. 45 (PERTH); Orchard, A.E. 2097 (UCB).
- \**A. burrowii*  
 Coveny, R. 2300 (PERTH, UCB); Hall, N. H78/23 (\*PERTH); Johnson, R.W. 2695 (BRI); Jones, R. 178 (BRI); Pedley, L. 503 (BRI); Pedley, L. 860 (BRI); Pedley, L. 904 (\*BRI); Pedley, L. 3040 (BRI); Pedley, L. s.n. (BRI168138); Simmons, J. and M. 780 (BRI); Williams, K. 23 (BRI).
- A. buxifolia*  
 Coveny, R. 4159 (UCB); Hoogland, R.D. 8558 (UCB); Simmons, J. and M. s.n., Sept. 1979 (PERTH).
- A. buxifolia* subsp. *pubifolia*  
 Blaxell, D.F. 1461 (BRI); Coveny, R. 6644 (BRI).
- A. bynoeana*  
 Blakely, W.F. NSW4976 (UCB); Coveny, R. 4089 (PERTH).
- A. caesiella*  
 Constable, E.F. 4000 (UCB); Pedley, L. 1635 (BRI); Simmons, J. and M. 1433 (PERTH).
- A. calamifolia*  
 Eichler, H. and Thorne, R.F. 24740 (BRI); Hall, N. H80/43A (PERTH); Whibley, D.J.E. 5743 (UCB).
- A. calantha*  
 Cockburn, L. s.n. (BRI015471).
- A. calcarata*  
 No specimen tested.
- A. calcicola*  
 Armitage, I.B. 946 (PERTH); Everist, S.L. 7522 (BRI); Everist, S.L. 7844 (BRI); Ising, E.H. 3924 (UCB).
- A. calyculata*  
 Dockrill, A.W. 646 (BRI); Hyland, B. 948 (BRI); Pedley, L. 2629 (PERTH); Tracey, J.G. and Webb, L.J. 11136 (BRI); Tracey, J.G. and Webb, L.J. 13548 (BRI).
- A. cambagei*  
 Arkley Smith, J. s.n. (BRI168358); Boorman, J.L. s.n., 1912 (UCB489602); Boyle, A.C. s.n. (BRI168335); Everist, S.L. 1810 (BRI); Everist, S.L. 3562 (BRI); Everist, S.L. 3770 (BRI); George, A.S. 13415 (PERTH); Hall, N. H74/56 (BRI); Holmes, D.E. s.n. (BRI569312); Johnson, R.W. 3046 (BRI); Lazarides, M. 4099 (BRI); Pedley, L. 1109 (BRI); Pedley, L. 1115 (BRI); Perry, R.A. 5553 (BRI); Smith, L.S. 10284 (BRI); Simmons, J. and M. 1065 (PERTH); Tracey, J.G. and Webb, L.J. 11092 (BRI); Trapnell, G. E10 (BRI); Trapnell, G. E2(?) (BRI).
- A. camptoclada*  
 Chimnock, R.J. 3020 (PERTH); Tindale, M.D. 34 (BRI).
- A. campylophylla*  
 Paust, S. 1005 (PERTH).

- A. cana*  
Armitage, I.B. 905 (PERTH); Hitchcock, P., NSW106277 (BRI); Johnson, L.A.S. and Constable, E.F. NSW31422 (UCB).
- A. cardiophylla*  
Constable, E.F. 7274 (BRI); Coveny, R. 2547 (BRI, PERTH).
- A. carnei*  
Pickard, J. 2346 (BRI); Pickard, J. 2347 (UCB).
- \**A. caroleae*  
Coveny, R. 2095 (\*PERTH); Coveny, R. 2313A (\*BRI); Gittins, C.H. 431 (\*BRI); Gittins, C.H. T2 (BRI); Hall, N. H78/31 (\*PERTH); Hull, M. s.n. (\*BRI169946); Johnson, R.W. 2492 (BRI); Pedley, L. 4023 (\*BRI); Sharpe, P. and Hockings, F.D. 600 (\*BRI); Stephens, I. s.n. (\*BRI169945); Williams, K.A.W. 77098 (\*BRI).
- A. catenulata*  
Beale, I. s.n. (BRI168482); Everist, S.L. 5935 (BRI); Pedley, L. 2840 (BRI); Simmons, J. and M. 1073 (PERTH); Story, R. and Yapp, G. 257 (BRI).
- A. cedroides*  
Cumming, R.J. 1062 (PERTH); Tindale, M.D. 3842 (BRI).
- A. celastrifolia*  
Saffrey, R.A. 1788 (PERTH).
- A. centrinervia*  
Shirley, J. s.n. (BRI363935).
- A. chalkeri*  
Constable, E.F. 4105 (BRI); Coveny, R. 6098 et al. (UCB).
- \**A. cheelii*  
Armitage, I.B. 1006 (\*PERTH); Boorman, J.L. s.n., 1914 (\*UCB489632); Story, R. 6956 (\*BRI).
- A. chinchillensis*  
Perry, R. 72 (PERTH); Simmons, J. and M. 905 (BRI).
- A. chippendalei*  
Maloney, B. 15 (BRI); Ollerenshaw, P. 1258 (BRI); Willis, J.H. s.n., 10 June 1974 (PERTH).
- A. chisholmi*  
Blake, S.T. 17826A (BRI); Everist, S.L. 3858 (BRI); Gittins, C.H. 713 (BRI); Lazarides, M. 4001 (PERTH); Lazarides, M. 4386 (PERTH); Maconochie, J.R. 1635 (PERTH); Maconochie, J.R. 1638 (BRI); Speck, N.H. 4489 (PERTH); Speck, N.H. 4526 (PERTH); Tracey, J.G. and Webb, L.J. 11083 (BRI).
- A. chrysella*  
Maslin, B.R. 4142 (PERTH).
- A. chrysocephala*  
Maslin, B.R. 3854 (PERTH).
- A. chrysochaeta*  
Maconochie, J.R. 1294 (BRI).
- A. chrysopoda*  
Haegi, L. 1203 (PERTH).
- A. chrysotricha*  
Floyd, A. 766 (BRI); Floyd, A. s.n., 20 July 1961 (PERTH).
- A. cincinnata*  
Hyland, B. 3027 (BRI).
- A. citrinoviridis*  
Beard, J.S. 6089 (PERTH); Blockley, J.V. 203 (PERTH); Brockway, G.E. 10 (PERTH); Brockway, G.E. s.n., May 1952 (PERTH); Brooker, M.I.H. 2071 (PERTH); Chapman, C. s.n., 4 Sept. 1974 (PERTH); Cole, M. 5115 (PERTH); Lullfitz, F. 6167 (PERTH); Maslin, B.R. 2764A (PERTH); Maslin, B.R. 4594 (PERTH); Maslin, B.R. 4617 (PERTH); Maslin, B.R. 5018 (PERTH); Melville, G. s.n., 1928 (PERTH); Mitchell, A.A. 76/68 (PERTH); Robinson, A. s.n.,

- Sept. 1909 (PERTH); Robinson, S. s.n., Sept. 1959 (PERTH); Scott, G. and E. s.n., 1971 (PERTH); Trudgen, M.E. 1077 (BRI); Trudgen, M.E. 2345 (PERTH); Trudgen, M.E. 2389 (PERTH); Weston, A.S. 10841 (PERTH); Weston, A.S. 10858 (PERTH).
- A. cliftoniana*  
Maslin, B.R. 4204 (PERTH).
- A. clunies-rossiae*  
Constable, E.F. 5654 (PERTH, UCB); Rodd, A. 504 (BRI).
- A. cochlearis*  
Ashby, A.M. 4314 (PERTH, UCB); Maslin, B.R. 2810 (BRI).
- A. cochlocarpa*  
Chapman, C. 4 (PERTH); Kuchel, R.H. 2106 (UCB).
- A. cognata*  
Coveny, R. 2921 (PERTH).
- A. colletioides*  
Constable, E.F. NSW37474 (UCB); Maslin, B.R. 1840 (BRI); Maslin, B.R. 2421 (PERTH).
- A. comans*  
Wemm, A.C. 1616A (PERTH).
- A. cometes*  
Newbey, K. 6857 (PERTH); Maslin, B.R. 4769 (PERTH).
- A. complanata*  
Boyd, H. NSW78393 (UCB); Coveny, R. 2199 (BRI); Coveny, R. 3511 (PERTH); Coveny, R. 6822 (BRI); Henderson, R.J. et al. 966 (BRI); Johnson, R.W. 1405 (BRI); Kennedy, F.H. s.n. (BRI168722); Roff, C. s.n. (BRI296934); Young, J.E. s.n. (BRI168689).
- A. concurrens*  
Armitage, I.B. 809 (PERTH); Pedley, L. 1384 (BRI); Sharpe, P.R. 2594 (BRI); White, C.T. 886 (UCB).
- A. conferta*  
Boylard, D.E. 1545 (BRI); Byrnes, N. 3564 (BRI); Constable, E.F. 7132 (UCB); Hall, N. H78/18 (PERTH); Jones, W.T. s.n. (BRI168816); Smith, L.S. 6428 (BRI); Smith, L.S. 10245 (BRI).
- A. confluens*  
Kuchel, R.H. 3185 (PERTH).
- A. congesta*  
Ashby, A.M. 2514 (BRI); Demarz, H. 5871 (PERTH); Newbey, K. 4233 (BRI); Tindale, M.D. 2686 (UCB).
- A. conjunctifolia*  
Byrnes, N. 2779 (BRI); Maconochie, J.R. 2037 (PERTH).
- \**A. conniana*  
Coveny, R. 2922 (BRI, UCB); Hnatiuk, R. 761177 (\*PERTH); Jackson, E.N.S. 1241 (\*PERTH); Jackson, E.N.S. 1314 (\*PERTH); Orchard, A.E. 1105 (\*PERTH); Saffrey, R.A. 1369 (\*PERTH); Wilson, P.G. 3079 (\*PERTH)
- A. conspersa*  
Adams, L.G. 2786 (BRI); Latz, P.K. 7258 (PERTH).
- A. constablei*  
Constable, E.F. 5444 (BRI, PERTH).
- A. continua*  
Corrick, M.G. 7290 (BRI); Whibley, D.J.E. 5569 (PERTH).
- A. coolgardiensis*  
Gorden, D. 3000 (BRI); Maslin, B.R. 5063 (PERTH).
- A. coriacea*  
Boomsma, C.D. 22 (UCB); Forde, N.B. 8 (BRI); McGillivray, D.J. 2897 (BRI); Ollershaw, P. 1099 (BRI); Smith, L.S. and Everist, S.L. 231 (BRI); Smith, L.S. 6419 (BRI); Stränger, R.S. s.n. (BRI168898); Walker, K. 197 (PERTH); Walker, L.G. s.n. (BRI168894); White, C.T. 11822 (BRI).

- A. costata*  
Maslin, B.R. 2999 (PERTH).
- A. costiniana*  
Coveny, R. 6333 (BRI); Coveny, R. 6582 et al. (PERTH).
- A. covenyi*  
Coveny, R. and Rodd, A.N. 5971 (BRI).
- A. cowleana*  
Everist, S.L. 4070 (BRI); Forde, N. 254 (BRI); Goble-Garrett, E.M. 248 (PERTH); Mason, K. s.n. (BRI114101); Pedley, L. 847 (BRI); Pedley, L. 2025 (BRI).
- A. craspedocarpa*  
Cumming, R.J. 1134 (PERTH); Everist, S.L. 9149 (BRI).
- A. crassa*  
Coveny, R. 2414 (UCB); Coveny, R. 5205 (BRI); Hall, N. H78/58 (PERTH); Simmons, M. 32 (BRI).
- A. crassicarpa*  
Hall, N. H79/20 (PERTH); Tucker, R. AP17 (BRI).
- A. crassistipula*  
Maslin, B.R. 3237 (BRI, PERTH).
- A. crassiuscula*  
Cumming, R.J. 1063 (PERTH); Phillips, G. 96 (BRI).
- A. crassuloides*  
Maslin, B.R. 2453 (PERTH).
- A. cretata*  
Hall, N. H78/60 (PERTH); Pedley, L. 4089 (BRI).
- A. crispula*  
No specimen tested.
- A. crombei*  
Walker, L.G. s.n. (BRI015418).
- A. cultriformis*  
Constable, E.F. 7297 (BRI); Constable, E.F. NSW33638 (UCB); Hall, N. H78/7 (PERTH).
- A. currani*  
Perry, R. 111 (PERTH); Pickard, J. 2555 (BRI); Pickard, J. 3508 (UCB).
- A. curvata*  
Maslin, B.R. 3909 (PERTH); Tindale, M.D. 3815 (BRI).
- A. curvicarpa*  
No specimen tested.
- \**A. curvinervia*  
Armitage, I.B. 913 (\*PERTH); Champion, I. 6 (BRI); Clarkson, J.R. 248 (\*BRI); Cockburn, L.H. 49 (\*BRI); Greenfield, R.G. 013 (\*BRI); Johnson, R.W. 1859 (BRI); Smith, L.S. 4609 (\*BRI).
- A. cuspidifolia*  
Demarz, H. 7652 (PERTH).
- A. cuthbertsoni*  
Hockings, F.D. 150 (BRI); Maconochie, J.R. 2502 (PERTH); Mitchell, A.A. 237 (PERTH); Pedley, L. 844 (BRI); Wilson, P.G. 2441 (UCB).
- A. cyclops*  
McKenzie, N. 129 (PERTH); Pedley, L. 2396 (BRI); Sauer, J.D. 3616 (UCB).
- A. cyperophylla*  
Maslin, B.R. 5014 (PERTH); Shield, J. s.n. (BRI169153).
- A. dacrydioides*  
Dunlop, C.R. 5373 (PERTH); Maconochie, J.R. 1256 (BRI).
- A. dallachiana*  
Coveny, R. 5401 (UCB); Willis, J.H. s.n. (BRI169168).
- A. daviesioides*  
Maslin, B.R. 4973 (PERTH).

- A. dawsonii*  
Maslin, B.R. 4628 (PERTH).
- A. dawsonii*  
Coveny, R. 4194 (UCB); Pullen, R. 2900 (BRI); Simmons, J. and M. 1430 (PERTH).
- A. dealbata*  
Constable, E.F. s.n., 31 March 1960 (PERTH); Maslin, B.R. 3979 (PERTH);  
Millar, A.N., NGF23636 (BRI).
- A. deanei*  
Coveny, R. 2375 (UCB).
- A. deanei* subsp. *deanei*  
Beeston, G.R. 1027C (BRI); Cudmore, A. s.n. (BRI169247); Gittens, C.H. 1169 (BRI); Hall, N. H78/81 (PERTH); McDonald, J.J. 186 (BRI); Pedley, L. 4635 (BRI); Purdie, R.W. 457D (BRI); Stevenson, M.R. 8 (BRI); Tindale, M.D. 678 (BRI); Webb, L.J. and Tracey, J.G. 3376 (BRI); Womersley, J.S. NGF43668 (BRI).
- A. deanei* subsp. *paucijuga*  
Beauglehole, A.C. 36683 (BRI); Constable, E.F. 4178 (UCB); Constable, E.F. NSW33640 (UCB); Constable, E.F. NSW38125 (UCB); Constable, E.F. NSW39540 (UCB); McBarron, E.J. and Tindale, M.D. NSW39540 (UCB); Tindale, M.D. NSW36790 (BRI, UCB); Wakefield, N.A. 4805 (PERTH).
- A. debilis*  
Johnson, R.W. and Everist, S.L. 2510 (BRI); Perry, R. 89 (PERTH).
- A. decora*  
Hall, N. H79/73 (PERTH); Jones, R. 135 (BRI); Jones, W.T. 501 (BRI); Pedley, L. 2803 (BRI).
- A. decurrens*  
Comanor, P.L. 464 (UCB); Hockings, F.D. s.n. (BRI169336); Maslin, B.R. 3981 (PERTH).
- A. deflexa*  
McKenzie, N. 91 (PERTH).
- A. delibrata*  
George, A.S. 13635 (PERTH); Lazarides, M. 8666 (BRI).
- A. delphina*  
Coveny, R. 3255 (PERTH); Maslin, B.R. 3979 (PERTH); Maslin, B.R. s.n. (BRI255445).
- A. deltoidea*  
Hartley, T.G. 14819 (BRI).
- A. dempsteri*  
Newbey, K. 7778 (PERTH).
- A. densiflora*  
Crisp, M.D. 1088 (PERTH).
- A. denticulosa*  
Wittwer, E. 2006 (PERTH).
- A. dentifera*  
Maslin, B.R. 1819 (BRI); de Rebeira, R. 176 (PERTH).
- A. depressa*  
Maslin, B.R. 4378 (PERTH).
- A. dermatophylla*  
Newbey, K. 5508 (PERTH).
- A. desertorum*  
Maslin, B.R. 4822 (PERTH).
- A. deuteroneura*  
Pedley, L. 4111 (BRI).
- A. diaphyllodinea*  
Maslin, B.R. 3926 (PERTH).
- A. dictyoneura*  
Daniels, H.E. s.n., Sept. 1971 (BRI169363); Daniels, H.E. s.n., Oct. 1971 (PERTH).

- A. dictyophleba*  
Done, C. 525 (PERTH); Donner, N.N. 5153 (UCB); Ollerenshaw, P. 1244 (BRI); Purdie, R.W. 1128 (BRI); Silcock, R.G. 377 (BRI); Trudgen, M. 2495 (BRI).
- A. dielsii*  
Demarz, H. 6540 (PERTH).
- A. dietrichiana*  
Armitage, I.B. 866 (PERTH); Beeston, G.R. 1069 (BRI).
- A. difficilis*  
Andrew, M.H. 513 (PERTH); Bateman, W. 80/10 (BRI); Brooker, M.I.H. 3178A (BRI); Cole, M.M. 1006A (BRI); Cole, M.M. 1409 (BRI); Dunlop, C.R. 4587 (BRI); Scarth-Johnson, V. 562 (BRI); Walsh, W.P. 2 (BRI).
- A. difformis*  
Armitage, I.B. 1003 (PERTH); Constable, E.F. NSW63263 (UCB); Coveny, R. 2551 (BRI).
- A. dilatata*  
Maslin, B.R. 4123 (PERTH).
- A. dimidiata*  
Gittins, C.H. s.n. (BRI169474); Perry, N. 111 (PERTH); Rice, B.L. 2506 (BRI).
- \**A. diphylla*  
Constable, E.F. 7227 (\*UCB); Coveny, R. 3925 (UCB); Floyd, A.G. s.n. (BRI292207); Hall, N. H83/12 (\*PERTH); Hall, N. H83/22 (\*PERTH); Perry, N. 156 (\*PERTH).
- A. distans*  
Kruiskamp, J. 4100 (PERTH).
- A. ditricha*  
Scrimgeour, E.M. 1864 (PERTH); Webb, L.J. and Tracey, J.G. 11091 (BRI).
- A. divergens*  
Cumming, R.J. 1084 (PERTH); White, C.T. 5384 (BRI).
- A. dodonaeifolia*  
Everist, S.L. 5745 (BRI); Hunt, D. 2671 (PERTH); Wilson, P.G. 284 (UCB).
- A. dolichophylla*  
Latz, P.K. 6642 (BRI, PERTH).
- \**A. doratoxylon*  
Constable, E.F. 4445 (\*UCB); Coveny, R. 2347 (\*UCB); Hall, N. H78/89 (\*PERTH); Pedley, L. 2823 (BRI).
- A. dorothea*  
Coveny, R. 2908 (PERTH, UCB); Telford, I.R. 3583 (BRI).
- A. drepanocarpa*  
Maslin, B.R. 4866 (PERTH).
- A. drepanocarpa* subsp. *drepanocarpa*  
Craven, L.A. 3982 (BRI).
- A. drepanocarpa* subsp. *latifolia*  
Perry, R.A. 2930 (BRI).
- A. drepanophylla*  
Maslin, B.R. 4987 (PERTH).
- A. drewiana*  
McGann, L.R. s.n., 29 April 1976 (PERTH); Wittwer, E. 2008 (PERTH).
- A. drummondii*  
Went, F.W. and C.W. B-157 (UCB).
- A. drummondii* subsp. *drummondii*  
Maslin, B.R. 4348 (PERTH).
- A. drummondii* subsp. *affinis*  
Maslin, B.R. 3985 (PERTH).
- A. drummondii* subsp. *candolleana*  
Maslin, B.R. 4370 (PERTH).



- A. drummondii* subsp. *elegans*  
Cumming, R.J. 933 (PERTH); Morrison, A. s.n. (BRI169971); Tindale, M.D. 2624 (BRI).
- A. dubia*  
No specimen tested.
- A. dunni*  
Brooker, M.I.H. 4271 (PERTH); Dunlop, C.R. 5820 (BRI).
- A. dura*  
Maslin, B.R. 7846 (PERTH); Pedley, L. 2393 (BRI).
- A. duriuscula*  
Maslin, B.R. 145 (PERTH).
- A. echinula*  
Coveny, R. 2956 (BRI); Coveny, R. 2974 (PERTH).
- A. effusa*  
Dawe, C.G. 212 (BRI, PERTH).
- A. elata*  
Constable, E.F. NSW51094 (UCB); Vandenberg, A. 6 (PERTH); Webb, L.J. and Tracey, J.G. 8064 (BRI).
- A. elongata*  
Adams, L.G. 2301 (BRI); Coveny, R. 2918 (UCB); Hall, N. H77/31 (PERTH).
- A. empelioclada*  
Coveny, R. 3319 (UCB); Maslin, B.R. 4387 (PERTH); Tindale, M.D. 3836 (BRI).
- A. enervia*  
Maslin, B.R. 4846 (PERTH).
- A. ensifolia*  
Armitage, I.B. 965 (PERTH); Everist, S.L. 3559 (BRI).
- A. enterocarpa*  
Pedley, L. 2387 (BRI); Whibley, D.J.E. 1955 (PERTH).
- A. epacantha*  
Griffin, E.A. 2662 (PERTH).
- A. ephedroides*  
Ashby, A.M. 2140 (UCB); Maslin, B.R. 4807 (PERTH).
- A. eremaea*  
Coveny, R. 7933 and Maslin, B.R. (UCB); Everist, S.L. 9177 (BRI); Mitchell, A.A. 829 (PERTH).
- A. eremophila*  
Maslin, B.R. 4974 (PERTH); Tindale, M.D. 3743 (BRI); Whaite, T. and J. 4137 (BRI).
- A. ericifolia*  
Maslin, B.R. 4332 (PERTH); Wilson, P.G. 5532 (BRI).
- A. erinacea*  
Maslin, B.R. 4242 (PERTH); Tindale, M.D. 1 (BRI); Willis, J.H. s.n. 1947 (UCB990212).
- A. erioclada*  
Maslin, B.R. 4081 (PERTH).
- A. eriopoda*  
Kenneally, K.F. 5731 (BRI); Maslin, B.R. 2658 (PERTH).
- A. estrophiolata*  
Hockings, F.D. 134 (BRI); Weston, A.S. 12049 (PERTH).
- A. everistii*  
Coveny, R. 6829 (BRI).
- A. excelsa*  
Armitage, I.B. 883 (PERTH); Clemens, M.S. s.n., 1946 (UCB M089256), Hall, L. s.n. (BRI190078); Pickard, J. and Blaxell, D.F. 392 (BRI); Russell, F. 1016 (BRI); Wilson, R.G. s.n. (BRI190103).
- A. excentrica*  
Maslin, B.R. 3906 (PERTH).

- \**A. exilis*  
Maslin, B.R. 4666 (\*BRI, \*PERTH).
- A. exocarpoides*  
Ashby, A.M. 4223 (BRI); George, A.S. 4628 (PERTH).
- A. extensa*  
Everist, S.L. 9046 (BRI); Maslin, B.R. s.n., 20 Nov. 1971 (PERTH); Morrison, A. s.n. (BRI191725).
- A. fagonioides*  
Canning, E.M. WA/68 3312 (PERTH); Chapman, C. s.n., 1973 (PERTH); Chapman, C. s.n., 1976 (PERTH); Hnatiuk, R. 771110 (PERTH); Maslin, B.R. 3074 (PERTH); Simmons, M. 511 (PERTH).
- A. falcata*  
Constable, E.F. 6379 (BRI); Coveny, R. 841 (UCB); Hall, N. H77/135 (PERTH); Staples, I.B. 290974Z (BRI); White, C.T. 7075 (BRI).
- A. falciformis*  
Hall, N. H77/23 (PERTH); Maiden, J.H. s.n., 1888 (UCB489631); Olsen, M. and Lebler, B. s.n. (BRI253463).
- A. farinosa*  
Beauglehole, A.C. 28809 (BRI); Pedley, L. 2391 (BRI); Weber, J.Z. 4030 (PERTH).
- A. farnesiana*  
Robinson, A.C. s.n. (BRI190164); Webb, L.J. and Tracey, J.G. 11125 (BRI).
- A. fasciculifera*  
Coveny, R. 6890 and Hind, P. (UCB); Hall, N. H78/69 (PERTH); Williams, K. s.n. (BRI015390).
- A. fauntleroyi*  
Maslin, B.R. 1971 (PERTH).
- A. ferocior*  
Maslin, B.R. 3773 (PERTH).
- A. filamentosa*  
Gill, B. A1 (PERTH); Luscombe, P. s.n., 29 Aug. 1980 (PERTH); Speck, N.H. 4923 (BRI).
- A. filicifolia*  
Constable, E.F. s.n. (BRI190258); Coveny, R. 4613 (UCB); Hall, N. H77/25 (PERTH).
- A. filifolia*  
Maslin, B.R. 4276 (PERTH); Maslin, B.R. 2315 (PERTH); Tindale, M.D. 27 (BRI).
- A. fimbriata*  
Clemens, M.S. s.n., 1948 (UCB M089258); Cole, M. 5005 (BRI); Gillieatt, J. 302 (BRI); Hawkeswood, T.J. and B.J. s.n., 5 Sept. 1976 (PERTH); Martensz, P.N. 983 (BRI); Wyatt, R. 8 (BRI).
- A. flabellifolia*  
Maslin, B.R. 732 (BRI); Maslin, B.R. 3290 (PERTH).
- A. flagelliformis*  
Diu, E. s.n., June 1929 (PERTH); Maslin, B.R. 2817 (BRI).
- A. flavescens*  
Coveny, R. 6850 and Hind, P. (UCB); Donohue, J. 3 (BRI); Everist, S.L. s.n. (BRI190338); Hall, N. H79/26 (PERTH).
- A. flavopila*  
Hnatiuk, R.J. 770397 (PERTH)
- A. fleckeri*  
Coveny, R. 7082 (PERTH); Morton, A. 1548 (BRI).
- A. flexifolia*  
Boyd, H. s.n., Aug. 1965 (PERTH); McDonald, W.J.F. 1037 (BRI).
- A. flocktoniae*  
Constable, E.F. 5648 (BRI, UCB).

- A. floribunda*  
Constable, E.F. 6920 (PERTH); Constable, E.F. 7114 (UCB); Davison, J. 8 (BRI); McIndoe, A. NSW42284 (BRI); Van Rees, H. 014 (PERTH).
- A. forrestiana*  
No specimen tested.
- A. forsythii*  
No specimen tested.
- A. fragilis*  
Maslin, B.R. 5061 (PERTH); Tindale, M.D. 3794 (BRI).
- A. frigescens*  
Beauglehole, A.C. s.n. (BRI317228); Van Rees, H. 047 (PERTH).
- A. froggattii*  
Lazarides, M. 6450 (BRI).
- A. fulva*  
Constable, E.F. 5981 (UCB); Coveny, R. 4609 (PERTH); Rodd, A.N. and Briggs, B.G. NSW77534 (BRI).
- A. galeata*  
Maslin, B.R. 3657 (PERTH); Weston, A.S. 10604 (PERTH).
- A. galioides*  
Byrnes, N. 2215 (BRI); Walker, B. s.n. (BRI190437).
- A. galioides* var. *glabriflora*  
Correll, R.L. s.n. (BRI316451); Lazarides, M. 8504 (PERTH); Weston, A.S. 12354 (PERTH).
- A. gardneri*  
George, A.S. 12844 (PERTH); Kenneally, K.F. 5000 (BRI).
- A. genistifolia*  
Evans, M. 2467 (BRI); Hall, N. H79/102 (PERTH); Hoogland, R.D. 8557 (UCB); Kilgour, R.A. 70 (BRI); Ross, J.H. 2479 (PERTH).
- A. georgensis*  
No specimen tested.
- A. georginae*  
Chippendale, G. 1077 (BRI); Henshall, T.S. 233 (PERTH); Purdie, R.W. 1063 (BRI).
- A. gilbertii*  
Maslin, B.R. 476 (PERTH).
- A. gilesiana*  
Donner, N.N. 3952 (PERTH); Wilcox, D.G. 168 (PERTH).
- A. gillii*  
Alcock, C.R. C144 (PERTH); Orchard, A.E. 2998 (UCB).
- A. gittinsii*  
Johnson, L.A.S. s.n., 29 Aug. 1968 (PERTH); Williams, K.A.W. 80176 (BRI).
- A. gladiiformis*  
Constable, E.F. s.n., 8 Jan. 1961 (PERTH, UCB M247410; Coveny, R. 4193 (BRI).
- A. glandulicarpa*  
Hicks, R.J. s.n., 24 Aug. 1957 (PERTH); Reader, F.M. s.n., 1896 (UCB249420).
- A. glaucocarpa*  
Armitage, I.B. 815 (PERTH); McDonald, T.J. 183 (BRI).
- A. glaucoptera*  
Ashby, A.M. 4313 (UCB); Maslin, B.R. 810 (PERTH); Maslin, B.R. 2577 (BRI).
- A. glutinosissima*  
Maslin, B.R. 3964 (PERTH).
- A. gnidium*  
Armitage, I.B. 916 (PERTH); Everist, S.L. 4412 (BRI).

- \**A. gonocarpa*  
Byrnes, N. N118 (PERTH); Chippendale, G. 8091 (PERTH); Dunlop, C.R. 5883 and Craven, L. (\*PERTH); George, A.S. 13362 (PERTH); Hinz, D. 74-105 (PERTH); Kenneally, K.F. 2160 (PERTH); Latz, P.K. 3288 (PERTH); Maconochie, J.R. 1252 (PERTH); Maconochie, J.R. 1475 (PERTH); Maslin, B.R. 5087 (PERTH); Maslin, B.R. 5090 (PERTH); Maslin, B.R. 5100 (PERTH); Maslin, B.R. 5124 (PERTH); Maslin, B.R. 5127 (PERTH); Maslin, B.R. 5154 (PERTH); Pullen, R. 10.590 (PERTH); Speck, N.H. 4908 (\*BRI, PERTH); Wilson, P.G. 10633 (PERTH); Wilson, P.G. 10750 (PERTH); Wilson, P.G. 10761 (PERTH); Wilson, P.G. 10826 (PERTH); Wilson, P.G. 11208 (PERTH); Wilson, P.G. s.n., 19 May 1972 (PERTH); Wilson, P.G. s.n., 7 June 1973 (PERTH).
- A. gonoclada*  
Perry, R.A. and Lazarides, M. 2666 (BRI); Volk, E. s.n. (BRI190656); Weston, A.S. 12259A (PERTH).
- A. gonophylla*  
Maslin, B.R. 2525 (PERTH); Newbey, K. 7940 (PERTH).
- A. gordonii*  
Coveny, R. 2997 (BRI, PERTH).
- A. gracilifolia*  
Black, J.M. s.n. (BRI190678); Martinsen, P. 0029 (UCB); Whibley, D.J.E. 4326 (PERTH).
- \**A. gracillima*  
Beard, J.S. 4150 (PERTH); Bennett, E.M. 1881 (PERTH); Fitzgerald, W.V. 776 (\*PERTH); Fitzgerald, W.V. s.n., May 1905 (\*PERTH); George, A.S. 12477 (PERTH); Gittens, C.H. 1441 (BRI, PERTH); Kenneally, K.F. 2078 (PERTH); Maconochie, J.R. 1190 (PERTH); Telford, I.R. 6391 (\*PERTH); Willis, J.H. s.n., 26 July 1974 (PERTH).
- A. grandifolia*  
Bager, A. s.n. (BRI 190688).
- \**A. granitica*  
Bide, E.W. s.n., Sept. 1922 (\*UCB314368); Camfield, J.H. s.n., 14 Sept. 1908 (\*UCB489598); Coveny, R. 1858 et al. (\*UCB); Coveny, R. 1859 (\*BRI); Coveny, R. 4972 (\*BRI, \*UCB); Gittins, C.H. 2802 (\*BRI); Hall, N. H83/19 (\*PERTH); Hall, N. H83/20 (\*PERTH); Olsen, M. and Lebler, B. s.n. (\*BRI253472); Pedley, L. 232 (\*BRI); Pedley, L. 4146 (\*BRI, \*PERTH).
- A. grasbyi*  
Burbidge, N.T. 6475 (BRI); Clark, M.L. 5 (PERTH).
- A. x grayana*  
No specimen tested.
- A. gregorii*  
Maslin, B.R. 4756 (PERTH).
- A. grisea*  
Maslin, B.R. 646 (BRI); Maslin, B.R. 4380 (PERTH).
- A. guinetii*  
Maslin, B.R. 3164 (PERTH).
- A. gunnii*  
Corrick, M.G. 7471 (BRI); Maslin, B.R. 4779 (PERTH).
- A. guymeri*  
Guymer, G.P. 891 (BRI, PERTH).
- A. hakeoides*  
Maslin, B.R. 4815 (PERTH); Pedley, L. 1218 (BRI); Rodd, A.N. NSW112347 (UCB).
- A. hamersleyensis*  
Maslin, B.R. 4609 (PERTH); Maslin, B.R. 4683 (BRI).
- A. hamiltoniana*  
Coveny, R. 2902 (PERTH, UCB); Coveny, R. s.n. (BRI190738).

- A. hammondii*  
Blake, S.T. 19660 (BRI); Dunlop, C.R. 2147 (PERTH).
- A. handonis*  
Hando, V. s.n. (BRI195263).
- A. harpophylla*  
Durrington, L. 757 (BRI); Hall, N. H79/29 (PERTH); White, C.T. s.n., 1928 (UCB378128).
- A. harveyi*  
Maslin, B.R. 4039 (PERTH); Tindale, M.D. 1288 (BRI).
- A. hastulata*  
Everist, S.L. s.n. (BRI190853); Marchant, N.G. 80/64 (PERTH).
- A. havilandii*  
Coveny, R. 2552 (BRI); Perry, R. 112 (PERTH).
- A. helicophylla*  
Maconochie, J.R. 1608 (PERTH); Perry, R. 1939 (BRI).
- A. helmsiana*  
Burbidge, A.A. and Fuller, R.J. 66/77 (PERTH).
- A. hemignosta*  
Armitage, I.B. 861 (PERTH); Coveny, R. 475 (UCB).
- A. hemiteles*  
Kuchel, R.H. 1849 (UCB); Maslin, B.R. 4826 (PERTH); White, C.T. 5463 (BRI).
- A. hemsleyi*  
Henry, N.M. 102 (PERTH); Perry, R.A. and Lazarides, M. 2411 (BRI); Purdie, R.W. 1555 (BRI).
- A. heteroclita*  
Newbey, K. 3872 (PERTH).
- A. heteroneura*  
Tindale, M.D. 88 (BRI); Tindale, M.D. 3714 (PERTH).
- A. hilliana*  
Cole, M. 334 (BRI); Williams, T. 36 (PERTH).
- A. hippuroides*  
Maslin, B.R. 2688 (BRI); Maslin, B.R. 4910 (PERTH).
- A. hispidula*  
Coveny, R. 4967 (PERTH); Lebler, B. and Baxter, P. s.n. (BRI15487); Sharpe, P. 974 (BRI); White, C.T. 6840 (UCB).
- A. hockingsii*  
Sharpe, P. and Hockings, F.D. 582 (PERTH).
- A. holosericea*  
Johnson, R.W. 1878 (BRI); Maslin, B.R. 4933 (PERTH); Paijmans, K. 2862 (BRI); Scarth-Johnson, V. s.n. (BRI191139).
- A. holotricha*  
Baker, J.A. 5 (BRI).
- A. homaloclada*  
Sharpe, P. 1505 (BRI).
- A. horridula*  
Maslin, B.R. 4175 (PERTH); Tindale, M.D. 3787 (BRI).
- A. howittii*  
No specimen tested.
- A. hubbardiana*  
Coveny, R. 6692 and Hind, P. (UCB); Coveny, R. 6722 (PERTH); Michael, Rev. N. 3014 (BRI); Tindale, M.D. 658 (BRI).
- A. huegelii*  
Cumming, R.J. 1083 (PERTH); Sonster, J. 588 (BRI).
- A. humifusa*  
Blaxell, D.F. 1561 (BRI); Kanis, A. 1941 (BRI); Wilson, P.G. 11427 (PERTH).

- A. hyaloneura*  
Williams, K.A.W. 81 (BRI).
- A. hylonoma*  
Hyland, B. 8011 (BRI).
- A. idiomorpha*  
Maslin, B.R. 4285 (PERTH).
- A. imbricata*  
Eichler, H. 1931 (PERTH); Shirley, J. s.n. (BRI191276).
- A. implexa*  
Blake, S.T. 20515 (BRI), Clemens, M.S. s.n., 1945 (UCB M089245);  
Sharpe, P. 991 (BRI).
- A. inaequilatera*  
Davis, G. 56 (PERTH); Hockings, F.D. 207 (BRI).
- A. inaequiloba*  
Maslin, B.R. 1889 (BRI); Maslin, B.R. 2406 (PERTH).
- A. inamabilis*  
Newbey, K. 7635 (PERTH).
- A. inceana*  
Cumming, R.J. 1431 (PERTH).
- A. incrassata*  
Cranfield, R.J. 1271/80 (PERTH).
- A. incurva*  
George, A.S. 14863 (PERTH).
- A. ingramii*  
Coveny, R. 3923 (BRI, PERTH).
- A. ingrata*  
Cumming, R.J. 1068 (PERTH).
- A. inophloia*  
Maslin, B.R. 533 (PERTH).
- A. inops*  
Masters, B.K. s.n., 3 Oct. 1979 (PERTH).
- A. insolita*  
Maslin, B.R. 4402 (PERTH).
- A. intorta*  
Mitchell, A.A. 235 (PERTH).
- A. intricata*  
Newbey, K. 5815 (PERTH).
- A. irrorata* subsp. *irrorata*  
Blake, S.T. 2116 (BRI); Constable, E.F. NSW56655 (BRI); Hall, N. H83/18,  
21 (both PERTH); Moriarty, V.K. 611 (BRI); Pedley, L. 1269 (BRI);  
Pedley, L. s.n., 4 Dec. 1968 (PERTH); Smith, L.S. 10267 (BRI).
- A. irrorata* subsp. *irrorata/velutinella*  
Hall, N. H83/13 (PERTH).
- A. islana*  
Sharpe, P. and Hockings, F.D. 624 (BRI).
- A. iteaphylla*  
Copley, B. 2917 (PERTH).
- A. ixiophylla*  
Coveny, R. 1933 (UCB); Haegi, L. 1094 (PERTH); Hockings, F.D. s.n.  
(BRI191592).
- A. ixodes*  
Hall, N. H78/32 (PERTH); Sandercoe, C. 3010 (BRI).
- A. jacksiana*  
Cowie, I. 43 (BRI).
- A. jacksonioides*  
Muir, B.G. 444 (PERTH).
- A. jamesiana*  
Beard, J.S. 6665 (PERTH); Blackwell, M. 19 (PERTH); Blackwell, M. 21  
(PERTH).

- A. jasperensis*  
Dunlop, C.R. 5571 (BRI); Maconochie, J.R. 2491 (BRI).
- A. jennerae*  
Maslin, B.R. 4459 (PERTH); Maslin, B.R. 4842 (BRI).
- A. jensenii*  
George, A.S. 15654 (BRI, PERTH).
- A. jibberdingensis*  
Ashby, A.M. per Phillips, G. 3846 (UCB); Ashby, A.M. 4741 (PERTH).
- A. johnsonii*  
Coveny, R. 6801 (PERTH); McKenzie, F. CT16 (BRI).
- A. jonesii*  
Boorman, J.L. s.n., 1915 (UCB199271); Gillieatt, J. 320 (BRI);  
no collector, s.n., Nov. 1900 (PERTH).
- A. jucunda*  
Coveny, R. 6795 and Hind, P. (UCB); Simmons, J. and M. 1124 (PERTH);  
Tindale, M.D. 723 (BRI).
- A. julifera*  
No collector (UCB13200).
- \**A. julifera* subsp. *julifera*  
Anderson, E.R. 1009 (\*BRI); Blake, S.T. 18548 (BRI); Boyland, D.E. 094  
(\*BRI); Dockrill, A.W. 417 (BRI); Forster, D. s.n. (\*BRI343207);  
Godwin, 2211 (BRI); Hall, N. H74/45 (\*BRI); Henderson, R.J. 2494 (\*BRI);  
Jones, W.T. s.n. (\*BRI191660); Sharpe, P. et al. 902 (\*BRI); Simmons, J.  
and M. 1115 (\*PERTH); Tindale, M.D. et al. NSW102564 (\*BRI).
- A. julifera* subsp. *gilbertensis*  
Hall, N. H83/51 (PERTH); Speck, N.H. 4747 (PERTH).
- A. juncifolia*  
Coveny, R. 2197 (PERTH, UCB); Johnson, R.W. 821 (BRI); Pedley, L. 4626  
(BRI).
- A. jutsonii*  
Maslin, B.R. 4438 (PERTH).
- A. kelleri*  
Kenneally, K.F. 4802 (BRI, PERTH).
- \**A. kempeana*  
Armitage, I.B. 958 (PERTH); Ashby, A.M. 4150 (PERTH); Ashby, A.M. 4744  
(PERTH); Beard, J.S. 4780 (PERTH); Beard, J.S. 4827 (PERTH); Beard, J.S.  
5162 (PERTH); Beard, J.S. 6040 (PERTH); Beard, J.S. 6626 (PERTH); Beard,  
J.S. 6849 (PERTH); Bennett, F.M. 162 (PERTH); Blackall, W.E. 208 (PERTH);  
Blackall, W.E. 222 (PERTH); Burbidge, A.A. 15/77 and Fuller, P.J.  
(PERTH); Burbidge, N.T. 4795 (PERTH); Butler, W.H. 44 (PERTH);  
Chippendale, G. 768 (PERTH); Chippendale, G. NT768 (BRI); Chippendale,  
G. 3054 (PERTH); Cranfield, R.J. 2048 (PERTH); Cranfield, R.J. 2067  
(PERTH); Craven, L.A. 5277 (BRI); Dawe, C.G. 214 (PERTH); Demarz, H.  
3836 (PERTH); Fuller, P.J. 6 (PERTH); Gardner, C.A. 2341 (PERTH);  
Gardner, C.A. 11587 (PERTH); George, A.S. 2934 (PERTH); George, A.S.  
4039 (PERTH); George, A.S. 4772 (PERTH); George, A.S. 4976 (PERTH);  
George, A.S. 4992 (PERTH); George, A.S. 5079 (PERTH); George, A.S. 5118  
(PERTH); George, A.S. 5411 (PERTH); George, A.S. 8213 (PERTH); George,  
A.S. 12161 (\*PERTH); Gillet, M. 63 (PERTH); Glauert, L. 81872 (PERTH);  
Griffiths, A. 4623 (PERTH); Humphries, A.W. M78 (PERTH); Hopper, S.D.  
2798 (PERTH); Hopper, S.D. 2815 (PERTH); Hopper, S.D. 2830 (PERTH);  
Hopper, S.D. 2873 (PERTH); Kerkhoff, M. s.n., May 1974 (PERTH); Lazarides,  
M. 5886 (PERTH); Lowry, J. s.n., 18 Aug. 1966 (PERTH); Lullfitz, F. and  
Fairall, A. 2614 (PERTH); Maslin, B.R. 1928 (PERTH); Maslin, B.R. 4578  
(PERTH); Maslin, B.R. 4679 (PERTH); Maslin, B.R. 5275 (PERTH); Melville,  
G.F. A9 (PERTH), E223 (PERTH), 243 (PERTH); Midgely, S.J. 587 (PERTH);  
Mitchell, A.A. 76/7 (PERTH); Mitchell, A.A. 93 (PERTH); O'Farrell, R.  
51 (PERTH); Perry, R.A. 3240 (PERTH); Perry, R.A. 5340 (PERTH); Perry,

R.A. 5362 (PERTH); Pullen, R. 10536 (PERTH); Robinson, A. s.n., Sept. 1959 (PERTH); Royce, R.D. 5318 (PERTH); Saffrey, R.A. 788 (PERTH); Speck, N.H. 625 (PERTH); Speck, N.H. 982 (PERTH); Trudgen, M.E. 2348 (PERTH); Weber, J.Z. 194 (UCB); Weston, A.S. 12027 (PERTH); Wilcox, D.G. s.n., 28 May 1970 (PERTH); Wilcox, D.G. s.n., 23 June 1970, (PERTH); Williams, L.D. 7424 (PERTH); Wilson, P.G. 8493 (PERTH).

- A. kerryana*  
Newbey, K. 7531 (PERTH).
- A. kettlewelliae*  
Coveny, R. 2778 (BRI); Hall, N. H79/101 (PERTH); Phillips, M.E. and Raeder Roitzsch, J. 3153 (UCB).
- A. kimberleyensis*  
No specimen tested.
- A. kingiana*  
Maslin, B.R. 4484 (PERTH).
- A. kochii*  
Demarz, H. D3807 (PERTH).
- A. kybeanensis*  
Constable, E.F. 5343 (BRI); Coveny, R. 6604 et al. (UCB); Van Rees, H. 039 (PERTH).
- A. kydrensis*  
No specimen tested.
- A. laccata*  
Bateman, W. 80/2 (BRI); Kenneally, K.F. 4052 (PERTH).
- A. lachnophylla*  
Newbey, K. 7699 (PERTH).
- A. lanigera*  
Corrick, M.G. 5984 (PERTH); Coveny, R. 2247 (BRI, UCB); Coveny, R. 4271 (BRI).
- A. lanuginosa*  
Malcolm, C.V. 620 (PERTH).
- A. laricina*  
Maslin, B.R. 3994 (PERTH).
- \**A. lasiocalyx*  
Demarz, H. 7971 (\*BRI); Jackson, E.N.S. 1315 (\*PERTH).
- A. lasiocarpa*  
Cumming, R.J. 875 (PERTH); Cumming, R.J. 1073 (PERTH); Maslin, B.R. 1454 (PERTH); Maslin, B.R. 1461 (BRI); Maslin, B.R. 3248 (PERTH).
- A. lateriticola*  
Cumming, R.J. 848 (PERTH); Maslin, B.R. s.n. (BRI191784).
- A. latescens*  
Latz, P.K. 7297 (PERTH); Specht, R.L. 570 (BRI).
- A. latifolia*  
Gittins, C.H. 1291 (BRI); Latz, P.K. 7390 (PERTH).
- A. latipes*  
Demarz, H. 4998 (PERTH); Everist, S.L. 9035 (BRI).
- A. latisepala*  
Bell, C. 28 (BRI); Perry, R. 103 (PERTH).
- A. latzii*  
Latz, P.K. 5238 (PERTH); Latz, P.K. 8713 (BRI).
- A. lauta*  
Pedley, L. 4034 (BRI).
- A. lazaridis*  
Chapman, A.D. 1345 (BRI); Maconochie, J.R. 1941 (PERTH).
- A. legnota*  
Morton, A. 1549 (BRI).
- A. leichhardtii*  
Coveny, R. 6774 and Hind, P. (PERTH, UCB); Sharpe, P. 818 (BRI).



- A. leiocalyx*  
Blaxell, D.F. 503 (PERTH); Coveny, R. 3862 and Thurtell, K. (UCB);  
Pedley, L. 2861 (BRI).
- A. leioderma*  
Maslin, B.R. 4391 (PERTH); Tindale, M.D. 3905 (BRI, UCB).
- A. leiophylla*  
Whibley, D.J.E. 5524 (PERTH); Whibley, D.J.E. 5659 (BRI).
- A. lentiginosa*  
Kenneally, K.F. 5034 (PERTH).
- A. leprosa*  
Pedley, L. 2377 (BRI); Van Rees, A. 022 (PERTH); no collector, s.n.,  
1896 (UCB13212).
- A. leptocarpa*  
Coveny, R. 7038 (PERTH); Pedley, L. 1038 (BRI).
- A. leptoclada*  
Coveny, R. 2282 (BRI, UCB); Moffet, B. M5/287 (PERTH).
- A. leptoloba*  
Tracey, J.G. and Webb, L.J. 11124 (BRI).
- A. leptoneura*  
Maslin, B.R. 1947 (PERTH); Tindale, M.D. 206 (BRI).
- A. leptopetala*  
Maslin, B.R. 4156 (PERTH); Tindale, M.D. 13 (BRI).
- A. leptophleba*  
Perry, R.T. 91 (BRI); Perry, N. 133 (PERTH).
- A. leptospermoides*  
Maslin, B.R. 3755 (PERTH); Maslin, B.R. 4982 (PERTH); Muir, B.G. 70  
(PERTH); Trudgen, M.E. 1684 (BRI).
- A. leptostachya*  
Blake, S.T. 18612 (BRI); Coveny, R. 6905 and Hind, P. (UCB); Hall, N.  
H79/24 (PERTH).
- A. leuoclada*  
Coveny, R. 2100 (BRI, PERTH); Coveny, R. 6754 and Hind, P. (UCB).
- A. ligulata*  
Ashby, A.M. 4589 (BRI); Beard, J.S. 6781 (PERTH); Boomsma, C.D. 3348  
(PERTH); Boyland, D.E. 252 (BRI); Chippendale, G. NT2688 (BRI);  
Chippendale, G. NT3370 (BRI); Corrick, M.G. 7398 (BRI); Everist, S.L.  
7378 (BRI); Goadby, B.T. s.n. (BRI169088); Hall, N. H80/83 (PERTH);  
Jaegermann, V. 81 (UCB); Lazarides, M. 5762 (BRI); Lothian, T.R.N. 1298  
(BRI); Maloney, B. 22/70 (BRI); Maslin, B.R. 3715 (PERTH); Maslin, B.R.  
3920 (PERTH); Maslin, B.R. 4316 (PERTH); Pedley, L. 2466 (BRI); Purdie,  
R.W. 1110 (BRI); Weston, A.S. 10797 (BRI).
- A. ligustrina*  
Maslin, B.R. 4803 (PERTH).
- A. limbata*  
Althofer, G.W. 276 (BRI); Aplin, T.E.H. 5703 (PERTH).
- A. linarioides*  
Gittins, C.H. 2634 (BRI); Maconochie, J.R. 1584 (PERTH).
- A. lineata*  
Chippendale, G. and Constable, E.F. NSW17611 (UCB); Corrick, M.G. 6726  
(PERTH); Nosworthy, G. s.n. (BRI330842).
- A. lineolata*  
Cumming, R.J. 1319 (PERTH); Maslin, B.R. 2562 (BRI).
- A. linifolia*  
Coveny, R. 4815 (BRI, UCB); Hall, N. H79/59 (PERTH).
- A. linophylla*  
Ashby, A.M. 3971 per Oliver, F. (UCB); Perry, R.A. 5600 (BRI); Weber,  
J.Z. 1125 (PERTH).
- A. littorea*  
Maslin, B.R. 4025 (PERTH).

- A. loderi*  
Briggs, B.G. 2764 (BRI); Jacobs, S. 2305 (PERTH, UCB).
- A. longifolia*  
Hall, N. H80/24 (PERTH); Milton, S.J. s.n., 10 Dec. 1978 (PERTH); Stralius, H. 8071 (BRI); Whibley, D.J.E. 2082 (UCB); Wilson, I.B. 476 (UCB).
- A. longipedunculata*  
No specimen tested.
- \**A. longiphylloidea*  
Demarz, H. 3892 (\*PERTH); Maslin, B.R. 3032 (PERTH).
- A. longispicata*  
Simmons, J. and M. 1109 (PERTH); Wyatt, R.A. s.n. (BRI9179).
- A. longispinea*  
Maslin, B.R. 4467 (PERTH); Maslin, B.R. 5032 (PERTH).
- A. longissima*  
Coveny, R. 2947 (UCB); Hall, N. H8/119 (PERTH); Jones, W.T. 2374 (BRI); Tindale, M.D. NSW7250 (UCB).
- A. loroloba*  
Pedley, L. NSW102563 (BRI); Pedley, L. NSW102609 (BRI); Pedley, L. et al. NSW102604 (UCB); Tindale, M.D. s.n., Jan. 1969 (PERTH).
- A. loxophylla*  
Maslin, B.R. 553 (PERTH); Newbey, K. 1294 (BRI); Newbey, K. s.n., 24 Sept. 1964 (PERTH).
- A. lucasii*  
Balgooy, M.M.J.V. 1634 (UCB); Coveny, R. 6595 (PERTH); Tindale, M.D. 4033 (BRI).
- A. luteola*  
Cumming, R.J. 1001 (PERTH).
- A. lycopodiifolia*  
Coveny, R. 507 (UCB); Davidson, G. s.n., 13 Sept. 1981 (PERTH); Gittins, C.H. 1419 (BRI).
- \**A. lysiphloia*  
Aplin, T.E.H. 5080 (PERTH); Aplin, T.E.H. 5351 (PERTH); Aplin, T.E.H. s.n., 29 June 1972 (PERTH); Beard, J.S. 4910 (PERTH); Beard, J.S. 5527 (\*PERTH); Beauglehole, A.C. 11144 (\*PERTH); Briggs, B.G. 3692 (\*PERTH); Chippendale, G. 2178 (PERTH); Chippendale, G. 3808 (\*PERTH); Chippendale, G. 7206 (\*PERTH); Chippendale, G. 7316 (\*PERTH); Chippendale, G. s.n., 9 Sept. 1957 (PERTH); Chippendale, G. s.n., 2 May 1958 (\*PERTH); Cole, M.M. 5091 (\*PERTH); Craven, L.A. 4170 (PERTH); Davidson, D. 1 (PERTH); Fitzgerald, W.V. 1149 (PERTH); Forde, N. 20 (\*PERTH); Forde, N. 219 (\*PERTH); Forde, N. 259 (\*PERTH); Gardner, C.A. 7174 (\*PERTH); George, A.S. 15360 (\*PERTH); Henry, N.M. 168 (PERTH); Kenneally, K.F. 7227 (PERTH); Koford, F. 81 per Dortch, C. (PERTH); Lazarides, M. 5859 (\*PERTH); Lazarides, M. 6272 (PERTH); Maconochie, J.R. 1738 (BRI, PERTH); Maloney, B. 10/70 (PERTH); Maloney, B. s.n., 12 June 1971 (PERTH); Maslin, B.R. 2671 (\*PERTH); McVicar, D. 541 (PERTH); McVicar, D. 1807 (PERTH); McVicar, D. s.n., 23 June 1922 (PERTH); Must, J. 181 (PERTH); Nelson, D.J. 1243 (PERTH); Nelson, D.J. 1949 (\*PERTH); Nicholls, A. 883 (\*PERTH); Perry, R.A. 521 (\*PERTH); Perry, R.A. and Lazarides, M. 2240 (PERTH); Perry, R.A. and Lazarides, M. 2906 (\*PERTH); Petheram, R.J. 215 (PERTH); Power, Y. 744 (\*PERTH); Power, Y. s.n., May 1970 (\*PERTH); Provan, D. 5054 (BRI); Royce, R.D. 6996 (PERTH); Schmid, A. 502 (PERTH); Stokes, L. 1936 (PERTH); Weber, J.Z. 1030 (\*PERTH); Weston, A.S. 12273 (PERTH); Weston, A.S. 12357 (PERTH).
- A. mabellae*  
Coveny, R. 2915 (BRI); Coveny, R. 5835 and Armstrong, J. (UCB); Evans, M. 2698 (PERTH).
- A. macdonnelliensis*  
Burbidge, A.A. 39/77 (PERTH).

- A. mackeyana*  
Maslin, B.R. 4203 (PERTH).
- A. macnuttiana*  
Coveny, R. 3889 (PERTH); Coveny, R. 3891 (BRI).
- A. macradenia*  
Simmons, J. and M. 1103 (PERTH); White, C.T. 9495 (UCB); White, C.T. s.n. (BRI15133).
- A. maidenii*  
Constable, E.F. 5793 (PERTH); Constable, E.F. NSW22242 (UCB); Smith, L.S. 3110 (BRI).
- A. maitlandii*  
Clemens, M.S. s.n., 1945 (UCB M089238); Purdie, R.W. 384 (BRI); Solomon, E. and I. 3 (PERTH).
- A. malloclada*  
Henshall, T.S. 1813 (BRI); Reed, M. s.n. (PERTH).
- A. mangium*  
Coveny, R. 6959 (BRI); Hall, N. H79/25 (PERTH).
- A. maranoensis*  
Hando, V. 264 (UCB).
- A. marramamba*  
Maslin, B.R. 4965 (PERTH); Trudgen, M.E. 2631 (BRI).
- A. maxwellii*  
No specimen tested.
- A. mearnsii*  
Czornij, K. 120 (UCB); Hall, N. H78/96 (PERTH); Kilgour, R.A. 122 (BRI).
- A. megacephala*  
Ashby, A.M. 3788 (PERTH); Coveny, R. 3000 (BRI); Lullfitz, F. 24 (PERTH); Maslin, B.R. 677 (PERTH); Maslin, B.R. 682 (PERTH); Maslin, B.R. 684 (PERTH); Maslin, B.R. 3100 (PERTH); Tindale, M.D. 1328 (PERTH).
- A. megalantha*  
Dunlop, C.R. 5822 (BRI, PERTH).
- A. meisneri*  
Maslin, B.R. 4090 (PERTH); Tindale, M.D. 114 (BRI).
- A. melanoxydon*  
Booth, E.S. 90 (UCB); Hall, N. H79/89 (PERTH); Simmons, G.C. s.n. (BRI 193098); Wilson, I.B. 488 (UCB).
- A. melvillei*  
Armitage, I.B. 923 (BRI); Hall, N. H78/78 (PERTH); Merlin, M. s.n. (BRI193203); Merlin, M. s.n. (BRI194765).
- A. menzeli*  
Melville, R. 383B (BRI).
- A. merinthophora*  
Chapman, C. s.n. 20 July 1971 (PERTH); Maslin, B.R. 728 (PERTH); Maslin, B.R. 3810 (PERTH), Maslin, B.R. s.n., (BRI193205); Tindale, M.D. 1286 (BRI).
- A. merralli*  
Haegi, L. 1063 (PERTH); Maslin, B.R. 1983 (BRI); Maslin, B.R. 3857 (PERTH); Maslin, B.R. 4830 (PERTH).
- A. merrickae*  
Simmons, M. 366 (PERTH).
- A. microbotrya*  
Ashby, A.M. 3792 (UCB); Emmerson, K. s.n. (BRI193213); Maslin, B.R. 4119 (PERTH); Maslin, B.R. 4457 (PERTH); Maslin, B.R. 4802 (PERTH).
- A. microcalyx*  
Mitchell, A.A. 828 (PERTH).
- A. microcarpa*  
Aston, H.I. 1042 (BRI); Hall, N. H80/84 (PERTH); Thorne, R.F. and Eichler, H. s.n., 1959 (UCB1369850).

- A. microcephala*  
Armitage, I.B. 890 (PERTH); Lazarides, M. and Speck, N.H. 4532 (BRI).
- A. microneura*  
Ashby, A.M. 4681 (PERTH); Burleigh, N.T. 1920 (BRI).
- A. microsperma*  
Hall, N. H78/19 (PERTH).
- A. mimula*  
Dunlop, C.R. 4556 (PERTH); Rankin, M.O. 2021 (BRI).
- A. minutifolia*  
Latz, P.K. 2280 (PERTH); Maconochie, J.R. 824 (BRI).
- A. mitchellii*  
Boorman, J.L. s.n., 1913 (UCB175102); Coveny, R. 2234 (PERTH);  
Streimann, H. s.n. (BRI193251).
- A. moirii*  
Cranfield, R.J. 264 (PERTH); Maslin, B.R. 977 (PERTH); Maslin, B.R.  
4384 (PERTH); Tindale, M.D. 3816 (BRI).
- A. mollifolia*  
Coveny, R. 2531 (UCB); Hall, N. H78/11 (PERTH); Ingram, C.K. NSW64404  
(BRI).
- A. montana*  
Armitage, I.B. 1018 (BRI); Constable, E.F. 5240 (UCB); Whibley, D.J.E.  
4210 (PERTH).
- A. monticola*  
Davidson, D. 13 (PERTH); Schmid, A. 502 (BRI).
- A. mooreana*  
Maslin, B.R. 3788 (PERTH).
- A. mountfordae*  
Dunlop, C.R. 4973 (PERTH); Hartley, T.G. 13723 (BRI).
- A. mucronata*  
Hall, N. H80/122 (PERTH); Kilgour, R.A. 62 (BRI).
- A. muellerana*  
Armitage, I.B. 988 (PERTH); Coveny, R. 2370 (UCB); Michael, N. 2975  
(BRI); Stevenson, M.R. s.n. (BRI8851).
- A. multilineata*  
Maslin, B.R. 5077 (PERTH); Pedley, L. 2386 (BRI).
- A. multisiliqua*  
Hinz, D. 741611 (PERTH); Simon, B. 104 (BRI).
- A. multispicata*  
Ashby, A.M. 4300 (UCB); Jack, B. 4 (PERTH); Pedley, L. 850 (BRI).
- A. murrayana*  
Ashby, A.M. 4829 (PERTH); Clemens, M.S. s.n., 1945 (UCB M089253);  
McDonald, T.J. 432 (BRI).
- A. murrumboensis*  
No specimen tested.
- A. myrtifolia*  
Coveny, R. 4809 (UCB); Kraehenbuehl, D.N. 3163 (BRI); Maslin, B.R. 3776  
(PERTH); McDonald, W.J.F. 1014 (BRI); Schock, F.M. s.n., 18 Oct. 1916  
(PERTH).
- A. nanodealbata*  
Constable, E.F. 5274 (BRI, PERTH).
- A. nelsonii*  
Maconochie, J.R. 466 (BRI); Maconochie, J.R. 2505 (PERTH); Maconochie,  
J.R. 2506 (BRI).
- A. neriifolia*  
Clemens, M.S. 44665 (UCB); Coveny, R. 2094 (UCB); Johnson, R.W. 900  
(BRI); Simmons, J. and M. 1121 (PERTH).
- A. nervosa*  
Koch, M. 1402 (BRI); Maslin, B.R. 752 (PERTH).

- A. nesophila*  
Birch, W.R. I/227 (BRI).
- A. neurophylla*  
Maslin, B.R. 4479 (PERTH); Tindale, M.D. 1354 (BRI).
- A. newbeyi*  
Newbey, K. 4259 (PERTH).
- A. nigricans*  
Kuchel, R.H. 1656 (UCB); Weston, A.S. 9376 (PERTH).
- A. nigripilosa*  
Demarz, H. 5798 (PERTH); Maslin, B.R. 2357 (BRI).
- A. nitidula*  
Cumming, R.J. 1037 (PERTH); Gardner, C.A. s.n. (PERTH); Jackson, E.N.S. 3441 (PERTH); Maslin, B.R. 2561 (PERTH); Paust, S. 485 (PERTH); Weston, A.S. 8887 (PERTH); Wilson, P.G. 5557 (PERTH).
- A. nodiflora*  
Maslin, B.R. 4272 (PERTH).
- A. nodiflora* var. *ferox*  
Maslin, B.R. 3945 (PERTH).
- A. notabilis*  
Alcock, C.R. 1256 (UCB); Royce, G.N. s.n., Aug. 1973 (PERTH); Symon, D.E. 8052 (BRI); Whibley, D.J.E. 2008 (PERTH).
- A. numerosa*  
No specimen tested.
- A. nuperrima*  
Cole, M. 5121 (BRI); Dunlop, C.R. 5761 (PERTH); Must, J. 1080 (BRI).
- A. nyssophylla*  
Coveny, R. 8427 (BRI); Newbey, K. 6864 (PERTH).
- A. obliquinervia*  
Constable, E.F. 5278 (UCB); Kilgour, R.A. 74 (BRI); Ross, J.H. 2472 (PERTH).
- A. obovata*  
Maslin, B.R. 3045 (PERTH).
- A. obtecta*  
Beard, J.S. 4978 (PERTH).
- A. obtusata*  
Coveny, R. 2904 (UCB); Coveny, R. 2911 (PERTH); Coveny, R. 4084 (BRI).
- A. obtusifolia*  
Constable, E.F. NSW22245 (UCB); Coveny, R. 832 (PERTH); Coveny, R. 2911 (PERTH); Forster, P. 879 (BRI).
- A. oldfieldii*  
Jackson, E.N.S. 3172 (PERTH); Maslin, B.R. 2778 (BRI).
- \**A. olgana*  
Maconochie, J.R. 1646 (PERTH); Maconochie, J.R. 2532 (\*PERTH); Whibley, D.J.E. 6584 (\*BRI).
- A. oligoneura*  
No specimen tested.
- A. oligophleba*  
Beeston, G.R. 1060C (BRI); Simmons, J. and M. 1095 (PERTH).
- A. olsenii*  
No specimen tested.
- A. omalophylla*  
Constable, E.F. NSW4460 (UCB); Hall, N. H78/80 (PERTH); Pedley, L. 588 (BRI); Pedley, L. 2414 (BRI).
- A. oncinocarpa*  
Perry, N. 122 (PERTH); Pullen, R. 9482 (BRI).
- A. oncinophylla*  
Cranfield, R.J. 1003/79 (PERTH).

- A. oraria*  
Clarkson, J.R. 3123 (BRI); Maconochie, J.R. 1713 (PERTH); no collector, s.n., 1896 (UCB13228).
- A. orbifolia*  
Coveny, R. 7787 (PERTH); Tindale, M.D. 2662 (UCB).
- A. orites*  
Constable, E.F. NSW78909 (BRI); Coveny, R. 4450 (PERTH).
- A. orthocarpa*  
Byrnes, N.B. 2572 (BRI); Gordon, D.M. 3372 (BRI); Petterson, R.J.P. 468 (PERTH).
- A. orthotricha*  
Chippendale, G. NT5943 (BRI); Maslin, R.F. s.n., June 1979 (PERTH).
- A. oshanesii*  
Clemens, M.S. s.n., 1948 (UCB M089279); Coveny, R. 4601 (PERTH); Gillieatt, J. 266 (BRI).
- A. oswaldii*  
Hockings, F.D. s.n. (BRI194448); Maslin, B.R. 4808 (PERTH); Smith, L.S. 3479 (BRI); Whaite, T. and J. NSW31912 (UCB).
- A. oxycedrus*  
Coveny, R. 4877 (UCB); Hall, N. H80/113 (PERTH); Ross, J.H. 2573 (BRI).
- A. oxyclada*  
Demarz, H. 7758 (PERTH).
- A. pachyacra*  
Maslin, B.R. 4611 (PERTH).
- A. pachycarpa*  
Done, C. 461 (PERTH); Maconochie, J.R. 2457 (BRI).
- A. pachyphloia*  
Rankin, M.O. 1282 (BRI).
- A. pachypoda*  
Maslin, B.R. 4825 (PERTH).
- A. pallidifolia*  
Provan, D. 170 (BRI).
- A. palustris*  
Everist, S.L. 9146 (BRI); Mitchell, A.A. 893 (PERTH).
- A. papyrocarpa*  
Forde, N. 566 (BRI); Jackson, E.N.S. 1203 (UCB); Maslin, B.R. 4811 (PERTH); McLean, D. 1 (BRI).
- A. paradoxa*  
Ball, C.B. s.n. (PERTH); Booth, E.S. 22 (UCB); Constable, E.F. 6121 (UCB); Thorne, R.F. and Eichler, H. s.n. (BRI326584).
- \**A. parramattensis*  
Calway, J. s.n. (\*BRI266710); Constable, E.F. NSW53747 (UCB); Constable, E.F. NSW53893 (UCB); Corrick, M.G. 7021 (BRI); Gray, M. 5968 (BRI); Maslin, B.R. 3980 (PERTH); Scarth-Johnson, V. 10 (BRI); Tindale, M.D. NSW48970 (UCB).
- A. parvipinnula*  
Hall, N. H79/57 (PERTH); Tindale, M.D. NSW48873 (BRI).
- A. pataczekii*  
No specimen tested.
- A. pellita*  
Hartley, T.G. 14449 (BRI); Maslin, B.R. 4932 (PERTH).
- A. pendula*  
Hall, N. H77/66 (PERTH); Tindale, M.D. NSW63773 (UCB); Wilson, R. s.n. (BRI194753).
- A. penninervis*  
Constable, E.F. 4756 (UCB); Hubbard, C.E. 3124 (BRI); Pedley, L. 4071 (PERTH); Sharpe, P. 958 (BRI).

- A. pentadenia*  
Maslin, B.R. 4063 (PERTH); Went, F.W. and C.W. B-118 (UCB); Webb, L.J. 2908 (BRI).
- A. perangusta*  
No specimen tested.
- A. perryi*  
Gittins, C.H. 2379 (BRI); Perry, N. 90 (PERTH).
- A. petraea*  
Beeston, C.R. 1061C (BRI); Simmons, J. and M. 1080A (PERTH); Smith, L.S. 6005 (BRI).
- A. peuce*  
Forde, N. 787 (BRI); Henshall, T.S. 1067 (PERTH); Lothian, T.R.N. and Francis, D.E. 463 (UCB); Miehlan, J.F. s.n. (BRI14944).
- A. phaeocalyx*  
Maslin, B.R. 4107 (PERTH).
- A. pharangites*  
Maslin, B.R. 4427 (PERTH); Rye, B.L. 80001 (BRI).
- A. phasmoides*  
Willis, J.H. s.n., 8 Dec. 1974 (PERTH); Willis, J.H. and Rogers, K.C. s.n. (BRI22778).
- A. phlebocarpa*  
George, A.S. 15164 (PERTH); Pedley, L. 2040 (BRI).
- A. phlebopetala*  
Maslin, B.R. 3885 (PERTH); Maslin, B.R. 3890 (PERTH).
- A. phlebophylla*  
No specimen tested.
- A. pickardii*  
Latz, P.K. 6790 (PERTH); Latz, P.K. 8516 (BRI).
- A. pilligaensis*  
Chippendale, G. and Constable, E.F. NSW19475 (UCB); Coveny, R. 2326 (BRI).
- A. pilosa*  
Cumming, R.J. 1024 (PERTH); Maslin, B.R. 1057 (BRI).
- A. pinguifolia*  
Copley, B. 3124 (PERTH); Gauba, E. 6028 (BRI).
- A. platycarpa*  
Hyland, B. 8116 (BRI); Lullfitz, F. s.n., 13 Dec. 1978 (PERTH).
- A. plectocarpa*  
Adams, L.G. 2812 (BRI); George, A.S. 13478 (PERTH).
- A. plicata*  
Maslin, B.R. 4358 (PERTH); Maslin, B.R. s.n. (BRI194986).
- A. podalyriifolia*  
Boorman, J.L. s.n., 1913 (UCB176256); Gittins, C.H. T56 (BRI); Johnson, R.W. 838 (BRI); Maslin, B.R. 3978 (PERTH); Saffrey, R.A. 1771 (PERTH).
- A. polifolia*  
Pedley, L. 4108 (BRI); Simmons, J. and M. 1105 (PERTH).
- A. poliochroa*  
Newbey, K. 6025 (PERTH).
- A. polybotrya*  
Boorman, J.L. s.n., 1913 (UCB176257); Coveny, R. 7246 (BRI); Hall, N. H78/15 (PERTH); Pedley, L. 4075 (BRI).
- A. polystachya*  
Coveny, R. 7049 (UCB); Morton, A. 1530 (BRI); Tucker, R. AP22 (BRI).
- A. praelongata*  
Blake, S.T. 16795 (BRI); Byrnes, N. 1035 (PERTH).
- A. praetermissa*  
Dunlop, C.R. 5156 (BRI).

- A. prainii*  
Newbey, K. 5877 (PERTH); Maslin, B.R. 2419 (BRI); Maslin, B.R. 3937 (PERTH).
- A. pravifolia*  
Copley, B. 3070 (PERTH); Tindale, M.D. 420 (BRI).
- A. pravissima*  
Coveny, R. 2706 (BRI, PERTH); Rodd, A. and Coveny, R. 2582 (UCB).
- A. preissiana*  
Saffrey, R.A. 1762 (PERTH).
- A. prismifolia*  
No specimen tested.
- A. pritzeliana*  
Newbey, K. 8120 (PERTH).
- A. producta*  
Craven, L.A. 4167 (BRI); Maconochie, J.R. 1470 (PERTH).
- A. prominens*  
Maslin, B.R. 3749 (PERTH); Tindale, M.D. s.n., 1961 (UCB M225061); White, C.T. 9163 (BRI).
- A. proxima*  
Demarz, H. 7101 (PERTH).
- A. pruinocarpa*  
Gittins, C.H. 2252 (BRI); Maslin, B.R. 4592 (PERTH); Nelson, D.J. 1816 (BRI); Wilcox, D.G. NSW102614 (UCB).
- A. pruinosa*  
Coveny, R. 2101 (BRI, PERTH); de Benzerille, W.A.W. s.n., 1916 (UCB199539).
- A. ptychoclada*  
Constable, E.F. 6134 (UCB); Coveny, R. 4091 (BRI); Tindale, M.D. s.n., 28 Jan. 1961 (PERTH).
- A. ptychophylla*  
Maslin, B.R. 4665 (BRI); Maslin, B.R. 4946 (PERTH).
- A. pubescens*  
Constable, E.F. 7333 (BRI, PERTH, UCB).
- A. pubicosta*  
Sharpe, P. 989 (BRI).
- \**A. pubifolia*  
Coveny, R. 1936 (\*BRI); Hall, N. H83/16 (\*PERTH); Hall, N. H83/17 (\*PERTH); Tindale, M.D. s.n., 5 Jan. 1969 (\*PERTH).
- A. pubirhachis*  
Coveny, R. 7189 (PERTH); Tracey, J.G. and Webb, L.J. 13545 (BRI).
- A. pulchella*  
Doore, L.A. s.n., 1934 (UCB1367253); Phillips, G. for Ashby, A.M. 3854 (UCB); Tindale, M.D. 2636 (UCB); Webb, L.J. 2966 (BRI).
- A. pulchella* var. *pulchella*  
Canning, E.M. WA/686784 (PERTH); Cranfield, R.J. 419E (PERTH); Demarz, H. 7516 (PERTH); Johnson, D.P. LL016 (PERTH); Keighery, G.J. 1048 (PERTH); Kenneally, K.F. 71/8/1 (PERTH); Kenneally, K.F. s.n., 3 Dec. 1972 (PERTH); Maslin, B.R. 1688 (PERTH); Maslin, B.R. 4178 (PERTH); Maslin, B.R. 4362 (PERTH); Seabrook, J. 582 (PERTH); Tindale, M.D. 132 (PERTH); Tindale, M.D. 3914 (UCB).
- A. pulchella* var. ? *pulchella* x *reflexa*  
Cumming, R.J. 1339 (PERTH); Maslin, B.R. 3235 (PERTH); Maslin, B.R. s.n., no date (PERTH); Tindale, M.D. 1267 (PERTH).
- \**A. pulchella* var. *glaberrima* (sensu typico)  
Hart, A. 2 (PERTH); Keighery, G. 3353 (\*PERTH); Maslin, B.R. 1612 (\*PERTH); Maslin, B.R. 1626 (PERTH); Maslin, B.R. 3238 (PERTH); Maslin, B.R. 4363 (PERTH).
- A. pulchella* var. *glaberrima* (Dunsborough variant)  
Maslin, B.R. 467 (PERTH); Royce, R.D. 3170 (PERTH).



- \*A. *pulchella* ? var. *glaberrima* (Fitzgerald River variant)  
Allan, K.M. 349 (\*PERTH); Aplin, T.E.H. 3205 (\*PERTH); George, A.S.  
10113 (\*PERTH); Maslin, B.R. 1047 (\*PERTH); Saffrey, R.A. 1455 (\*PERTH).
- \*A. *pulchella* ? var. *glaberrima* (Wannamal variant)  
Cumming, R.J. 865 (\*PERTH); Hart, A. 1 (\*PERTH); Maslin, B.R. 3118  
(PERTH); Maslin, B.R. 3227 (PERTH); Maslin, B.R. 4345 (\*PERTH).
- A. *pulchella* ? var. *glaberrima* (status uncertain)  
Beard, J.S. and Lullfitz, F.917/62 (PERTH); Hnatiuk, R. 760085 (PERTH).
- \*A. *pulchella* var. *goadbyi* (sensu typico)  
Maslin, B.R. 1083 (\*PERTH).
- \*A. *pulchella* ? var. *goadbyi* (perhaps var. *glaberrima* x *goadbyi*)  
Kenneally, K.F. s.n., 25 Nov. 1973 (\*PERTH); Maslin, B.R. 626 (\*PERTH);  
Maslin, B.R. 638 (\*PERTH); Maslin, B.R. 639 (\*PERTH); Maslin, B.R.  
1121 (\*PERTH).
- \*A. *pulchella* var. *reflexa*  
Maslin, B.R. 4339 (\*PERTH).
- \*A. *pulchella* var. *subsessilis*  
Koch, J.M. N11 (\*PERTH).
- A. *pulviniformis*  
Ashby, A.M. 4652 (PERTH).
- A. *purpureapetala*  
Armitage, I.B. s.n. (PERTH); Armstrong, J. 1024 (BRI).
- A. *pustula*  
Coveny, R. 6755 (UCB); Telford, I.R. 5841 (BRI).
- A. *pycnantha*  
Booth, E.S. 17 (UCB); Corrick, M.G. 7461 (BRI); Hall, N. H79/99 (PERTH);  
Kraehenbuehl, D.N. 257 (UCB).
- A. *pycnoccephala*  
Maslin, B.R. 4063 (PERTH).
- A. *pycnostachya*  
\*Coveny, R. 2249 (PERTH).
- A. *pyrifolia*  
Ashby, A.M. 4495 (PERTH); Gittins, C.H. 2333 (BRI); Maslin, B.R. 4614  
(PERTH).
- A. *quadrilateralis*  
Armitage, I.B. 802 (PERTH); Coveny, R. 2191 (PERTH, UCB); Gillieatt, J.  
171 (BRI).
- A. *quadriflorata*  
Maslin, B.R. 1870 (PERTH); Pedley, L. 828 (BRI).
- A. *quadriflorata*  
Maslin, B.R. 3151 (PERTH).
- A. *quormensis*  
Copley, B. 3247 (PERTH).
- A. *ramiflora*  
Rebgetz, R.H. 778 (BRI).
- A. *ramosissima*  
Maslin, B.R. 2587 (PERTH).
- A. *ramulosa*  
Gasteen, W.J. 311 (BRI); Maslin, B.R. 3622 (PERTH).
- A. *redolens*  
Leiser, A.T. s.n., Sept. 1974 (PERTH); Tindale, M.D. 3795 (BRI).
- A. *rendlei*  
Maslin, B.R. 4835 (PERTH).
- A. *resinicostata*  
Tindale, M.D. 669 (BRI).
- \*A. *resinomarginea*  
Chinnock, R.J. 3093 (PERTH); Coveny, R. 7094 and Maslin, B.R. (PERTH);  
Cumming, R.J. 1439 (PERTH); Donner, N.N. 1354 (PERTH); Haegi, L. 1099

- \**A. resinomarginea* (cont.)  
 (\*PERTH); Maslin, B.R. 2008 (\*PERTH); Maslin, B.R. 3972 (PERTH); Maslin, B.R. 7904 (BRI).
- A. resinostipulea*  
 Newbey, K. 6247 (PERTH).
- A. restiacea*  
 Demarz, H. 6852 (PERTH); Hnatiuk, R.J. 760527 (PERTH); Maslin, B.R. 3239 (BRI).
- A. retinervis*  
 Kenneally, K.F. 4383 (BRI); Wilson, P.G. 10983 (PERTH).
- A. retinodes*  
 Pedley, L. 2380 (BRI); Schodde, R. 604 (UCB); Selk, G. 2103 (PERTH).
- A. retivenia*  
 Hockings, F.D. 260 (BRI); Symon, D.E. 10294 (PERTH).
- A. retrorsa*  
 Griffin, E.A. 2107 (PERTH).
- A. rhotinocarpa*  
 Copley, B. 4531 (PERTH); Hill, R. 1038 (UCB); Thorne, R.F. and Eichler, H.J. s.n. (BRI326425).
- A. rhigiophylla*  
 Whibley, D.J.E. 4197 (PERTH).
- A. rhodophloia*  
 Ashby, A.M. 4830 (PERTH); Bailey, E.T. 1-28 (\*PERTH); Bannister, J. s.n., 19 May 1968 (PERTH); Beard, J.S. 6727 (PERTH); Beard, J.S. 7095 (PERTH); Brockway, G.E. s.n., 12 Oct. 1947 (PERTH); Burns, A.C. 37 (PERTH); Burns, A.C. 86 (PERTH); Butler, W.H. s.n., Oct. 1964 (PERTH); Davis, G. 43 (\*PERTH); Davis, G. 55 (\*PERTH); Dawe, C.G. 213 (PERTH); Demarz, H. 4396 (PERTH); Demarz, H. 4717 (PERTH); Demarz, H. 5681 (\*PERTH); Demarz, H. 6965 (PERTH); Demarz, H. 7014 (\*PERTH); Edgecombe, W.B. 7 (PERTH); Edinger, D.J. 118 (PERTH); Edmiston, R. 278 (PERTH); Fairall, A. 1927 (PERTH); Fairall, A. 2043 (PERTH); Gardner, C.A. 2317 (PERTH); Gardner, C.A. 2353 (PERTH); George, A.S. 2967 (PERTH); George, A.S. 4661 (PERTH); George, A.S. 5455 (PERTH); George, A.S. 5466 (PERTH); George, A.S. 12001 (PERTH); Gillet, M. 42 (PERTH); Gordon, D.M. 3833 (PERTH); Hewitt, D. 15 (PERTH); \*Hill, R. and Lothian, T.R.N. 838 (two PERTH sheets tested, one gave positive and one gave negative results); Hopper, S.D. 1431 (PERTH); Hopper, S.D. 2799 (PERTH); Hopper, S.D. 2824 (PERTH); Hopper, S.D. 2886 (PERTH); Ibbotson, A.W. s.n., no date (PERTH); Lullfitz, F. 4322 (PERTH); Maconochie, J.R. 813 (\*PERTH); Maconochie, J.R. 1373 (PERTH); Maconochie, J.R. 1400 (PERTH); Maconochie, J.R. 1926 (\*PERTH); Maslin, B.R. 2788 (PERTH); Maslin, B.R. 3152 (PERTH); Maslin, B.R. 3339 (PERTH); Maslin, B.R. 3609 (PERTH); Maslin, B.R. 4568 (\*PERTH); Maslin, B.R. 4608 (PERTH); Maslin, B.R. 5191 (PERTH); Maslin, B.R. 5199 (PERTH); Melville, G.F. E229 (PERTH); Midgley, S.J. 588 (PERTH); Midgley, S.J. 601 (PERTH); Midgley, S.J. 635 (PERTH); Midgley, S.J. 645 (PERTH); Midgley, S.J. 646 (PERTH); Mitchell, A.A. 218 (PERTH); Mitchell, A.S. 592 (PERTH); Phillips, G. for Ashby, A.M. 4830 (PERTH); Smith, C.D.R. s.n., 25 June 1979 (PERTH); Speck, N.H. 984 (PERTH); Tindale, M.D. 2734 (PERTH); Tindale, M.D. 2738 (PERTH); Trudgen, M. 2573 (PERTH); Wilcox, D.G. s.n., June 1970 (PERTH); Wilson, H.M. 28 (\*PERTH); Wilson, P.G. 7440 (PERTH); No collector, s.n., Meekatharra, June 1937 (PERTH).
- A. rhodoxylon*  
 Charles, D.J. 1 (BRI); Coveny, R. 6836 and Hind, P. (UCB); Hall, N. H78/66 (PERTH).
- A. riceana*  
 Gray, A.M. 400 (PERTH).

- A. richardsii*  
Hartley, T.G. 14389 (PERTH); Kenneally, K.F. 7523 (PERTH); Lazarides, M. 8542 (BRI); Maslin, B.R. 5144 (PERTH); Maslin, B.R. 5144A (PERTH); Maslin, B.R. 5150.
- A. ridleyana*  
Maslin, B.R. 4179 (PERTH).
- A. rigens*  
Beauglehole, A.C. 30907 (BRI); Blaylock, B.J. 109 (UCB); Taylor, J. 477 (PERTH).
- A. rivalis*  
Armitage, I.B. 976 (BRI, PERTH); Kraehenbuehl, D.N. s.n., 1962 (UCB M253954).
- A. robinae*  
Maslin, B.R. 3766 (PERTH).
- A. rossei*  
Crisp, M.D. 1103 (PERTH); Crisp, M.D. 6561 (BRI).
- A. rostelifera*  
Cumming, R.J. 1060 (PERTH); Jones, M.H. s.n., 1934 (UCB1367200); Story, R. 8233 (BRI).
- A. rothii*  
Coveny, R. 7039 and Hind, P. (UCB); Maconochie, J.R. 2713 (BRI).
- A. roycei*  
Maslin, B.R. 3719 (BRI); Payne, A.L. 34 (PERTH).
- A. rubida*  
Coveny, R. 2933 (UCB); Mukee, H.S. 9571 (BRI); Pedley, L. 1524 (BRI); Willis, J.H. s.n., 18 Oct. 1973 (PERTH).
- A. rupicola*  
Beauglehole, A.C. 49721 (BRI); Orchard, A.E. 2528 (UCB); Whibley, D.J.E. 1887 (PERTH).
- A. ruppii*  
Clemens, M.S. 44746 (BRI); Coveny, R. 3910 (PERTH); Coveny, R. 4980 and Lander, N. (UCB); Coveny, R. 5200 (UCB).
- A. saliciformis*  
Constable, E.F. 2081 (BRI); Constable, E.F. 7185 (UCB); Constable, E.F. s.n., 28 Sept. 1959 (PERTH).
- A. salicina*  
Everist, S.L. s.n. (BRI 15344); Hall, N. H78/65 (PERTH); Weber, J.Z. 980 (UCB).
- A. saligna*  
Ashby, A.M. 4342 (UCB); Beard, J.S. 7805 (PERTH); Constable, E.F. 5221 (UCB); Maslin, B.R. 2814 (BRI).
- A. saxatilis*  
Chapman, C. s.n., 11 Sept. 1979 (PERTH); Maslin, B.R. 1816 (BRI).
- A. saxicola*  
Cuttings 772015 (BRI).
- A. scabra*  
No specimen tested.
- A. scalpelliformis*  
Cumming, R.J. 917 (PERTH).
- A. schinoides*  
Coveny, R. 5863 (PERTH); Hall, N. H83/6, 7, 8 (all PERTH).
- A. sciophanes*  
Blackall, W.E. 848 (PERTH).
- A. scirpifolia*  
Coveny, R. 3035 (UCB); Maslin, B.R. 723 (BRI); Maslin, B.R. 4975 (PERTH).
- A. sclerophylla*  
Chinnock, R.J. 2838 (UCB); Hall, N. H80/76 (PERTH); Pedley, L. 848 (BRI); Tindale, M.D. 573 (BRI).

- A. sclerophylla* var. *teretiuscula*  
W.A. Museum Survey, s.n., 15 Nov. 1972 (PERTH).
- A. sclerosperma*  
Ashby, A.M. 2210 (UCB); Hall, T. s.n., 21 Oct. 1981 (PERTH); Maslin, B.R. 4732 (PERTH).
- A. sedifolia*  
Muir, B.G. 142 (PERTH).
- A. semicircinalis*  
Maslin, B.R. 4806 (PERTH).
- A. semilunata*  
Coveny, R. 6810 and Hind, P. (BRI, UCB); Perry, R. 95 (PERTH).
- A. semirigida*  
Sharpe, P. 1021 (BRI); Simmons, J. and M. 1114 (PERTH).
- A. semitrullata*  
Maslin, B.R. 3988 (PERTH); Maslin, B.R. 4196 (PERTH).
- A. sericata*  
Dunlop, C.R. 4926 (BRI); George, A.S. 12486 (PERTH).
- A. sericoflora*  
Gittins, C.H. 2666 (BRI).
- A. sessiliceps*  
Chippendale, G. NT6618 (BRI); Nelson, D.J. 2251 (PERTH).
- A. sessilis*  
Ashby, A.M. 3786 (UCB); Griffin, E.A. 1711 (PERTH).
- A. sessilispica*  
Maslin, B.R. 2347 (BRI); Newbey, K. 5506 (PERTH).
- A. setulifera*  
No specimen tested.
- A. shirleyi*  
Maconochie, J.R. 2350 (PERTH); Purdie, R.W. 1023 (BRI); Spencer, R. s.n., 1911 (UCB489629).
- A. shuttleworthii*  
Maslin, B.R. 3758 (PERTH).
- A. sibilans*  
Beard, J.S. 6623 (PERTH); Maslin, B.R. 5025 (PERTH).
- \**A. sibina*  
Donner, N.N. 4507 (\*PERTH); Maslin, B.R. 3172 (\*PERTH).
- A. sicutiformis*  
Coveny, R. 5680 and Lander, N. (BRI, UCB); Hall, N. H77/127 (PERTH).
- \**A. signata*  
Coveny, R. 8355 and Haberley, B. (\*UCB); Demarz, H. 7935 (\*PERTH); Maslin, B.R. 3410 (\*BRI); Maslin, B.R. 3536A (\*PERTH); Telford, I.R. 6706 (\*PERTH).
- A. silvestris*  
Constable, E.F. 7423 (BRI); Coveny, R. 2925 (UCB); Van Rees, H. 009 (PERTH).
- A. simsi*  
Coveny, R. 6919 and Hind, P. (PERTH, UCB); Ridsdale, C.E., NGF33576 (BRI).
- A. simulans*  
Maslin, B.R. 3482 (BRI, PERTH).
- A. solandri*  
Coveny, R. 6922 (PERTH); Coveny, R. 6926 and Hind, P. (UCB); Pedley, L. 1035 (BRI).
- A. sophorae*  
Donner, N.N. 2042 (UCB); Hall, N. H80/24 (PERTH); Trapnell, G. s.n. (BRI196544).
- A. sorophylla*  
Newbey, K. 8062 (PERTH).

- A. spania*  
No specimen tested.
- \**A. sparsiflora*  
Bancroft, D.T. s.n., Mar. 1918 (\*UCB489620); Bancroft, D.T. s.n., Nov. 1918 (\*UCB489621); Bancroft, D.T. s.n., Sept. 1921 (\*UCB862191); Bancroft, T.L. 4800 (\*BRI); Hockings, F.D. s.n. (\*BRI196561); Pedley, L. 386 (\*BRI); Pedley, L. 915 (\*BRI); Pedley, L. 1740 (\*BRI); Pedley, L. 2788 (\*BRI); Simmons, J. and M. 1125 (\*PERTH); Tindale, M.D. and Boyland, D. 677 (\*BRI); White, C.T. 9702 (\*BRI).
- A. spathulifolia*  
Maslin, B.R. 703 (PERTH); Tindale, M.D. 1342 (BRI).
- A. spectabilis*  
Clemens, M.S. 44547 (UCB); Hall, N. H78/27 (PERTH); Reynolds, S.T. 7843 (BRI).
- A. sphacelata*  
Hnatiuk, R.J. 770165 (PERTH); Phillips, G. 80 (BRI).
- A. sphaerostachya*  
Maslin, B.R. 4943 (PERTH).
- A. spinescens*  
Czornig, K. 777 (BRI); Donner, N.N. 158 (UCB); Hall, N. H80/88 (PERTH).
- A. spinosissima*  
Cumming, R.J. 1346 (PERTH).
- A. spondylophylla*  
Latz, P.K. 5771 (BRI); Maslin, B.R. 640 (PERTH).
- A. squamata*  
Maslin, B.R. 640 (PERTH).
- A. steedmani*  
Maslin, B.R. 576 (BRI); Mitchell, A.S. 514 (PERTH).
- A. stenophylla*  
Clemens, M.S. s.n., 1945 (UCB M089227); Davidson, D. s.n. (BRI197955); Done, C. 460 (PERTH); Ebersohn, J.P. 49 (BRI); Perry, R.A. 5554 (BRI).
- A. stenoptera*  
Coveny, R. 3121 (BRI); Coveny, R. 8065 (PERTH); Maslin, B.R. 4159 (PERTH).
- A. stereophylla*  
Bellairs, D.R. and B. 1629 (PERTH); Burns, A.C. 1003 (PERTH); Tindale, M.D. 97 (BRI).
- A. stigmatophylla*  
Hartley, T.G. 14767 (BRI, PERTH).
- A. stipuligera*  
Chippendale, G. NT3113 (BRI); Maslin, B.R. 4891 (PERTH); Weber, J.Z. 1067 (UCB).
- A. stipulosa*  
No specimen tested.
- A. storyi*  
Lazarides, M. and Story, R. 50 (PERTH).
- A. stowardii*  
Atkins, K. 1087 (\*PERTH); Atkins, K. 1205 (PERTH); Atkins, K. 1227 (PERTH); Atkins, K. 1228 (PERTH); Atkins, K. 1229 (PERTH); Atkins, K. 1233 (PERTH); Atkins, K. 1234 (PERTH); Atkins, K. 1235 (PERTH); Atkins, K. and Wurm, P. 8011 (PERTH); Beard, J.S. 6506 (PERTH); Blake, S.T. 12110 (BRI); Brooker, M.G. 186 (PERTH); Burbidge, N.T. and Gray, M. 4600 (PERTH); Campbell, W.D. 166 (PERTH); Campbell, W.D. s.n., Aug. 1899 (PERTH); Chinnoek, R.J. 632 (PERTH); Crisp, M.D. 952 (PERTH); Cumming, R.J. 1913 (PERTH); Dawe, C.G. 001 (\*PERTH); Dawe, C.G. 003 (PERTH); Dawe, C.G. 215 (PERTH); Dawe, C.G. 216 (\*BRI, \*PERTH); Edinger, D.J. 100 (PERTH); Edinger, D.J. 111 (PERTH); Edmiston, R. 107 (PERTH); Fox, J. 3122 (PERTH); George, A.S. 4172 (PERTH); George, A.S. 8329 (PERTH);

*A. stowardii* (cont.)

George, A.S. s.n., Oct. 1966 (PERTH); Gibbons, K.J. 237 (PERTH); Gibbons, K.J. s.n. (PERTH); Hall, N. H76/61 (PERTH); Henry, N.M. 511 (PERTH); Henry, N.M. 926 (PERTH); Henry, N.M. 1026 (PERTH); Kuchel, R.H. 1761 (UCB); Latz, P.K. 2551 (PERTH); Latz, P.K. 5237 (PERTH); Latz, P.K. 5647 (PERTH); Latz, P.K. 6791 (PERTH); Lipinski, R. 175 (PERTH); Maconochie, J.R. 1844 (PERTH); Maconochie, J.R. 1922 (PERTH); Maslin, B.R. 1932 (PERTH); Maslin, B.R. 1934 (PERTH); Maslin, B.R. 1948 (PERTH); Maslin, B.R. 2072 (PERTH); Maslin, B.R. 2080 (PERTH); Maslin, B.R. 2142 (PERTH); Maslin, B.R. 2187 (PERTH); Maslin, B.R. 2188 (PERTH); Maslin, B.R. 2408 (PERTH); Maslin, B.R. 4221 (PERTH); Maslin, B.R. 4225 (PERTH); Maslin, B.R. 4605 (\*PERTH); Maslin, B.R. 4605A (\*PERTH); Maslin, B.R. 4649 (PERTH); Maslin, B.R. 4650 (PERTH); Maslin, B.R. 4655 (\*PERTH); Maslin, B.R. 4664 (PERTH); Maslin, B.R. 4664A (PERTH); Maslin, B.R. 4680 (\*PERTH); Maslin, B.R. 4848 (PERTH); Maslin, B.R. 4854 (PERTH); Maslin, B.R. 5274 (\*PERTH); Maslin, B.R. 5283 (PERTH); Matiske, L. s.n., 3 Sept. 1980 (PERTH); McInnes, M. s.n., 5 Oct. 1971 (PERTH); Mitchell, A.A. 329 (PERTH); Mitchell, A.S. 693 (PERTH); Newbey, K. 9132 (PERTH); Severne, B. 1013 (\*PERTH); Simmons, J. and M. 1070 (PERTH); Solomon, I. and E. 3 (PERTH); Solomon, I. and E. 4 (PERTH); Tindale, M.D. 1323 (PERTH); Trudgen, M.E. 1048 (PERTH); Trudgen, M.E. 1292 (PERTH); Trudgen, M.E. 2393 (PERTH); Trudgen, M.E. 2496 (PERTH); Trudgen, M.E. 2517 (PERTH); Trudgen, M.E. 2572 (PERTH); Trudgen, M.E. 2574 (PERTH); Trudgen, M.E. 2629 (PERTH); Walker, K. 91 (\*PERTH); Walker, K. 92 (PERTH); Walker, K. 99 (PERTH); Weber, J.Z. 2268 (PERTH); Williams, A.R. 2137 (PERTH); Wilson, P.G. 4057 (PERTH); Wilson, P.G. 10612 (\*PERTH); Woenne, S.T. s.n., Nov. 1971 (PERTH).

*A. striatifolia*

Coveny, R. 6821 (BRI).

*A. striatula*

Ashby, A.M. 4627 (PERTH).

*A. stricta*

Coveny, R. 2909 (UCB); Mitchell, B.A. s.n., Jan. 1977 (PERTH); Ross, J.H. 2545 (BRI).

*A. strongylophylla*

Everist, S.L. 7821 (BRI); Kuchel, R.H. 110 (UCB); Orchard, A.E. 808 (PERTH).

*A. suaveolens*

Auber, R. and Guh, R. s.n. (BRI196818); Coveny, R. 4878 (UCB); Jarman, S.J. s.n., 16 Aug. 1979 (PERTH).

*A. subcaerulea*

Demarz, H. 5343 (PERTH); Hockings, D. s.n. (BRI196833).

*A. suberosa*

Bennett, E.M. 1902 (PERTH); Maconochie, J.R. 237 (BRI).

*A. subflexuosa*

Demarz, H. 6162 (PERTH).

*A. sublanata*

Dunlop, C.R. and Adams, L.G. 2974 (BRI).

*A. subporosa*

Coveny, R. 2938 (UCB); Hoogland, R.D. 6422 (BRI); Maslin, B.R. 3752 (PERTH).

*A. subracemosa*

Maslin, B.R. 1677 (PERTH).

*A. subternata*

Henshall, T.S. 1653 (PERTH).

*A. subtessarogona*

Maslin, B.R. 2768 (BRI); Maslin, B.R. 4997 (PERTH).

- A. subtilinervis*  
Coveny, R. and Bisby, R. 3985 (BRI, PERTH).
- A. subulata*  
Coveny, R. 2421 (UCB); Pedley, L. s.n. (BRI196863); Simmons, J. and M. 1129A (PERTH).
- A. sulcata*  
Ashby, A.M. 4602 (PERTH); Brooker, M.I.H. 2750 (BRI); Cumming, R.J. 793 (PERTH); Cumming, R.J. 1025 (PERTH); Tindale, M.D. 3745 (BRI).
- \**A. sutherlandii*  
Anderson, E.R. 2183 (\*BRI); Hind, P. 1069 and Ingram, C.K. (\*PERTH); Perry, R.A. 1370 (\*BRI).
- A. symoni*  
Whibley, D.J.E. 6581 (PERTH).
- A. tanumbirinensis*  
Latz, P.K. 7247 (PERTH); Simon, B.K. 3109 (BRI).
- A. tarculensis*  
Lay, B. 283 (PERTH); Main, A.R. s.n., 27 Aug. 1955 (PERTH); Orchard, A.E. 946 (UCB); Symon, D.E. 1118 (PERTH).
- A. tayloriana*  
Maslin, B.R. 4398 (PERTH).
- A. tenuinervis*  
Handos, V. 309 (BRI).
- A. tenuior*  
No specimen tested.
- A. tenuispica*  
George, A.S. 13841 (PERTH); George, A.S. 14046 (PERTH); Kenneally, K.F. 4141 (PERTH); Kenneally, K.F. 4279 (PERTH); Maslin, B.R. 5151 (PERTH).
- A. tenuissima*  
Chapman, A.D. 1344 (BRI); Clemens, M.S. s.n., 1946 (UCB M089242); Mitchell, A.S. 637 (PERTH).
- A. tephрина*  
Blake, S.T. 5522 (BRI); Simmons, J. and M. 1084 (PERTH).
- A. teretifolia*  
Seabrook, J. 566 (PERTH).
- A. terminalis*  
Coveny, R. 2900 (BRI); Coveny, R. 2906 (UCB); Helms, S. 1349 (UCB); Jarman, S.J. 45 (PERTH); Kilgour, R.A. 216 (BRI).
- A. tetanophylla*  
Maslin, B.R. 3465 (PERTH); Tindale, M.D. 3824 (BRI).
- A. tetragonocarpa*  
Cumming, R.J. 1089 (PERTH).
- A. tetragonophylla*  
Constable, E.F. s.n., 1947 (UCB); Koch, M. s.n. (BRI363879); Maslin, B.R. 673 (PERTH).
- A. tindaleae*  
Hall, N. H78/18 (PERTH); Russell, G. 78/102 (BRI).
- A. torulosa*  
Beadle, N. s.n. (PERTH); Clarkson, J.R. 3428 (BRI); Coveny, R. 6995 and Hind, P. (UCB); Maconochie, J.R. 636 (BRI); Pedley, L. 2118 (BRI); Webb, L.J. and Tracey, J.G. 11074 (BRI).
- \**A. trachycarpa*  
Ashby, A.M. 4039 (\*UCB); Ashby, A.M. 4186 (UCB); Bailey, E.L. s.n., Oct./Nov. 1951 (PERTH); Barnett, G.F. s.n., 1938 (PERTH); Beard, J.S. 3603 (\*PERTH); Beard, J.S. 4484 (PERTH); Beard, J.S. 4950 (PERTH); Beard, J.S. 6140 (PERTH); Beard, J.S. 6935 (PERTH); Beaglehole, A.C. 11617 (PERTH); Blake, R. 52210 (PERTH); Blockley, J.V. 338 (PERTH); Boomsma, C.D. 338A (PERTH); Brockway, G.E. s.n., 24 May 1952 (PERTH); Brockway, G.E. s.n., May 1952 (PERTH); Brooker, M.I.H. 2056 (PERTH);

- \**A. trachycarpa* (cont.)  
 Burbidge, N.T. 751 (PERTH); Burbidge, N.T. 861 (PERTH); Burbidge, N.T. 1018 (PERTH); Burbidge, N.T. 1070 (PERTH); Burbidge, N.T. 1071 (PERTH); Burbidge, N.T. 1190 (PERTH); Burbidge, N.T. 1618 (PERTH); Burbidge, N.T. 1634 (PERTH); Butler, R. 4 (PERTH); Chapman, C. s.n., 4 Sept. 1974 (PERTH); Cleland, J.B. s.n. (PERTH); Cossalter, C. 1466 (PERTH); Demarz, H. 4415 (PERTH); Demarz, H. 5707 (PERTH); Demarz, H. 5744 (PERTH); Demarz, H. 8385 (PERTH); Ealey, E.H.M. 120 (\*PERTH); Gardner, C.A. 3071 (PERTH); Gardner, C.A. 6375 (PERTH); George, A.S. 9061 (PERTH); Gittins, C.H. 1489 (\*PERTH); Jackson, E.N.S. 2955 (PERTH); Jackson, E.N.S. 3004 (PERTH); Kenneally, K.F. 6833 (PERTH); Knox, J.R. 700808 (\*PERTH); Lullfitz, F. and Fairall, A. 2713 (PERTH); Maslin, B.R. 2637 (PERTH); Maslin, B.R. 2637A (\*PERTH); Maslin, B.R. 2744 (PERTH); Maslin, B.R. 4645 (PERTH); Maslin, B.R. 4687 (\*PERTH); Maslin, B.R. 4713 (BRI, PERTH); Maslin, B.R. 4714 (PERTH); McMillan, P. s.n., 15 July 1958 (PERTH); Morrison, A. s.n., 4 Oct. 1905 (PERTH); Pfeiffer, S.P. 26 (PERTH); Royce, R.D. 1720 (PERTH); Royce, R.D. 1746 (\*PERTH); Royce, R.D. 7491 (\*PERTH); Stone, B. 9 (PERTH); Suijendorp, H. 40 (PERTH); Weston, A.S. 10817 (\*PERTH); Willis, J.H. s.n., 4 Aug. 1974 (PERTH); Willis, J.H. s.n., 6 Aug. 1974 (PERTH); Wilson, P.G. 10377 (PERTH).
- A. trachyphloia*  
 Coveny, R. 2916 (PERTH); Tindale, M.D. NSW52181 (BRI).
- A. translucens*  
 Ashby, A.M. 4036 (UCB); Done, C. 520 (PERTH); Gittins, C.H. 2286 (BRI).
- A. trigonophylla*  
 Royce, R.D. 7834 (PERTH).
- A. trinervata*  
 Coveny, R. 840 (BRI); Coveny, R. 4100 (PERTH); Tindale, M.D. NSW51288 (UCB).
- A. trineura*  
 Constable, E.F. 7272 (BRI); Hall, N. H80/50 (PERTH).
- A. triptera*  
 Epps, F.C. 55/28 (BRI); Jackson, E.N.S. 2261 (PERTH); District Forester, s.n., 1932 (UCB499185).
- A. triptycha*  
 Maslin, B.R. 2531 (PERTH); Maslin, B.R. 3425 (BRI).
- A. tropica*  
 Craven, L.A. 4218 (BRI); Latz, P.K. 7408 (PERTH).
- A. truncata*  
 Maslin, B.R. 3797 (PERTH); Tindale, M.D. 3917 (BRI, UCB).
- A. tumida*  
 Andrew, M.H. 17 (BRI); Eichler, H.J. 17868 (UCB); Forde, N. 238 (BRI); Gittins, C.H. 2415 (BRI); Kenneally, K.F. 5537 (BRI); Maconochie, J.R. 1104 (BRI); Maslin, B.R. 4618 (BRI); Ollerenshaw, P. 1652 (BRI); Willing, T. 32 (PERTH).
- A. tysonii*  
 Maslin, B.R. 4237 (PERTH).
- A. ulicifolia*  
 Beaglehole, A.C. 30917 (BRI); Coveny, R. 2995 (UCB); Donner, N.N. 2594 (UCB); Durrington, L. 367 (BRI); Simmons, J. and M. 1432 (PERTH).
- A. ulicina*  
 Cumming, R.J. 1322 (PERTH).
- A. uliginosa*  
 Maslin, B.R. 3785 (BRI, PERTH).
- A. umbellata*  
 Craven, L.A. 4059 (BRI); Craven, L.A. 4216 (PERTH); Hall, N. 83/14 (PERTH).



- A. uncifera*  
Armitage, I.B. 864 (PERTH); Ollerenshaw, P. 1112 (BRI).
- A. uncinata*  
Constable, E.F. NSW56925 (UCB); Coveny, R. 2815 and Pickard, J. (UCB); Hall, N. H79/58 (PERTH); Pedley, L. 1520 (BRI).
- A. uncinella*  
Newbey, K. 8039 (PERTH).
- A. unifissilis*  
Hnatiuk, R. 770423 (PERTH).
- A. urophylla*  
Cranfield, R.J. s.n., 16 June 1980 (PERTH); Everist, S.L. 9055 (BRI); Tindale, M.D. 3910 (UCB).
- A. validinervia*  
Beswick, A. 119 (BRI); Maconochie, J.R. 1391 (PERTH).
- A. varia* var. *varia*  
Maslin, B.R. 4393 (PERTH).
- A. varia* var. *crassinervis*  
Maslin, B.R. 4381 (PERTH).
- A. varia* var. *parviflora*  
Maslin, B.R. 4385 (PERTH); Newbey, K.R. 3674 (BRI).
- A. vassalii*  
Blackall, W.E. s.n. (PERTH).
- A. venulosa*  
Armitage, I.B. 787 (PERTH); Bell, C. 81 (BRI); Clemens, M.S. 44470 (UCB); Pedley, L. 316 (BRI).
- A. vermiciflua*  
Maslin, B.R. 3747 (PERTH); Muir, T.B. 498 (UCB).
- A. verticillata*  
Coveny, R. 2946 (UCB); Hall, N. H80/115 (PERTH); Kilgour, R.A. 61 (BRI).
- A. vestita*  
Constable, E.F. 7247 (UCB); Coveny, R. 4195 (BRI); Maslin, B.R. 3746 (PERTH).
- A. victoriae*  
Constable, E.F. 4627 (UCB); Everist, S.L. 7396 (BRI); Gittins, C.H. 1957 (BRI); Jacobs, S. 2095 (UCB); Maslin, B.R. 4874 (PERTH); Weber, J.Z. 228 (UCB).
- A. viscidula*  
Armitage, I.B. 781 (PERTH); Constable, E.F. NSW56932 (BRI); Coveny, R. 3485 and O'Hara, J. (UCB); Walsh, S.R. s.n. (BRI197541).
- A. viscifolia*  
Beard, J.S. 8130 (PERTH); Maslin, B.R. 803 (BRI).
- A. volubilis*  
No specimen tested.
- A. wanyu*  
Maslin, B.R. 4654 (BRI); Trudgen, M.E. 2321 (PERTH).
- A. wardellii*  
Gordon, D.M. 177 (BRI); Hall, N. H78/80 (PERTH).
- A. warramaba*  
White, M.J.D. s.n., 24 Feb. 1979 (PERTH).
- A. wattiana*  
Tindale, M.D. 422 (PERTH); Willis, J.H. s.n. (BRI197830).
- A. websteri*  
Maslin, B.R. 2423 (PERTH).
- A. whitei*  
Clarkson, J.R. 2671 (BRI).
- A. wickhami*  
Gittins, C.H. 1283 (BRI); Hartley, T.G. 14353 (PERTH).

- A. wilhelmiana*  
Hall, N. H80/43 (PERTH); Whibley, D.J.E. 2011 (BRI).
- A. willdenowiana*  
Cumming, R. 1308 (PERTH); Helms, R. s.n. (BRI197890); Maslin, B.R. 4273 (PERTH); Pedley, L. 841 (BRI).
- A. williamsonii*  
Tindale, M.D. 762 (BRI).
- A. wiseana*  
Maslin, B.R. 4988 (PERTH).
- A. xanthina*  
Demarz, H. 6913 (BRI); Maslin, B.R. 3724 (PERTH); Storr, G.M. s.n., 8 Sept. 1959 (PERTH).
- A. xerophila*  
Coveny, R. 8409 (PERTH); Maslin, B.R. 1918 (PERTH).
- A. xiphophylla*  
Demarz, H. 7108 (PERTH); Weston, A.S. 10799 (BRI).
- A. yirrkallensis*  
Hinz, D. 741511 (PERTH); Maconochie, J.R. 1531 (BRI).
- \**A. yorkkrakinensis*  
Maslin, B.R. 598 (\*BRI); Maslin, B.R. 4425 (\*PERTH).
- \**A. aff. atkinsiana* (sect. *Juliflorae*)  
Maslin, B.R. 2734 (\*PERTH).
- \**A. aff. blakei* (sect. *Juliflorae*)  
Harslett, J. s.n. (\*BRI342891).
- \**A. aff. citrinoviridis* (sect. *Juliflorae*)  
Beard, J.S. 4799 (\*PERTH); Beard, J.S. 4810 (PERTH); Graaf, M. de 11 (PERTH); Maslin, B.R. 4567 (\*PERTH); Maslin, B.R. 4577 (PERTH); Royce, R.D. 1699 (PERTH); Speck, N.H. 1416 (\*PERTH).
- \**A. aff. kempeana* (sect. *Juliflorae*)  
Hewett, D. 39 (\*PERTH); Mitchell, A.S. 591 (\*PERTH) and 675 (\*PERTH).
- \**A. aff. macdonnelliensis* (sect. *Juliflorae*)  
Curnow, J. 624 (\*BRI)..

*Un-named specimens*

Adams, L.G. 1657 (J) - BRI; Armitage, I.B. 202 (Ph) - PERTH; Ashby, A.M. 3826 (P1) - PERTH; Ashby, A.M. 4495 (Ph) - PERTH; Ashby, A.M. 4680 (Ph) - PERTH; Ashby, A.M. 5253 (Ph) - PERTH; Beard, J.S. 3232 (Ph) - PERTH; Beard, J.S. 4605 (J) - PERTH; Beard, J.S. 4775 (J) - PERTH; Beard, J.S. 6432 (J) - PERTH; Beard, J.S. 6538 (J) - PERTH; Beard, J.S. 7410 (J) - PERTH; Beard, J.S. 7904 (P1) - PERTH; Beard, J.S. 7940 (P1) - PERTH; Beard, J.S. 8181 (P1) - PERTH; Bennett, E.M. s.n., 20 Aug. 1979 (P1) - PERTH; Blackall, W.E. 1387 (J) - PERTH; Blackall, W.E. 4032 (J) - PERTH; Blackwell, M. 18 (J) - PERTH; Blackwell, M. 47 (P1) - PERTH; Burbidge, N. s.n., Aug. 1958 (J) - PERTH; Burden, J.R.N. s.n. (P1) - BRI295649; Burns, A.C. 42 (J) - PERTH; Burns, A.C. 127 (Ph) - PERTH; Byrnes, N. 1385 (J) - BRI; Byrnes, N. 2724 (J) - BRI; Chapman, C. s.n., 10 Aug. 1974 (P1) - PERTH; Chapman, C. s.n., 20 June 1977 (P1) - PERTH; Chippendale, G. 6740 (J) - PERTH; Coveny, R. 8391 and Haberley, B. (P1) - PERTH; Craven, L.A. 4675 (J) - PERTH; Craven, L.A. 4721 (J) - PERTH; Cumming, R.J. 1178 (J) - PERTH; Cumming, R.J. 1203 (J) - PERTH; Daniell, T. s.n., 10 Sept. 1972 (P1) - PERTH; Demarz, H. 7849 (Ph) - PERTH; Dirusse, A. 2 (Ph) - PERTH; Fox, R.E. 2568 (J) - BRI; Gardner, C.A. 2207 (J) - PERTH; Gardner, C.A. s.n., Sept. 1947 (J) - PERTH; George, A.S. 7059 (Ph) - PERTH; George, A.S. 9434 (Ph) - PERTH; George, A.S. 10621 (J) - PERTH; George, A.S. 11225 (Ph) - PERTH; George, A.S. 11238 (Ph) - PERTH; George, A.S. 12477 (J) - PERTH; George, A.S. 14276 (P1) - PERTH; George, A.S. 15415 (P1) - PERTH; George, A.S. 15667 (Ph) - PERTH; George, A.S. 15667A (Ph) - PERTH; George, A.S. 15693 (Ph) - PERTH; George, A.S.

*Un-named specimens (cont.)*

16027 (Ph) - PERTH; *A.S. George* 16110 (Ph) - PERTH; *Goble-Garratt, E.M.* 92 (Ph) - PERTH; *Goble-Garratt, E.M.* 93 (Ph) - PERTH; *Goble-Garratt, E.M.* 245 (Ph) - PERTH; *Goble-Garratt, E.M.* s.n., 1979 (P1) - PERTH; *Griffin, E.A.* 796 (Ph) - PERTH; *Griffin, E.A.* 1965 (Ph) - PERTH; *Griffin, E.A.* 2852 (P1) - PERTH; *Griffin, E.A.* 2891 (P1) - PERTH; *Hartley, T.G.* 13748 (J) - PERTH; *Hartley, T.G.* 14573 (J) - BRI; *Hartley, T.G.* 14620 (J) - PERTH; *Hartley, T.G.* 14657 (P1) - BRI; *Henry, N.* 163 (J) - PERTH; *Hewitt, D.* 26 (J) - PERTH; *House, M. and Smith, P.* 116 (Ph) - PERTH; *Janicke, S.* U21 (J) - PERTH; *Keighery, G.J.* 3382 (Ph) - PERTH; *Kenneally, K.F.* 4279 (J) - PERTH; *Kenneally, K.F.* 5722 (J) - PERTH; *Kenneally, K.F.* 7106 (J) - PERTH; *Kenneally, K.F.* 7496 (Ph) - PERTH; *Knox, J.R.* 700805 (Ph) - PERTH; *Kruiskamp, J.* 4236 (J) - PERTH; *Lane, R.J.* s.n., Jul. 1979 (P1) - PERTH; *Latz, P.K.* 4430 (P1) - PERTH; *Lazarides, M.* 4466 (P1) - PERTH; *Lazarides, M.* 6398 (P1) - PERTH; *Lullfitz, F.* 3058 (P1) - PERTH; *Lullfitz, F.* 3184 (J) - PERTH; *Lullfitz, F.* 5275 (Ph) - PERTH; *Maconochie, J.R.* 806 (Ph) - BRI; *Maconochie, J.R.* 1214 (A) - BRI; *Maconochie, J.R.* 1245 (J) - PERTH; *Malcolm, C.* s.n., 10 May 1960 (P1) - PERTH; *Martensz, P.* 560 (P1) - BRI; *Maslin, B.R.* 566 (P1) - PERTH; *Maslin, B.R.* 589 (P1) - PERTH; *Maslin, B.R.* 1776 (J) - PERTH; *Maslin, B.R.* 1843 (J) - PERTH; *Maslin, B.R.* 1887 (P1) - PERTH; *Maslin, B.R.* 1893 (P1) - PERTH; *Maslin, B.R.* 1999 (P1) - PERTH; *Maslin, B.R.* 2015 (P1) - PERTH; *Maslin, B.R.* 2101 (P1) - PERTH; *Maslin, B.R.* 2183 (J) - BRI; *Maslin, B.R.* 2367 (P1) - PERTH; *Maslin, B.R.* 2371 (P1) - PERTH; *Maslin, B.R.* 2446 (Ph) - PERTH; *Maslin, B.R.* 3125 (P1) - PERTH; *Maslin, B.R.* 3343 (Ph) - PERTH; *Maslin, B.R.* 3405 (P1) - PERTH; *Maslin, B.R.* 3437 (Ph) - PERTH; *Maslin, B.R.* 3547 (Ph) - PERTH; *Maslin, B.R.* 3625 (P1) - PERTH; *Maslin, B.R.* 3714 (Ph) - PERTH; *Maslin, B.R.* 3718 (J) - PERTH; *Maslin, B.R.* 3812 (P1) - PERTH; *Maslin, B.R.* 3840 (Ph) - PERTH; *Maslin, B.R.* 3861 (Ph) - PERTH; *Maslin, B.R.* 3868 (Ph) - PERTH; *Maslin, B.R.* 3878 (P1) - PERTH; *Maslin, B.R.* 3937 (Ph) - PERTH; *Maslin, B.R.* 3965 (Ph) - PERTH; *Maslin, B.R.* 4043 (P1) - PERTH; *Maslin, B.R.* 4055 (Ph) - PERTH; *Maslin, B.R.* 4068 (P1) - PERTH; *Maslin, B.R.* 4075 (P1) - PERTH; *Maslin, B.R.* 4076 (P1) - PERTH; *Maslin, B.R.* 4126 (J) - PERTH; *Maslin, B.R.* 4200 (Ph) - PERTH; *Maslin, B.R.* 4212 (P1) - PERTH; *Maslin, B.R.* 4240 (P1) - PERTH; *Maslin, B.R.* 4243 (P1) - PERTH; *Maslin, B.R.* 4259 (P1) - PERTH; *Maslin, B.R.* 4278 (Ph) - PERTH; *Maslin, B.R.* 4349 (Ph) - PERTH; *Maslin, B.R.* 4356 (P1) - PERTH; *Maslin, B.R.* 4422 (P1) - BRI; *Maslin, B.R.* 4448 (P1) - PERTH; *Maslin, B.R.* 4453 (P1) - PERTH; *Maslin, B.R.* 4462 (J) - PERTH; *Maslin, B.R.* 4474 (J) - PERTH; *Maslin, B.R.* 4646 (J) - PERTH; *Maslin, B.R.* 4708 (Ph) - PERTH; *Maslin, B.R.* 4724 (J) - PERTH; *Maslin, B.R.* 4725 (Ph) - PERTH; *Maslin, B.R.* 4767 (Ph) - PERTH; *Maslin, B.R.* 4785 (Ph) - PERTH; *Maslin, B.R.* 4786 (Ph) - PERTH; *Maslin, B.R.* 4792 (Ph) - PERTH; *Maslin, B.R.* 4793 (P1) - PERTH; *Maslin, B.R.* 4795 (Ph) - PERTH; *Maslin, B.R.* 4814 (Ph) - PERTH; *Maslin, B.R.* 4878 (Ph) - PERTH; *Maslin, B.R.* 4887 (J) - PERTH; *Maslin, B.R.* 4951B (J) - PERTH; *Maslin, B.R.* 4957 (Ph) - PERTH; *Maslin, B.R.* 4967 (J) - PERTH; *Maslin, B.R.* 5032 (Ph) - PERTH; *Maslin, B.R.* 5037A (J) - PERTH; *Maslin, B.R.* 5044 (Ph) - PERTH; *Maslin, B.R.* 5059 (Ph) - PERTH; *Maslin, B.R.* 5075 (P1) - PERTH; *Maslin, B.R.* 5076 (J) - PERTH; *Maslin, B.R.* 5112 (J) - PERTH; *Maslin, B.R.* 5144A (J) - PERTH; *Maslin, R.F.* s.n., 1979 (Ph) - PERTH; *McDonald, T.J.* 709 (J) - BRI; *McDonald, W.J.F.* 3208 (J) - BRI; *McKenzie, N.* 114 (P1) - PERTH; *Mitchell, A.A.* 231 (J) - PERTH; *Mitchell, A.A.* 838 (Ph) - PERTH; *Mitchell, A.S.* 1042 (Ph) - PERTH; *Monk, D.* 473 (P1) - PERTH; *Newbey, K.* 3228 (J) - PERTH; *Newbey, K.* 3263 (Ph) - PERTH; *Newbey, K.* 3389 (P1) - PERTH; *Newbey, K.* 3419 (Ph) - PERTH; *Newbey, K.* 4291 (P1) - PERTH; *Newbey, K.* 4319 (Ph) - PERTH; *Newbey, K.* 4466 (Ph) - PERTH; *Newbey, K.*

*Un-named specimens (cont.)*

5053 (P1) - PERTH; *Newbey, K.* 5242 (P1) - PERTH; *Newbey, K.* 5396 (Ph) - PERTH; *Newbey, K.* 5422 (Ph) - PERTH; *Newbey, K.* 5574 (Ph) - PERTH; *Newbey, K.* 5625 (Ph) - PERTH; *Newbey, K.* 5667 (J) - PERTH; *Newbey, K.* 6032 (Ph) - PERTH; *Newbey, K.* 6292 (P1) - PERTH; *Newbey, K.* 6562 (J) - PERTH; *Newbey, K.* 6857 (Ph) - PERTH; *Newbey, K.* 7536 (P1) - PERTH; *Newbey, K.* 7568 (P1) - PERTH; *Newbey, K.* 7640 (P1) - PERTH; *Newbey, K.* 8055 (Ph) - PERTH; *Newbey, K.* 8201 (J) - PERTH; *Orr, D.* 1 (P1) - BRI; *Paust, S.* 501 (P1) - PERTH; *Perry, R.A. and Lazarides, M.* 2647 (A) - BRI; *Perry, R.A. and Lazarides, M.* 2993 (P1) - BRI; *Pullen, R.* 10884 (A) - PERTH; *Rankin, M.O.* 1232 (A) - BRI; *Royce, G.N.* s.n., Aug. 1973 (Ph) - PERTH; *Royce, R.D.* 7708 (Ph) - PERTH; *Royce, R.D.* 8996 (P1) - PERTH; *Saffrey, R.A.* 375 (Ph) - PERTH; *Simmons, J.G. and M.H.* 1303 (Ph) - PERTH; *Simmons, M.H.* 300 (P1) - PERTH; *Simmons, M.H.* 442 (P1) - PERTH; *Simmons, M.H.* 447 (J) - PERTH; *Simmons, M.H.* 510 (J) - PERTH; *Simmons, M.H.* 1320 (P1) - PERTH; *Survey Team* s.n., 5 Nov. 1976 (P1) - PERTH; *Taitlin Phillip, W.H.* s.n., Aug. 1953 (Ph) - PERTH; *Taylor, G.C.* 6 (P1) - BRI; *Tindale, M.D.* 1359 (P1) - PERTH; *Tindale, M.D.* 3707 (P1) - PERTH; *Tindale, M.D.* 3819 (P1) - PERTH; *Weston, A.S.* 8164 (Ph) - PERTH; *Weston, A.S.* 9708 (P1) - PERTH; *Whibley, D.J.E.* 5455 (Ph) - PERTH; *White, M.J.D.* s.n., 10 Nov. 1975 (P1) - PERTH; *Wilcox, D.G.* 168 (Ph) - PERTH; *Willis, J.H.* s.n., 15 Jul. 1974 (J) - PERTH; *Wilson, P.G.* 5674 (P1) - PERTH; *Wilson, P.G.* 10567 (J) - PERTH; *Wilson, P.G.* 11467 (Ph) - PERTH.

## APPENDIX 2

Living plants of Australian *Acacia* species tested  
for cyanogenic glycosides

Described taxa are arranged alphabetically. The two un-named taxa listed at the end of the Appendix are identified by a voucher collection. Unlike Appendix 1 where all Australian species are listed, this Appendix includes only those species which were actually field-tested. Species which gave a positive response for cyanide (using the Feigl-Anger method) are marked with an asterisk (\*). A key to the alphabetic designations is given below. Numerals before the oblique refer to the number of HCN positive individuals detected; numerals following the oblique refer to the total number of individuals tested. Voucher specimens (where taken) are given in parentheses. See text regarding the listing of infraspecific taxa. Abbreviations for herbaria are those given in Index Herbariorum, Part 1, ed. 7 (1981). The living plants were tested at the following localities:

*Botanic Gardens* (Sampling by E.E. and M.E. Conn except for J - see text under Methods)

- A. Arboretum, Waite Agricultural Research Institute, University of Adelaide, Glen Osmond, South Australia.
- B. The Botanic Gardens of Adelaide, North Terrace, Adelaide, South Australia.
- C. Wittunga Botanic Garden, Blackwood, South Australia.
- D. Royal Botanic Gardens, Birdwood Avenue, South Yarra, Victoria.
- E. National Botanic Gardens Sydney, Mrs. Macquarie's Road, Sydney, New South Wales.
- F. National Botanic Gardens, Canberra, Australian Capital Territory.
- G. Mt. Coot-tha Botanic Gardens, Brisbane, Queensland.
- H. Kings Park and Botanic Garden, West Perth, Western Australia.
- I. Western Australian Herbarium, Jarrah Road, South Perth, Western Australia.
- J. Arboretum, University of California, Davis, California, U.S.A.

*Individuals* (Area and date of sampling given in parentheses)

- K. M. Bennett (central wheatbelt region, south-west Western Australia, 1983).
- L. E.E. Conn and B.R. Maslin (wheatbelt region, south-west Western Australia, Feb. 1982 and Nov./Dec. 1983).
- M. N. Hall (New South Wales and Queensland, 1983).
- N. B.R. Maslin (Pilbara region, Western Australia, May 1982, Aug. 1983, Mar. 1984).
- O. B.R. Maslin (wheatbelt and adjacent regions, south-west Western Australia, Sept. 1983).
- P. L. Pedley (Brisbane environs and Darling Downs District, Queensland, Feb.-May 1982).
- Q. T. Willing (west Kimberley region; some cultivated at Broome, Western Australia, 1983).

*A. acinacea* B-0/4; D-0/2; F-0/1; J-0/1

*A. acuminata* I-0/1; L-0/1

*A. adoxa* Q-0/1

*A. adoxa* var. *adoxoidea* N-0/1

\**A. adsurgens* N-4/6 (B.R. Maslin 5280 and 5281 - HCN positive; B.R. Maslin 5570 - HCN negative; all PERTH)

- A. adunca* F-0/1  
*A. aestivalis* H-0/1; L-0/1  
*A. alata* B-0/1; D-0/2; F-0/1; J-0/1  
*A. amblygona* G-0/1; F-0/2; P-0/2  
*A. amoena* F-0/1  
*A. anastema* N-0/1  
*A. anceps* F-0/1  
*A. ancistrocarpa* N-0/2  
*A. ancistrocarpa* x *trachycarpa* N-0/2 (B.R. Maslin 5566, PERTH)  
*A. aneura* B-0/2; D-0/1; P-0/1  
*A. aprepta* P-0/1  
*A. argyrodendron* P-0/1  
*A. arida* N-0/1  
*A. aspera* F-0/2; J-0/2  
*A. assimilis* F-0/1; L-0/1  
*A. atkinsiana* N-0/1  
*A. aulacocarpa* P-0/1  
*A. baileyana* B-0/2; D-0/3; F-0/1; J-0/1; P-0/1  
*A. bancroftii* G-0/1; P-0/1  
*A. barringtonensis* F-0/1  
\**A. beauverdiciana* J-0/1; L-3/3 (E.E. Conn 18-82, PERTH)  
*A. beckleri* B-0/1; D-0/1; F-0/1  
*A. bidwillii* P-0/1  
*A. binervata* F-0/1  
\**A. binervia* D-0/1; E-1/1; B-1/2 (E.E. Conn s.n. 14 March 1982, ADW - HCN positive)  
*A. bivenosa* B-0/1; H-0/1; N-0/2  
\**A. blakei* B-1/3 (specimens labelled "*A. cunninghamii*", perhaps *A. blakei* but identity not checked); J-1/1 (D.S. Seigler 11068, ILL)  
*A. blakelyi* H-0/1; J-0/1  
*A. boormani* B-0/2; D-0/2; F-0/1  
*A. brachybotrya* B-0/1; D-0/1; F-0/2  
*A. brachyclada* I-0/1 (seedling)  
*A. brachystachya* F-0/1  
*A. browniana* var. *obscura* F-0/1  
*A. brunioides* G-0/1; P-0/1  
*A. brunioides* subsp. *brunioides* F-0/1  
*A. burkittii* B-0/1; F-0/1; J-0/1  
*A. burrowii* M-0/6 (N. Hall 83/20, 27, 28, 31, 33 and 73, all PERTH);  
*A. buxifolia* F-0/1; J-0/1; P-0/1  
*A. bynoeana* B-0/1  
*A. caesiella* F-0/1  
*A. calamifolia* B-0/5; D-0/1; F-0/1; J-0/2  
*A. cambagei* P-0/1  
*A. cardiophylla* B-0/1; F-0/2; J-0/1  
\**A. caroleae* F-1/1; M-2/3 (H83/75 and 76 - HCN positive; H83/30 - HCN negative; all PERTH); P-2/2  
*A. cedroides* F-0/1  
*A. celastrifolia* D-0/1  
\**A. cheelii* B-0/1; F-4/4  
*A. chinchillensis* P-0/1  
*A. chisholmii* Q-0/1  
*A. citrinoviridis* H-0/1; N-0/1  
*A. cognata* D-0/1  
*A. colletioides* L-0/1  
*A. complanata* G-0/1; P-0/1  
*A. concurrrens* P-0/1; M-0/1 (N. Hall 83/67, PERTH)  
*A. conferta* G-0/1; F-0/1; P-0/1

- A. continua* B-0/2; F-0/1; J-0/1  
*A. coolgardiensis* L-0/1  
*A. coriacea* B-0/2  
*A. costiniana* F-0/1  
*A. craspedocarpa* D-0/1  
*A. crassa* P-0/1  
*A. crassicarpa* P-0/1  
*A. crassiuscula* B-0/1  
*A. cultriformis* B-0/1; D-0/1; F-0/3; J-0/1; P-0/2  
*A. curranii* F-0/1  
\**A. curvinervia* P-1/1  
*A. cuthbertsonii* B-0/1; I-0/1 (seedling)  
*A. cyclops* B-0/2; F-0/1; I-0/1  
*A. dawsoniana* N-0/1  
*A. dawsonii* F-0/2; J-0/1  
*A. dealbata* B-0/1; D-0/1; F-0/1; J-0/1  
*A. deanei* D-0/1; P-0/3  
*A. deanei* subsp. *deanei* F-0/2  
\**A. deanei* subsp. *paucijuga* D-1/2; F-4/6; J-1/1  
*A. decora* B-0/1; D-0/1; F-0/2; J-0/1; P-0/1  
*A. decurrens* F-0/1; J-0/1  
*A. denticulosa* I-0/1  
*A. dentifera* D-0/1; J-0/1  
*A. dictyophleba* N-0/1  
*A. dietrichiana* D-0/1  
*A. difformis* F-0/3  
*A. distans* N-0/1  
*A. divergens* H-0/1  
*A. dodonaeifolia* B-0/3; D-0/1; F-0/1; J-0/1  
\**A. doratoxylon* G-0/1; F-3/3  
*A. drepanophylla* N-0/1  
*A. drummondii* D-0/3  
*A. drummondii* subsp. *affinis* F-0/1  
*A. drummondii* subsp. *candolleana* F-0/1  
*A. drummondii* subsp. *elegans* F-0/1; I-0/2  
*A. dunni* J-0/1  
*A. dura* B-0/1  
*A. effusa* N-0/1  
*A. elata* D-0/1; F-0/1  
*A. elongata* F-0/1; J-0/1  
*A. empelioclada* F-0/1  
*A. enervia* L-0/1  
*A. enterocarpa* B-0/1  
*A. epacantha* F-0/1  
*A. eremaea* B-0/1  
*A. ericifolia* H-0/1  
*A. eriopoda* I-0/1 (seedling)  
*A. excelsa* P-0/2  
\**A. exilis* N-1/1  
*A. extensa* B-0/1; D-0/2; F-0/1  
*A. falcata* F-0/1  
*A. falciformis* F-0/1  
\**A. farnesiana* B-0/1; G-1/1; J-1/1; P-1/1  
*A. fasciculifera* P-0/1  
*A. fauntleroyi* H-0/1  
*A. filicifolia* P-0/1  
*A. filifolia* B-0/1; J-0/1; L-0/1  
*A. fimbriata* B-0/1; C-0/1; G-0/1; F-0/2; J-0/1; P-0/1

- A. flexifolia* F-0/1  
*A. floribunda* D-0/1; F-0/2; P-0/2  
*A. fragilis* L-0/1  
*A. frigescens* D-0/1  
*A. galeata* N-0/1  
*A. galioides* P-0/1  
*A. genistifolia* J-0/1  
*A. gillii* B-0/1; J-0/1  
*A. gittinsii* G-0/1  
*A. gladiiformis* B-0/1; J-0/1  
*A. glandulicarpa* B-0/1  
*A. glaucocarpa* P-0/1  
*A. glaucoptera* B-0/1; C-0/1; D-0/1; H-0/1  
*A. gnidium* D-0/1  
*A. gonoclada* P-0/1  
*A. gonophylla* F-0/1  
*A. gracilifolia* C-0/1; D-0/1; F-0/1  
\**A. gracillima* Q-3/45 (T. Willing 75 and 76 - HCN positive, both PERTH;  
T. Willing 85 (BRI), 86 (NSW) and 87, 89, 90 (all PERTH) - HCN negative)  
\**A. granitica* M-1/1 (N. Hall 83/36, PERTH)  
*A. grasbyi* B-0/1; N-0/1  
*A. hakeoides* F-0/1; J-0/1  
*A. hamersleyensis* N-0/1  
*A. hammondii* P-0/1  
*A. harpophylla* P-0/1  
*A. harveyi* B-0/1; F-0/1  
*A. havilandii* D-0/1  
*A. hemiteles* B-0/1; I-0/1; L-0/1  
*A. heteroclita* B-0/1  
*A. heteroneura* L-0/1  
*A. hilliana* N-0/1; Q-0/1  
*A. hippuroides* Q-0/1  
*A. holosericea* B-0/1; G-0/1; I-0/1; N-0/1; P-0/1  
*A. howittii* D-0/3; F-0/1; J-0/1  
*A. hubbardiana* F-0/1; P-0/1  
*A. huegelii* I-0/1  
*A. idiomorpha* H-0/1  
*A. implexa* F-0/2; J-0/2; P-0/1  
*A. inophloia* H-0/1  
*A. insolita* J-0/1  
*A. intorta* L-0/1  
*A. irrorata* G-0/1; J-0/1  
\**A. irrorata* subsp. *irrorata* P-1/2; M-0/2 (N. Hall 83/37 and 38, both PERTH)  
*A. iteaphylla* B-0/1; D-0/5; F-0/1; P-0/1  
*A. ixiophylla* F-0/1; P-0/2  
*A. jennerae* I-0/1, L-0/1  
*A. jibberdingensis* F-0/1; I-0/1  
*A. johnsonii* P-0/1  
*A. jonesii* P-0/1  
*A. jucunda* G-0/1; P-0/1  
\**A. julifera* subsp. *julifera* M-1/1 (N. Hall 83/39, PERTH); P-1/1  
*A. julifera* subsp. *gilbertensis* M-0/1 (N. Hall 83/51, PERTH)  
*A. juncifolia* P-0/1  
*A. jutsonii* I-0/1 (seedling)  
*A. kempeana* F-0/1; J-0/1  
*A. kettlewelliae* F-0/1; J-0/1  
*A. kybeanensis* F-0/1  
*A. lanigera* F-0/1; J-0/1



- \**A. lasiocalyx* F-3/3; I-1/1; L-3/3 (E.E. Conn 40-82 and 40-83, both PERTH;  
S. Curry 21, PERTH)  
*A. lasiocarpa* I-0/1  
*A. lasiocarpa* var. *epacantha* F-0/1  
*A. lateriticola* H-0/1  
*A. lauta* P-0/1  
*A. lazaridis* P-0/1  
*A. leichhardtii* G-0/1  
*A. leiocalyx* G-0/1; M-0/1 (N. Hall 83/34, PERTH); P-0/1  
*A. leioderma* F-0/1  
*A. leprosa* B-0/1; D-0/1; F-0/1  
*A. leptocarpa* M-0/1; (N. Hall 83/40, PERTH)  
*A. leptoclada* F-0/1  
*A. leptoloba* P-0/1  
*A. leptoneura* H-0/1  
*A. leptopetala* D-0/1; H-0/1; I-0/1; J-0/1  
*A. leptospermoides* I-0/1  
*A. leucoclada* subsp. *leucoclada* F-0/1  
*A. leucoclada* subsp. *argentifolia* F-0/2; M-0/1 (N. Hall 83/26, CBG, PERTH);  
P-0/1  
*A. ligulata* B-0/2; D-0/1; F-0/1; J-0/1; L-0/1  
*A. ligustrina* H-0/1; J-0/1  
*A. lineata* F-0/1  
*A. linifolia* F-0/1; J-0/1  
*A. linophylla* J-0/1  
*A. littorea* F-0/1  
*A. longifolia* B-0/2; D-0/4; G-0/1; P-0/1  
*A. longiphylloidea* I-0/2  
*A. longispicata* M-0/1 (N. Hall 83/53, PERTH)  
*A. longispinea* L-0/1  
*A. longissima* B-0/1; J-0/1  
*A. lysiphloia* Q-0/16  
*A. mackeyana* L-0/1  
*A. macradenia* F-0/1; G-0/1; P-0/1  
*A. maidenii* E-0/1; P-0/1  
*A. maitlandii* N-0/1  
*A. marramamba* I-0/1 (seedling)  
*A. mearnsii* D-0/2  
*A. meisneri* B-0/1; I-0/1  
*A. melanoxyton* B-0/3; C-0/1; D-0/1; F-0/1; J-0/1; P-0/1  
*A. melvillei* P-0/1  
*A. merinthophora* H-0/2  
*A. merrallii* H-0/1; J-0/2; L-0/1  
*A. microbotrya* H-0/2; L-0/1  
*A. microcalyx* N-0/1  
*A. microcarpa* F-0/1  
*A. mitchellii* B-0/1  
*A. montana* F-0/1  
*A. monticola* I-0/1 (seedling); N-0/1; Q-0/9  
*A. mucronata* F-0/1  
*A. muellerana* F-0/1; G-0/1; P-0/1  
*A. multisiliqua* P-0/1  
*A. multispicata* B-0/1  
*A. murrayana* L-0/1; N-0/2  
*A. myrtifolia* B-0/1; F-0/1; J-0/1; P-0/1  
*A. neriifolia* B-0/2; D-0/1; F-0/1; J-0/2; P-0/2  
*A. nesophila* P-0/1  
*A. neurophylla* H-0/2; L-0/1

- A. nigripilosa* L-0/1  
*A. notabilis* B-0/1; I-0/1; J-0/1  
*A. nyssophylla* I-0/1 (seedling)  
*A. obliquinervia* B-0/1  
*A. obtusata* F-0/1; J-0/1  
*A. oldfieldii* N-0/1  
*A. oshanesii* F-0/1; G-0/1; P-0/1  
*A. oxycedrus* F-0/1  
*A. oxyclada* F-0/1; H-0/1  
 \**A. pachyphloia* Q-1/3 (T. Willing 74 - HCN positive; T. Willing 91 and 92 - HCN negative; all PERTH)  
*A. papyrocarpa* D-0/1; J-0/2  
*A. paradoxa* D-0/1; F-0/1  
 \**A. parramattensis* D-0/1; F-0/5; P-1/1 (J. Calway s.n., BRI 266710); M-0/3 (N. Hall 83/78, 79 and 80, all PERTH)  
*A. parvipinnula* F-0/1  
*A. pendula* B-0/1; F-0/1; J-0/1; P-0/1  
*A. penninervis* B-0/1; F-0/1; G-0/1; J-0/1; P-0/1  
*A. penninervis* var. *penninervis* P-0/1  
*A. pentadenia* F-0/1  
*A. perangusta* G-0/1; P-0/1  
*A. peuce* B-0/2  
*A. plicata* I-0/1  
*A. podalyriifolia* B-0/1; D-0/1; G-0/1; J-0/1; P-0/1  
*A. poliochroa* L-0/1  
*A. polybotrya* F-0/1  
*A. prainii* L-0/1  
*A. pravissima* B-0/1; D-0/3  
*A. prominens* D-0/6; F-0/1; J-0/1  
*A. pruinocarpa* I-0/1 (seedling); N-0/1  
*A. ptychophylla* N-0/1  
*A. pubescens* F-0/1  
 \**A. pulchella* D-2/3  
*A. pulchella* var. *pulchella* F-0/7  
 \**A. pulchella* var. *glaberrima* F-2/5  
 \**A. pulchella* ? var. *glaberrima* L-7/7 (B.R. Maslin 5503, PERTH); 0-3/3 (Wannamal variant)  
 \**A. pulchella* var. *goadbyi* C-1/1 (B. Grivell 1968, AD, ADW, PERTH, UCD)  
 \**A. pulchella* var. *reflexa* L-5/5 (B.R. Maslin 5504, PERTH)  
*A. pycnantha* B-0/2; D-0/2; F-0/1; J-0/1  
*A. quornensis* B-0/1; D-0/3; F-0/1  
*A. ramosissima* B-0/1  
*A. ramulosa* I-0/1 (seedling); N-0/1  
*A. redolens* B-0/1  
 \**A. resinomarginea* K-9/40; L-1/3 (E.E. Conn 20-82, PERTH, HCN positive)  
*A. restiacea* I-0/1 (seedling)  
*A. retinodes* B-0/1; C-0/1; D-0/1; F-0/1; J-0/1  
*A. rhetinocarpa* D-0/1  
*A. rhigiophylla* B-0/1  
*A. rhodophloia* N-0/1  
*A. riceana* F-0/1  
*A. rigens* F-0/1  
*A. rossei* I-0/1; L-0/1  
*A. rostelifera* D-0/1  
*A. roycei* N-0/1  
*A. rubida* B-0/1; F-0/2  
*A. rupicola* B-0/1  
*A. ruppilii* F-0/1

- A. saliciformis* F-0/1  
*A. salicina* A-0/1; J-0/1; P-0/1  
*A. saligna* B-0/2; D-0/2; E-0/1; F-0/3; J-0/1; P-0/1  
 \**A. schinoides* C-0/1; D-1/2; F-5/7  
*A. sciophanes* L-0/1  
*A. scirpifolia* H-0/1; J-0/1  
*A. sclerophylla* B-0/1; F-0/2  
*A. sclerosperma* B-0/1; J-0/1  
*A. semilunata* B-0/1; F-0/1; G-0/1; P-0/1  
*A. sessilis* I-0/1 (seedling)  
*A. shirleyi* P-0/2  
*A. shuttleworthii* B-0/1  
*A. sicutiformis* F-0/2  
 \**A. signata* K-20/20; L-2/2 (E.E. Conn 18-82, PERTH); N-1/1 (B.R. Maslin 5158, PERTH)  
*A. silvestris* F-0/1  
*A. simsi* G-0/1; P-0/1  
*A. sophorae* F-0/1  
 \**A. sparsiflora* M-3/3 (N. Hall 83/29, 35 and 70, all PERTH); P-1/1  
*A. spathulifolia* H-0/1  
*A. spectabilis* F-0/1; G-0/1; J-0/1  
*A. spinescens* B-0/1  
*A. spondylophylla* N-0/1  
*A. steedmani* H-0/1; I-0/2  
*A. stenophylla* B-0/1; P-0/1  
*A. stenoptera* J-0/1  
*A. stereophylla* F-0/1; K-0/20; L-0/16; O-0/2  
*A. stigmatophylla* Q-0/1  
*A. stipuligera* Q-0/6  
 \**A. stowardii* N-3/5 (B.R. Maslin 5571C, D and E - all HCN positive and at PERTH)  
*A. striatifolia* P-0/1  
*A. stricta* F-0/2  
*A. suaveolens* F-0/1; P-0/1  
*A. subcaerulea* F-0/1; J-0/1  
*A. suberosa* Q-0/3 (T. Willing 73, PERTH)  
*A. subporosa* J-0/1  
*A. subracemosa* F-0/1  
*A. subtessarogona* H-0/1  
*A. subulata* F-0/1; J-0/1  
*A. sulcata* B-0/3  
*A. tenuissima* I-0/1 (seedling); N-0/2 (B.R. Maslin 5571 and 5571A, both PERTH); P-0/1  
*A. terminalis* B-0/1; D-0/1; F-0/2  
*A. tetragonophylla* F-0/1; J-0/1; L-0/8 (B.R. Maslin 5496 and 5497, both PERTH)  
*A. tindaleae* P-0/1  
*A. torulosa* P-0/1  
 \**A. trachycarpa* N-2/23 (B.R. Maslin 5356 and 5357 - HCN positive; B.R. Maslin 5288 - HCN negative; all PERTH); Q-0/1  
*A. translucens* Q-0/1  
*A. trigonophylla* D-0/1  
*A. trinervata* J-0/1  
*A. trineura* B-0/3; J-0/1  
*A. triptera* F-0/1; G-0/1; P-0/1  
*A. truncata* B-0/1; H-0/1; I-0/1  
*A. tumida* P-0/1  
*A. tysonii* J-0/1

- A. ulicifolia* F-0/1
- A. umbellata* F-0/1
- A. uncinata* F-0/2; J-0/1; P-0/1
- A. urophylla* B-0/1; F-0/1; J-0/1
- A. validinervia* N-0/1
- A. venulosa* F-0/1
- A. verniciflua* B-0/1; F-0/1
- A. verticillata* D-0/3; F-0/2
- A. vestita* B-0/1; F-0/1
- A. victoriae* B-0/1; D-0/1; J-0/1
- A. viscidula* F-0/1
- A. wanyu* H-0/1
- A. wattiana* B-0/1; D-0/1; F-0/1
- A. willdenowiana* F-0/1
- A. wiseana* I-0/1 (seedling); N-0/1
- A. xanthina* H-0/1; I-0/1
- A. xiphophylla* N-0/1
- \**A. yorkrakinensis* L-1/1 (E.E. Conn 2-82, PERTH)
- A. aff. citrinoviridis* (B.R. Maslin 4567, PERTH) 0-0/7
- A. sp.* (B.R. Maslin 5169, PERTH) N-0/1