

Forests Department, Bulletin No. 35.



# Key to the Eucalypts of Western Australia

---

Extract from Bulletin No. 34,  
which includes descriptive and botanical  
notes and illustrations of arborescent  
species listed.

By

S. L. KESSELL, B.Sc., Conservator of Forests,  
and C. A. GARDNER.

---

*Issued under the authority of Hon. P. Collier, M.L.A., Minister  
for Forests.*

---

PERTH:

BY AUTHORITY: FRED. WM. SIMPSON, GOVERNMENT PRINTER.

1924.

R 2348/24.

**Part I.****KEY TO THE EUCALYPTUS TREES, MALLEES AND  
MARLOCKS, CONTAINING EVERY SPECIES OF THE  
GENUS KNOWN TO OCCUR IN WESTERN AUS-  
TRALIA. [JUNE, 1924].**

---

This key is intended for the use of foresters and others who may wish to determine species of this difficult genus without resorting to finer botanical distinctions. While a general knowledge of the macroscopic features of a plant will, in most cases, serve to identify the more common species, certain finer differences of floral structure have been used—as necessary distinctions in certain cases—but more often as check features.

This publication is composed of extracts from Bulletin No. 34, and has been published for field use. Further particulars concerning species may be obtained by reference to the full publication, which contains descriptive and botanical notes concerning all Eucalyptus trees known to be indigenous to Western Australia.

## CHARACTERISTICS OF THE GENUS EUCALYPTUS.

The Eucalyptus derives its name from two Greek words which may be translated as "well-covered"—a name applied to the little cap which protects the unopened flower, and one which aptly describes what is perhaps the leading feature of the genus. The most noticeable feature about a Eucalyptus flower is the absence of both sepals and petals, and the presence of the operculum or bud-cap which protects the stamens in the bud stage. The operculum usually falls off entirely as the flower expands, but sometimes remains hinged on to the calyx after the flower opens. These characteristics, together with the presence of the inferior ovary and the conspicuous stamens of indefinite number, serve to distinguish the genus *Eucalyptus* from all other flowering plants. The Eucalypts are closely allied to the genus *Angophora*, which is found only in the Eastern States, and in which there are petals which soon fall after expansion, and small but distinct calyx-teeth. The calyx of Eucalyptus, although generally without lobes or teeth at all, has, in a few instances, small teeth, four in number, which are situated at or near the top of the calyx, and which appear to be the rudiments of sepals. The operculum of Eucalyptus takes the place of petals as regards their protective functions, but the filaments are the most conspicuous part of the flower, and, being attractive, serve as petals in this respect. If, as is generally supposed, the *Angophoras* are the ancestors of the Eucalypts, the operculum may have, at one time, consisted of free petals. In some species of Eucalyptus the operculum is double—the outer one falling off before the inner.

The Eucalypts are all evergreen trees or shrubs, with the exception of one tropical tree which is deciduous, and another from the same latitude which is partially deciduous. Eucalypts have simple leaves which usually have leaf stalks. The leaves are generally of a lance or egg shape. The venation consists of a midrib connected by fine secondary veins with a vein which runs close to the margin of the leaf (intramarginal). With few exceptions, the bracts and bracteoles so characteristic of other flowering shrubs and trees are absent from Eucalyptus, and, when present, are either rudimentary or fall before the flowering period.

Eucalypts are divided, as regards their habit, into Trees, Shrubs, Mallees and Marlocks. Trees are distinctive in habit, in that they possess a well defined trunk. Shrubs branch from the base, or close to the base. Mallees have a bulbous root-stock, either subterranean or half above the soil, from which arise stems (usually 4 to 8 in number), which are all of about the same height. Typical Mallees have a large woody stock. Marlocks, which may be called "sand-plain Mallees," have a smaller reduced stock, or become true shrubs. It is often difficult to differentiate between a Marlock and a shrub, as intermediate forms occur, which may be one or the other. Trees and Mallees, on the other hand, are quite distinctive forms of vegetation. For the sake of convenience, the Mallees, Marlocks and true shrubs, have been placed in the same general key.

## INSTRUCTIONS FOR USING THE KEY.

It is first necessary that field notes be taken concerning:—

Whether species is a tree, or Mallee, etc.

- (a) Texture of the bark.
- (b) Character and colour of the bark.
- (c) Colour of the timber (heartwood).
- (d) Habitat.

Specimens of such leaves, fruits, and buds as may be available should then be secured and studied in conjunction with the notes and diagrams contained in the key, in the following order:—

- (e) Fruit (shape of the mature fruit).
- (f) Valves of the mature fruit.
- (g) Operculum, or bud-cap of the unopened bud.
- (h) Leaves, their colour, and whether stalked, or without a leaf-stalk.

As each characteristic is located in the key, a number is built up, but care must be taken to keep numbers in the correct order, and place an 0 in any position when information is not available concerning any characteristic.

The number built up by the use of the whole, or part of the key is then referred to the numbered list of species on pages 10 to 13 and the name read off.

The first four decimal places may serve to determine a species, in which case the other characteristics may be read off the key and used to check the correctness of the diagnosis.

For example, let us take the Karri:—

Our note book gives the following information—

- .1 Texture of bark—Smooth throughout.
- .01 Character and colour of bark—Thick, and smooth.
- .002 Colour of the heartwood—Red.
- .0001 Habitat—South-West.

Thus, up to the present, we have number .1121.

If we now consult the list we find there are three species having this number; and reference to the descriptive notes of each species will show that height, shape of tree, and habitat preclude the possibility of it being any species other than Karri (*Eucalyptus diversicolor*).

The other alternative is to continue the use of the key by referring the other features in the order given, or selecting one feature which from the number quoted in the key is different in each of the three species, as, for instance, the shape of the fruit.

A.—KEY TO THE ARBORESCENT SPECIES (page 7).

B.—KEY TO THE MALLEES AND MARLOCKS (page 15).

## THE KEY.

## A.—TREES.

Eucalypts from 10 feet in height upwards, with a simple or single stem or trunk of 6 feet or more below the first branch.

## A.—TEXTURE OF THE BARK.

- .1000 0000 *Smooth barks* throughout.
- \*.2000 0000 *Base of the trunk with rough persistent bark*, otherwise smooth, "Blackbutts." All Goldfields or Eastern districts species.
- .3000 0000 *Trunk with rough persistent bark*, the branches smooth, or slightly ribbony only. "Half-barks," e.g., *Yate*.
- .4000 0000 *All except the branchlets* (or twigs), *with rough bark*, or with totally rough bark, e.g., *Jarrah and Marri*.
- .5000 0000 *Lamellar barks*, i.e., bark in thin layers on the trunk, of a papery texture. A group which is confined in Western Australia to the Kimberley district.

## B.—CHARACTER AND COLOUR OF THE BARK.

Thick barks (never under  $\frac{3}{8}$ in. thick at breast height).

- .0100 0000 *Smooth*, white, grey, or pinkish, clean and shedding annually.
- .0200 0000 *Persistent rough*, (a) light grey in colour, e.g. *Tuart*.
- .0300 0000 *Persistent rough*, (b) dark grey to almost black.

Thin barks (never more than  $\frac{1}{4}$ in. thick at breast height).

- .0400 0000 *Smooth*, (a) white, or light grey, or yellow-white.
- .0500 0000 *Smooth*, (b) reddish or brown or orange-red.

N.B.—In the case of trees classed under .2 and .5 (either "base of the trunk with rough persistent bark" or "lamellar barks"), the *character and colour of the bark* has reference to the bark of the upper portions and not the roughened or flaky base.

## C.—TIMBER (colour of the heartwood).

- .0010 0000 *Pale*, i.e., white, yellow, light brown, or pinkish (e.g., *Tuart*).
- .0020 0000 *Red or reddish* (e.g., *Jarrah and Karri*).
- .0030 0000 *Brown* to almost black (deeper than red, e.g., *Coolibah*).

## D.—HABITAT (see sketch map).

- .0001 0000 South-West.
- .0002 0000 Savannah forest of Southern interior (Eastern districts and Goldfields).
- .0003 0000 North-West.
- .0004 0000 Kimberley, or Northern district.

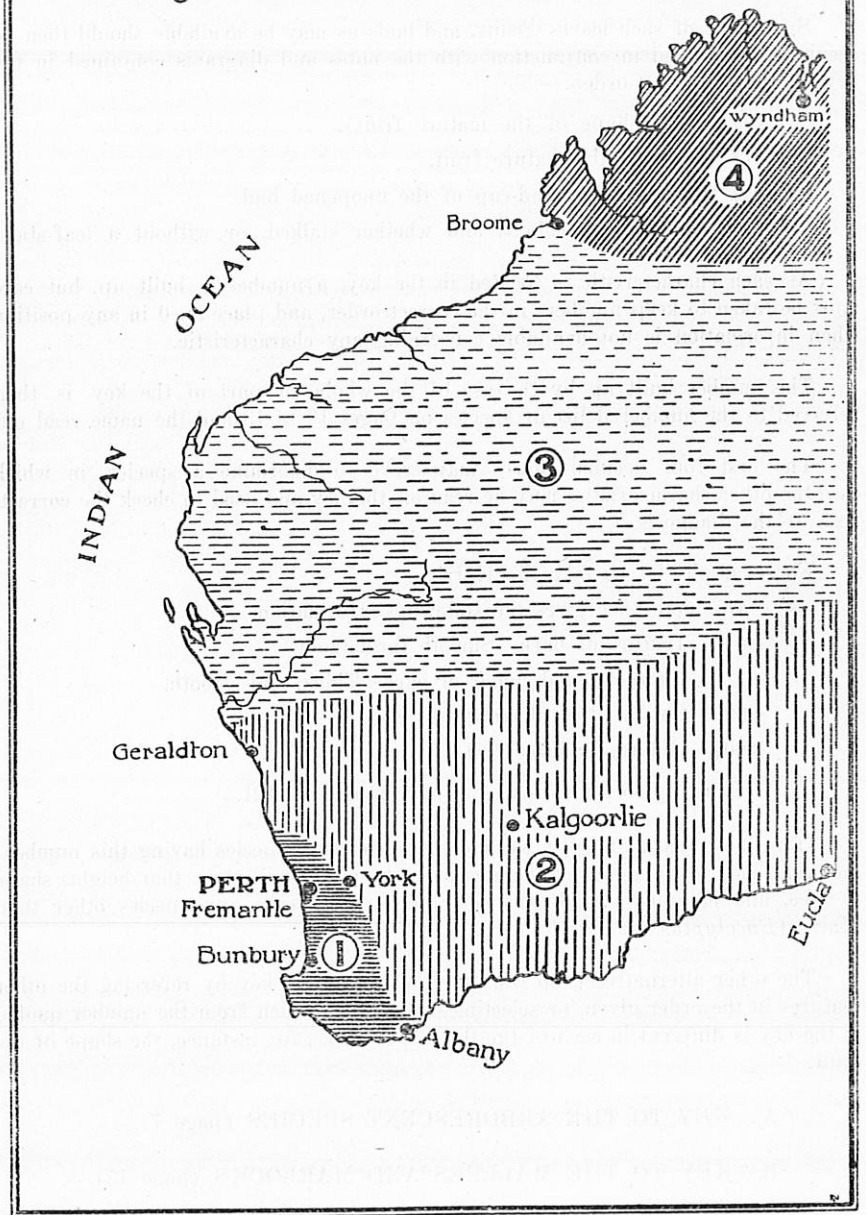
The above are all field characters. The four places following the space refer to botanical distinctions.

\* The well known Blackbutt of the South-West (*E. patens*) does not belong to the group of Eastern District trees known as Blackbutts.

— MAP OF —  
**WESTERN AUSTRALIA.**

∴ HABITATS ∴

Showing the approximate  
ranges of various species



**E.—FRUIT: Shape.**

- .0000 1000 Globular or spherical, or roughly so.
- .0000 2000 Egg-shaped, tapering away from the stalk (ovoid).
- .0000 3000 Bell-shaped (campanulate).
- .0000 4000 Long and narrow, or more or less cylindrical.
- .0000 5000 Cup-shaped (hemispherical).
- .0000 6000 Pear-shaped, but flattened at the end (obovoid-pyriform).
- .0000 7000 Vase-shaped, *i.e.* globular, egg-shaped or narrow, with a distinct neck.
- .0000 8000 Inverted-cone-shaped, top, or funnel-shaped.
- .0000 9000 Four-sided (quadrangular).

**F.—FRUIT: Valves (which open in the mature fruit to emit the seeds).**

- .0000 0100 Valves enclosed (included within the fruit).
- .0000 0200 Valves protruding from the opening, but more or less triangular and short (deltoid).
- .0000 0300 Valves protruding, narrow and awl-shaped.
- .0000 0400 Valves slightly protruding, or slightly sunk, more or less flush with the top of the fruit.

**G.—OPERCULUM: The cap which protects the unopened flower.**

- .0000 0010 *Hemispherical.*
- .0000 0020 *Hemispherical with a short tip or beak.*
- .0000 0030 *Hemispherical-conical, scarcely one or the other.*
- .0000 0040 *Egg-shaped, i.e., obtusely conical (blunt).*
- .0000 0050 *Conical, very close to 3, but more acute.*
- .0000 0060 *Narrow-conical, or long and tapering.*
- .0000 0070 *Long and narrow, with a blunt apex, or oblong.*
- .0000 0080 *Much flattened or drawn out (spreading) at the base, sometimes long and tapering, but expanded at the base.*
- .0000 0090 *Square, quadrangular or cross-shaped (cruciform).*

**H.—FOLIAGE: Lustre of the leaves.****Leaves petiolate (i.e. with a leaf stalk).**

- .0000 0001 Shining on both sides.
- .0000 0002 Dull (not shining), often bluish, on both sides.
- .0000 0003 Dark green and shining above, paler underneath.

**Leaves sessile (i.e. without a stalk to the leaf-blade):**

- .0000 0004 Shining, on both sides.
- .0000 0005 Dull, or whitish, or bluish-green.

## Key Number, Species, and Common Name. (Trees.)

- \*.1111 1231 *E. megacarpa*, F.v.M. Bullich.  
 \*.1111 1361 *E. falcata*, Turcz. White Mallet.  
 .1111 4152 *E. redunca*, var. *elata*, Benth. Wandoo.  
 .1111 6142 *E. accedens*, W. V. Fitzg. Powder-bark Wandoo.  
 \*.1112 1361 *E. falcata*, Turcz. White Mallet.  
 .1113 3491 *E. erythrocorys*, F.v.M.  
 .1113 5191         "  
 .1121 2123 *E. diversicolor*, F.v.M. Karri.  
 .1121 5211 *E. Lane-Poolei*, Maiden. Powder Salmon Gum.  
 .1121 5241         "  
 .1121 5242 *E. Drummondii*, Bentham.  
 .1121 6143 *E. diversicolor*, F.v.M. Karri.  
 .1122 5311 *E. salmonophloia*, F.v.M. Salmon Gum.  
 \*.1122 7481 *E. Flocktoniae*, Maiden. Merrit.  
 .1123 1251 *E. rostrata*, Schlecht. River Gum (Red Gum of S.A.).  
 .1123 5432 *E. pallidifolia*, F.v.M. Micum.  
 .1124 1251 *E. rostrata*, Schlecht. River Gum.  
 .1124 2132 *E. latifolia*, F.v.M.  
 .1124 2152         "  
 .1124 4255 *E. Mooreana* (W.V.F.) Maiden. Mountain Gum (Kimberley).  
 .1124 5211 *E. alba*, Reinwardt. Ridge Gum.  
 .1124 5221         "  
 .1124 5241         "  
 .1124 5255 *E. Mooreana*, (W.V.F.) Maiden.  
 .1124 5432 *E. pallidifolia*, F.v.M. Micum.  
 .1124 7111 *E. Foelscheana*, F.v.M. Smooth-barked Bloodwood.  
 .1124 7121         "  
 .1124 7131         "  
 .1124 8412 *E. Houseana*, (W.V.F.) Maiden. Kimberley White Gum.  
 .1131 4152 *E. redunca*, var. *elata*, Benth. Wandoo.  
 .1133 5252 *E. microtheca*, F.v.M. Blackheart (N.W. form).  
 .1133 5432 *E. pallidifolia*, F.v.M. Micum.  
 .1134 4131 *E. collina*, W. V. Fitzg.  
 .1134 4132         "  
 .1134 5432 *E. pallidifolia*, F.v.M. Micum.  
 †.1411 1161 *E. doratoxylon*, F.v.M.  
 †.1412 1361 *E. eremophila*, Maiden.  
 †.1412 4361 *E. eremophila*, Maiden.  
 .1412 5211 *E. corrugata*, Luehm.  
 †.1412 5271 *E. annulata*, Benth.



- †·1412 5451 *E. conglobata*, (R.Br.), Maiden.  
†·1412 6141 *E. leptophylla*, F.v.M.  
·1424 4111 *E. papuana*, F.v.M. Cabbage, or Desert Gum.  
·1424 4131                    "  
·1424 4132                    "  
·1424 8251 *E. confluens*, (W.V.F.) Maiden.  
†·14x1 x361 *E. Lehmanni*, Rein.  
·14x2 7131 *E. sepulcralis*, F.v.M. Weeping Gum.  
†·14x3 9112 *E. eudesmioides*, F.v.M.  
·1511 6461 *E. platypus*, Hook Moort.  
\*x·1512 3371 *E. astringens*, Maiden. Brown Mallet.  
\*x·1512 3371 *E. spathulata*, Hooker. Swamp Mallet.  
\*·1512 3372                    "  
\*·1512 4462 *E. Gardneri*, Maiden. Blue Mallet.  
\*·1512 6371 *E. astringens*, Maiden. Brown Mallet.  
·1512 7122 *E. caesia*, Bentham. Red-flowered tree.  
\*·1532 2241 *E. salubris*, F.v.M. Gimlet.  
\*·1532 5241                    "  
·1532 5412 *E. campaspe*, Spencer Moore. Silver-topped Gimlet.  
\*·1532 5451 *E. diptera*, Cecil Andrews. Bastard Gimlet.  
·1x12 xx21 *E. Cooperiana*, F.v.M.  
·2112 3422 *E. Woodwardi*, Maiden.  
\*·2112 4131 *E. celastroides*, Turcz.  
·2122 2362 *E. transcontinentalis*, Maiden. Redwood.  
·2122 7362                    "  
\*·2122 7481 *E. Flocktoniae*, Maiden. Merrit (Blackbutt).  
·2412 3382 *E. Clelandi*, Maiden. Blackbutt.  
·2412 3422 *E. Woodwardi*, Maiden. Blackbutt.  
·2412 4382 *E. Clelandi*, Maiden. Blackbutt.  
·2412 5211 *E. corrugata*, Luehm.  
·2412 5281 *E. Le Souefii*, Maiden. Blackbutt.  
·2422 2152 *E. intertexta*, R. T. Baker.  
·2422 6152                    "  
·2512 3361 *E. Sargentii*, Maiden.  
·2512 5361                    "  
·2532 3472 *E. Stricklandi*, Maiden. Goldfields Yellow-flowering Gum.  
·2532 4121 *E. Dundasi*, Maiden. Dundas Blackbutt.  
·2532 4131                    "  
·2532 4472 *E. Stricklandi*, Maiden. Goldfields Yellow-flowering Gum.  
·3211 5241 *E. rudis*, Endl. Flooded Gum.  
·3211 5251                    "  
\*·3212 4131 *E. celastroides*, Turcz.  
·3212 8211 *E. Griffithsii*, Maiden. Grey Gum.  
·3212 8281                    "  
·3213 6422 *E. striatocalyx*, W. V. Fitzg. Cue "York Gum."  
·3213 8422                    "  
·3224 2232 *E. pruinosa*, Schauer. Apple Gum.

- \*.3232 4131 *E. celastroides*, Turcz.  
.3232 8211 *E. Griffithsii*, Maiden. Grey Gum.  
.3232 8281           "           "  
.3311 3361 *E. occidentalis*, Endl. Swamp Yate.  
.3311 3311           "           "  
.3311 4131 *E. foecunda*, var. *loxophleba*, Benth. York Gum.  
\*†.3311 6361 *E. cornuta*, Labill.  
.3312 4141 *E. foecunda*, var. *loxophleba*, Benth.  
.3322 1351 *E. longicornis*, F.v.M. Red Morrel.  
.3322 1361           "           "  
\*.3322 2341 *E. oleosa*, F.v.M. A Morrel.  
.3322 2351 *E. longicornis*, F.v.M. Red Morrel.  
.3322 2361           "           "  
†.3322 2362 *E. transcontinentalis*, Maiden.  
.3322 7362           "           "  
\*.3332 4111 *E. gracilis*, F.v.M. Yorrel.  
.3332 4182 *E. torquata*, Luehm. Goldfields Red-flowering Gum.  
.3332 5241 *E. melanoxyton*, Maiden. Black Morrel.  
\*.3332 6111 *E. gracilis*, F.v.M. Yorrel.  
.4211 1121 *E. Todtiana*, F.v.M. Prickly-bark.  
.4211 3411 *E. gomphocephala*, A.D.C. Tuart.  
.4211 4141 *E. Mundijongensis*, Maiden.  
.4211 5241 *E. rudis*, Endl. Flooded Gum.  
.4211 5251           "           "  
\*.4221 1251 *E. decipiens*, Endl. Coastal White Gum.  
\*.4221 1351           "           "  
\*.4221 6251           "           "  
\*.4221 6351           "           "  
.4224 2235 *E. pruinosa*, Schau. Apple Gum.  
.4234 2112 *E. Spenceriana*, Maiden. Grey Box.  
.4234 2132           "           "  
.4311 1121 *E. Todtiana*, F.v.M. Prickly-bark.  
.4311 1132 *E. patens*, Benth. Blackbutt (S.W.).  
.4311 1151 *E. Staeri*, Maiden. Blackbutt of Albany.  
.4311 2113 *E. ficifolia*, F.v.M. Red-flowering Gum.  
.4311 2133           "           "  
.4311 6111 *E. Guilfoylei*, Maiden. Yellow Tingle Tingle.  
.4311 6411           "           "  
.4311 7133 *E. calophylla*, R. Brown. Marri.  
.4321 1141 *E. Jacksoni*, Maiden. Red Tingle Tingle.  
\*.4321 1153 *E. marginata*, Smith. Jarrah.  
\*.4321 1163           "           "  
.4321 2121 *E. haematoxyton*, Maiden. Mountain Marri.  
.4321 2131           "           "  
.4321 7121           "           "  
.4321 7131           "           "

·4323	1125	<i>E. setosa</i> , Schauer.	Bloodwood.
·4323	1135	"	
·4323	4131	<i>E. terminalis</i> , F.v.M.	Ironbark.
·4324	1112	<i>E. dichromophloia</i> , F.v.M.	
·4324	1121	<i>E. Cliftoniana</i> , W. V. Fitzg.	Desert Gum.
·4324	1125	<i>E. setosa</i> , Schauer.	Bloodwood or Cabbage Gum.
·4324	1132	<i>E. dichromophloia</i> , F.v.M.	
·4324	1135	"	
·4324	2133	<i>E. ptychocarpa</i> , F.v.M.	Swamp Red Gum.
·4324	3112	<i>E. tetradonta</i> , F.v.M.	Messmate.
·4324	3132	<i>E. Brachyandra</i> , F.v.M.	Deciduous Bloodwood.
·4324	3142	"	
·4324	4121	<i>E. pyrophora</i> , Benth.	Bloodwood.
·4324	4131	<i>E. terminalis</i> , F.v.M.	Ironbark.
·4324	7112	<i>E. dichromophloia</i> , F.v.M.	
·4324	7115	<i>E. perfoliata</i> , R. Br.	Bloodwood.
·4324	7135	"	
·4334	44x2	<i>E. lirata</i> , (W.V.F.)	Maiden.
·4334	5252	<i>E. microtheca</i> , F.v.M.	Coolibah.
·4334	6152	<i>E. melanophloia</i> , F.v.M.	Silver-leaved Ironbark.
·4334	6252	"	
·4334	8432	<i>E. argillacea</i> , W. V. Fitzg.	
§·5424	4122	<i>E. miniata</i> , A. Cunningham.	Woollybutt.
§·5424	7122	"	
§·5434	2112	<i>E. clavigera</i> , A. Cunn.	Cabbage Gum.
§·5434	2115	"	
§·5434	4112	"	
§·5434	4115	"	
§·5434	4x31	<i>E. oligantha</i> , Schauer.	
§·54x4	7121	<i>E. grandifolia</i> , R. Brown.	
·xxx3	4112	<i>E. gamophylla</i> , F.v.M.	
·xxx3	4115	"	

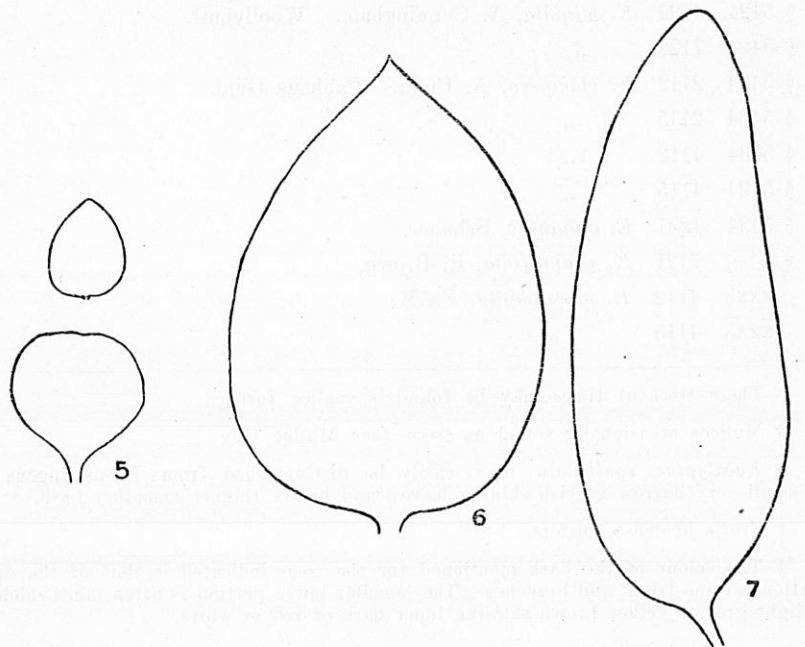
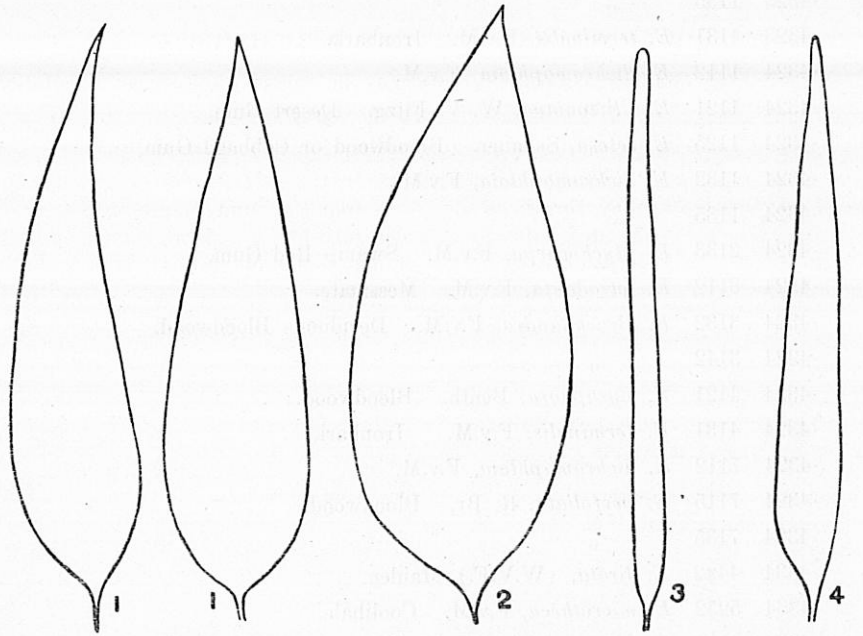
\* These trees at times may be found in mallee form.

† Mallees occasionally found as trees (see Mallee Key).

x *Eucalyptus spathulata* may easily be distinguished from *E. astringens* by its small very narrow greyish shining leaves, and by its thinner smoother bark.

‡ Fruits in dense clusters.

§ The colour of the bark mentioned for the trees indicated is that of the upper portions of the trunk and branches. The lamellar lower portion is often multi-coloured, or light grey to yellow brown showing inner bark of red or white.



## B.—MALLEES, MARLOCKS, AND SHRUBS.

- .10 0000 Mallees associated with trees in forest country, or in Mallee-thickets in reddish or grey clay loam.
- .20 0000 Marlocks, or sand-plain Mallees, usually with small stocks (reduced) or without stocks (shrubs).
- .30 0000 Shrubby forms (Mallee-like) found around granite rocks, or in elevated situations. All except *E. doratoxylon* and *E. megacarpa* (Stirling Range mountain forms) with reddish-green streaked thin barks.
- .40 0000 Tropical species, occurring North of the Tropic of Capricorn.

**LEAVES** (see diagrams on opposite page).

- .01 0000 Leaves lance-shaped, straight, or curved.
- .02 0000 Leaves pointed egg-shaped—ovate-lanceolate.
- .03 0000 Leaves very narrow and long—linear.
- .04 0000 Narrow-lance-shaped—broader than linear, but narrower than lance-shaped.
- .05 0000 Heart-shaped or circular, small.
- .06 0000 Ovate, or egg-shaped, much larger than .05
- .07 0000 Oblong, of the shape and size illustrated.

**FRUIT: Shape.** (See diagrams, page 8.)

- .00 1000 Globular or spherical, or roughly so.
- .00 2000 Egg-shaped, tapering away from the stalk, *i.e.*, with the broad side next to the stalk (ovoid-truncate).
- .00 3000 Bell-shaped (campanulate).
- .00 4000 Long and narrow, or more or less cylindroid.
- .00 5000 Cup-shaped (hemispherical).
- .00 6000 Pear-shaped, but flattened at the end (obovoid-truncate).
- .00 7000 Vase-shaped (globular, egg-shaped, etc., with a distinct neck).
- .00 8000 Inverted cone-shaped, top or funnel-shaped (turbinate).
- .00 9000 Four-angled (quadrangular).

**FRUIT: Valves.** (See diagrams, page 8.)

- .00 0100 Valves *enclosed* within the fruit.
- .00 0200 Valves *protruding* beyond the opening, more or less short and *triangular* (deltoid).
- .00 0300 Valves *protruding*, *awl-shaped*.
- .00 0400 Valves slightly protruding, or slightly sunk, more or less level with the top of the fruit.

**OPERCULUM, or bud-cap: Shape.** (See diagrams, page 8.)

- .00 0010 *Hemispherical.*
- .00 0020 Hemispherical with a *short tip or beak.*
- .00 0030 *Hemispherical-conical.*
- .00 0040 *Egg-shaped, i.e., obtusely conical.*
- .00 0050 *Conical.* Near hemispherical-conical, but more acute.
- .00 0060 *Tapering* to a point (narrow conical).
- .00 0070 *Long with a blunt apex,* or more or less *oblong.*
- .00 0080 With a drawn-out, or *dilated base,* conical, tapering or flat.
- .00 0090 Square, quadrangular, or cross-shaped.

**Colour (LUSTRE) of the leaves.**

- .00 0001 Shining.
- .00 0002 Dull.

## KEY NUMBER AND SPECIES (MALLEES, MARLOCKS, AND SHRUBS).

- .11 1222 *E. Ewartiana*, Maiden.
- \*.11 1341 *E. oleosa*, F.v.M.
- \*.11 1361 *E. oleosa*, F.v.M.
- \*.11 1362 *E. eremophila*, Maiden.
- \*.11 2341 *E. oleosa*, F.v.M.
- \*.11 2361 *E. oleosa*, F.v.M.
- .11 4131 *E. foecunda*, Schau.
- .11 4141 *E. foecunda*, Schau.
- .11 4151 *E. calycogona*, Turcz.
- .11 4152 *E. redunca*, Schau.
- .11 4171 *E. grossa*, F.v.M.
- .11 4422 *E. Sheathiana*, Maiden.
- .11 4462 *E. redunca*, Schau.
- \*.11 5271 *E. annulata*, Benth.
- \*.11 5451 *E. conglobata*, (R. Br.) Maiden.
- .11 6152 *E. redunca*, Schau.
- .11 6231 *E. dumosa*, A. Cunn.
- .11 6371 *E. Stowardi*, Maiden.
- .11 6441 *E. platypus*, var. *nutans*, Benth.
- \*.11 6461 *E. platypus*, Hooker.
- .11 6452 *E. redunca*, Schau.
- .11 6462 *E. redunca*, Schauer.
- \*.11 7481 *E. Flocktoniae*, Maiden.
- .11 8422 *E. Sheathiana*, Maiden.
- .11 8461 *E. erythronema*, Turcz.
- .11 8481 *E. erythronema*, Turcz.
- .11 9151 *E. Forrestiana*, Diels.
- †.14 2241 *E. salubris*, F.v.M.
- †.14 5241            "
- \*.14 4111 *E. gracilis*, F.v.M.
- .14 4132 *E. celastroides*, Turcz.
- \*.14 4362 *E. eremophila*, Maiden.
- \*.14 5431 *E. diptera*, Andrews.
- \*.14 6111 *E. gracilis*, F.v.M.
- .15 4152 *E. Kruseana*, F.v.M.
- \*.15 6461 *E. platypus*, Hooker.
- .16 4171 *E. grossa*, F.v.M.
- .21 1111 *E. buprestium*, F.v.M.
- .21 1212 *E. Ebbanoensis*, Maiden.
- †.21 1251 *E. decipiens*, Endl.

- 21 1282 *E. Ebbanoensis*, Maiden.  
 †·21 1351 *E. decipiens*, Endl.  
 \*·21 1361 *E. falcata*, Turcz.  
 ·21 148x *E. goniantha*, Turcz.  
 ·21 2111 *E. angulosa*, Schau.  
 ·21 2131 *E. decurva*, F.v.M.  
 ·21 2151 *E. angulosa*, Schau.  
 ·21 246x *E. macrandra*, F.v.M.  
 ·21 3261 *E. occidentalis*, Endl.  
 ·21 3271 *E. occidentalis*, Endl.  
 ·21 4121 *E. Comitae-Vallis*, Maiden.  
 ·21 4131 *E. foecunda*, Schau.  
 ·21 4141 *E. foecunda*, Schau.  
 ·21 4422 *E. Sheathiana*, Maiden.  
 ·21 4451 *E. incrassata*, Labill.  
 ·21 4461 *E. incrassata*, Labill.  
 ·21 4462 *E. Gardneri*, Maiden.  
 ·21 5262 *E. pyriformis*, Turcz. var. *Kingsmilli*, Maiden.  
 ·21 5422 *E. pyriformis*, Turcz.  
 ·21 543x *E. micranthera*, F.v.M.  
 ·21 5452 *E. pyriformis*, Turcz.  
 ·21 6212 *E. Ebbanoensis*, Maiden.  
 †·21 6251 *E. decipiens*, Endl.  
 ·21 6282 *E. Ebbanoensis*, Maiden.  
 †·21 6351 *E. decipiens*, Endl.  
 ·21 635x *E. angusta*, Maiden.  
 ·21 6371 *E. astringens*, Maiden.  
 ·21 6462 *E. Gardneri*, Maiden.  
 ·21 7111 *E. angulosa*, Schau.  
 ·21 7151 *E. angulosa*, Schau.  
 ·21 7371 *E. astringens*, Maiden.  
 ·21 8422 *E. Sheathiana*, Maiden.  
 \*·21 9112 *E. eudesmioides*, F.v.M.  
 ·21 9191 *E. tetraptera*, Turcz.  
 \*·21 x361 *E. Lehmanni*, Preiss.  
 ·22 1222 *E. Oldfieldii*, F.v.M.  
 ·23 1441 *E. angustissima*, F.v.M.  
 \*·23 3372 *E. spathulata*, Hook.  
 ·23 xx5x *E. Jutsoni*, Maiden.  
 \*·24 1161 *E. doratoxylon*, F.v.M.  
 ·24 1252 *E. leptopoda*, Benth.  
 ·24 1411 *E. pachyloma*, Bentham.



- .24 1451 *E. uncinata*, Turcz.  
 .24 1452        "        "  
 .24 3191 *E. erythrocorys*, F.v.M.  
 .24 5191        "        "  
 \* .24 6141 *E. leptophylla*, F.v.M.  
 .24 635x *E. angusta*, Maiden.  
 .24 6451 *E. uncinata*, Turcz.  
 .24 6452        "        "  
 .24 6462 *E. xanthonema*, Turcz.  
 .24 7131 *E. sepulchralis*, F.v.M.  
 .26 2112 *E. tetragona*, F.v.M.  
 .26 5222 *E. macrocarpa*, Hooker.  
 .27 3412 *E. Preissiana*, Schauer.  
 .27 5451 *E. Kalganensis*, Maiden.  
 † .31 1151 *E. marginata*, Sm.  
 † .31 1161        "        "  
 .31 1221 *E. megacarpa*, F.v.M.  
 .31 1222 *E. Ewartiana*, Maiden.  
 .31 2122 *E. caesia*, Bentham.  
 .34 1161 *E. doratoxylon*, F.v.M.  
 .35 5212 *E. crucis*, Maiden.  
 .35 5442 *E. Websteriana*, Maiden  
 .35 xx5x *E. orbifolia*, F.v.M.  
 .44 3241 *E. Herbertiana*, Maiden.  
 .44 4111 *E. odontocarpa*, F.v.M.  
 .44 7241 *E. Herbertiana*, Maiden

---

\* Mallees which sometimes have a tree form.

† Trees which sometimes have a Mallee form (see Arborescent Key).

## Index of Vernacular Names.

Albany Blackbutt ... ..	<i>E. Staeri</i> , Maiden	...	...
Apple Gum ... ..	<i>E. pruinosa</i> , Schauert	...	...
Bastard Bloodwood ... ..	<i>E. perfoliata</i> , R. Brown	...	...
Blackbutt ... ..	<i>E. patens</i> , Bentham	...	...
" Albany ... ..	<i>E. Staeri</i> , Maiden, Ms	...	...
" Cleland's ... ..	<i>E. Clelandi</i> , Maiden	...	...
" Dundas ... ..	<i>E. Dundasi</i> , Maiden	...	...
" Goldfields ... ..	<i>E. Clelandi</i> , Maiden	...	...
	<i>E. Dundasi</i> , Maiden	...	...
	<i>E. Le Souefii</i> , Maiden	...	...
	<i>E. intertexta</i> , R. T. Baker	...	...
	<i>E. transcontinentalis</i> , Maiden	...	...
" Le Souef's ... ..	<i>E. Le Souefii</i> , Maiden	...	...
" Coastal ... ..	<i>E. Todtiana</i> , F. v. M.	...	...
Blackheart ... ..	<i>E. microtheca</i> , F. v. M.	...	...
Black Morrel ... ..	<i>E. melanoxyton</i> , Maiden	...	...
" (Yorrel) ... ..	<i>E. gracilis</i> , F. v. M.	...	...
Black Yate ... ..	<i>E. gracilis</i> , F. v. M.	...	...
Bloodwood ... ..	<i>E. Foelscheana</i> , F. v. M.	...	...
" ... ..	<i>E. latifolia</i> , F. v. M.	...	...
" ... ..	<i>E. pyrophora</i> , Bentham	...	...
Blue Gum ... ..	<i>E. megacarpa</i> , F. v. M.	...	...
Blue Mallet ... ..	<i>E. Gardneri</i> , Maiden	...	...
Blue-leaved Mallet ... ..	<i>E. Gardneri</i> , Maiden	...	...
Brown Mallet ... ..	<i>E. astringens</i> , Maiden	...	...
Bullich ... ..	<i>E. megacarpa</i> , F. v. M.	...	...
Cabbage Gum ... ..	<i>E. papuana</i> , F. v. M.	...	...
Cleland's Blackbutt ... ..	<i>E. Clelandi</i> , Maiden	...	...
Coastal Blackbutt ... ..	<i>E. Todtiana</i> , F. v. M.	...	...
Coastal White Gum ... ..	<i>E. decipiens</i> , Endl.	...	...
Coolibah ... ..	<i>E. microtheca</i> , F. v. M.	...	...
Coral-flowered Gum ... ..	<i>E. torquata</i> , Leuhmann	...	...
Desert Blackbutt ... ..	<i>E. intertexta</i> , R. T. Baker	...	...
Desert Gum ... ..	<i>E. Cliftoniana</i> , W. V. Fitzg.	...	...
" ... ..	<i>E. papuana</i> , F. v. M. (an inland form)	...	...
Dundas Blackbutt ... ..	<i>E. Dundasi</i> , Maiden	...	...
Flat-topped Yate ... ..	<i>E. occidentalis</i> , Endl.	...	...
Flooded Gum ... ..	<i>E. rudis</i> , Endl.	...	...
Gimlet ... ..	<i>E. salubris</i> , F. v. M.	...	...
" Silver-topped ... ..	<i>E. campaspe</i> , Spencer Moore	...	...
" Swamp ... ..	<i>E. spathulata</i> , Hooker	...	...
Goldfields Blackbutt—(See Blackbutt, Goldfields)			
" Yellow-flowered Blackbutt ... ..	<i>E. Stricklandi</i> , Maiden	...	...
" " Gum ... ..	<i>E. Stricklandi</i> , Maiden	...	...
" Red-flowered Gum ... ..	<i>E. torquata</i> , Leuhm.	...	...
Grey Box ... ..	<i>E. Spenceriana</i> , Maiden	...	...
" Gum ... ..	<i>E. Griffithsii</i> , Maiden	...	...
Illyarrie ... ..	<i>E. erythrocorys</i> , F. v. M.	...	...
Ironbark ... ..	<i>E. terminalis</i> , F. v. M.	...	...
" Isdell River ... ..	<i>E. melanophloia</i> , F. v. M.	...	...
" Silver-leaved ... ..	<i>E. melanophloia</i> , F. v. M.	...	...
Jarrah ... ..	<i>E. marginata</i> , Smith	...	...
Karri ... ..	<i>E. diversicolor</i> , F. v. M.	...	...
" Swamp ... ..	<i>E. megacarpa</i> , F. v. M.	...	...
Kimberley Red Gum ... ..	<i>E. ptychocarpa</i> , F. v. M.	...	...
" White Gum ... ..	<i>E. Houseana</i> , (W.V.F.), Maiden	...	...
Le Souef's Blackbutt ... ..	<i>E. Le Souefii</i> , Maiden	...	...

INDEX OF VERNACULAR NAMES—*continued*.

Mallet, Blue ... ..	<i>E. Gardneri</i> , Maiden ... ..
"  Brown ... ..	<i>E. astringens</i> , Maiden ... ..
"  Red ... ..	<i>E. astringens</i> , Maiden ... ..
"  Swamp ... ..	<i>E. spathulata</i> , Hooker ... ..
"  White ... ..	<i>E. falcata</i> , Turcz. v. <i>ecostata</i> , Maiden ... ..
Marri ... ..	<i>E. calophylla</i> , R. Br. ... ..
Messmate ... ..	<i>E. tetradonta</i> , F. v. M. ... ..
Micum ... ..	<i>E. pallidifolia</i> , F. v. M. ... ..
Mirret ... ..	<i>E. celastroides</i> , Turcz. ... ..
Moich ... ..	<i>E. rudis</i> , Endl. ... ..
Moort ... ..	<i>E. platypus</i> , Hooker ... ..
"  Round-leaved ... ..	<i>E. platypus</i> , Hooker ... ..
Morrel, Black ... ..	<i>E. melanoxylon</i> , Maiden ... ..
"  Red ... ..	<i>E. longicornis</i> , F. v. M. ... ..
Mountain Gum ... ..	<i>E. haematoxylon</i> , Maiden ... ..
"  Marri ... ..	<i>E. haematoxylon</i> , Maiden ... ..
Parker's Gum ... ..	<i>E. foecunda</i> , Sch. v. <i>loxophleba</i> , Benth ... ..
Poot ... ..	<i>E. longicornis</i> , F. v. M. ... ..
Powder-bark ... ..	<i>E. Lane-Polei</i> , Maiden ... ..
Powder-bark Wandoo ... ..	<i>E. accedens</i> , W. V. Fitzg. ... ..
Prickly-bark ... ..	<i>E. Todtiana</i> , F. v. M. ... ..
Red-flowering Gum ... ..	<i>E. ficifolia</i> , F. v. M. ... ..
"  "  "  Goldfields ... ..	<i>E. torquata</i> , Leuhm. ... ..
"  Gum ... ..	<i>E. calophylla</i> , R. Brown ... ..
"  "  Kimberley ... ..	<i>E. ptychocarpa</i> , F. v. M. ... ..
"  "  Mountain ... ..	<i>E. haematoxylon</i> , Maiden ... ..
"  Morrel ... ..	<i>E. longicornis</i> , F. v. M. ... ..
"  Tingle Tingle ... ..	<i>E. Jacksoni</i> , Maiden ... ..
Redwood ... ..	<i>E. transcontinentalis</i> , Maiden ... ..
Ribbon tree ... ..	<i>E. celastroides</i> , Turcz. ... ..
Ridge Gum ... ..	<i>E. alba</i> , Reinwardt ... ..
River Gum ... ..	<i>E. rostrata</i> , Schlecht ... ..
Round-leaved Moort ... ..	<i>E. platypus</i> , Hooker ... ..
Salmon-Gum ... ..	<i>E. salmonophloia</i> , F. v. M. ... ..
"  White Gum ... ..	<i>E. Lane-Polei</i> , Maiden ... ..
Silver-leaved Ironbark ... ..	<i>E. melanophloia</i> , F. v. M. ... ..
"  topped Gimlet ... ..	<i>E. campaspe</i> , Sp. Moore ... ..
Snap and Rattle ... ..	<i>E. gracilis</i> , F. v. M. ... ..
Stringybark ... ..	<i>E. tetradonta</i> , F. v. M. ... ..
Swamp Gimlet ... ..	<i>E. spathulata</i> , Hooker ... ..
"  Gum ... ..	<i>E. rudis</i> , Endl. ... ..
"  Karri ... ..	<i>E. megacarpa</i> , F. v. M. ... ..
"  Mallet ... ..	<i>E. spathulata</i> , Hooker ... ..
"  Yate ... ..	<i>E. occidentalis</i> , Endl. ... ..
Tingle Tingle Red ... ..	<i>E. Jacksoni</i> , Maiden ... ..
"  "  Yellow ... ..	<i>E. Guilfoylei</i> , Maiden ... ..
Tuart (or Tooart) ... ..	<i>E. gomphocephala</i> , A.D.C. ... ..
Wandoo ... ..	<i>E. redunca</i> , Schau. v. <i>elata</i> , Benth. ... ..
"  Powder bark ... ..	<i>E. accedens</i> , W. V. Fitzg. ... ..
"  Salmon-bark ... ..	<i>E. Lane-Polei</i> , Maiden ... ..
Weeping Gum ... ..	<i>E. sepulcratis</i> , F. v. M. ... ..
White Gum (Kimberley) ... ..	<i>E. Houseana</i> (W.V.F.), Maiden ... ..
"  "  (Wandoo) ... ..	<i>E. redunca</i> , Schau. var. <i>elata</i> , Bentham ... ..
"  "  (Coastal) ... ..	<i>E. decipiens</i> , Endlicher ... ..
"  Mallet ... ..	<i>E. falcata</i> , Turcz. v. <i>ecostata</i> , Maiden ... ..
Woollybutt ... ..	<i>E. miniata</i> , A. Cunningham ... ..
Yate ... ..	<i>E. cornuta</i> , Labill. ... ..
"  flat-topped ... ..	<i>E. occidentalis</i> , Endl. ... ..
"  Black ... ..	<i>E. gracilis</i> , F. v. M. ... ..
"  Swamp ... ..	<i>E. occidentalis</i> , Endl. ... ..
Yellow-flowered Blackbutt ... ..	<i>E. Stricklandi</i> , Maiden ... ..
"  "  Gum ... ..	<i>E. Stricklandi</i> , Maiden ... ..
Yellow Tingle Tingle ... ..	<i>E. Guilfoylei</i> , Maiden ... ..
York Gum ... ..	<i>E. foecunda</i> , Schau. v. <i>loxophleba</i> , Benth. ... ..
Yorrell ... ..	<i>E. gracilis</i> , F. v. M. ... ..

## Alphabetical List of Western Australian Eucalyptus Trees.

<i>Eucalyptus accedens</i> , W. V. Fitzg. ... " <i>alba</i> , Reinwardt ... " <i>argillacea</i> , W. V. Fitzg. ... " <i>stringens</i> , Maiden ... " <i>brachyandra</i> , F. v. Mueller ... " <i>caesia</i> , Bentham ... " <i>calophylla</i> , R. Brown ... " <i>campaspe</i> , Spencer le M. Moore ... " <i>celastroides</i> , Turczaninow ... " <i>clavigera</i> , Allan Cunningham ... " <i>Clelandi</i> Maiden ... " <i>Cliftoniana</i> , W. V. Fitzgerald ... " <i>collina</i> , W. V. Fitzg. ... " <i>confluens</i> , (W. V. Fitzg.), Maiden ... " <i>Cooperiana</i> , F. v. Mueller... " <i>cornuta</i> , Labill ... " <i>corrugata</i> , Luehmann ... " <i>decipiens</i> , Endlicher ... " <i>dichromophloia</i> , F. v. M. ... " <i>diversicolor</i> , F. v. Mueller... " <i>Drummondii</i> , Bentham ... " <i>Dundasi</i> , Maiden ... " <i>erythrocorys</i> , F. v. Mueller... " <i>falcata</i> , Turcz.; <i>var. ecostata</i> , Maiden ... " <i>ficifolia</i> , F. v. Mueller ... " <i>Flocktoniae</i> , Maiden ... " <i>foecunda</i> , Schau.; <i>var. loxophleba</i> , Bentham ... " <i>Foelscheana</i> , F. v. Mueller... " <i>gamophylla</i> , F. v. Mueller... " <i>Gardneri</i> , Maiden ... " <i>gomphocephala</i> , A. De Candolle ... " <i>gracilis</i> , F. v. Mueller ... " <i>grandifolia</i> , R. Brown ... " <i>Griffithsii</i> , Maiden ... " <i>Guilfoylei</i> , Maiden... " <i>haematoxylon</i> , Maiden ... " <i>Houseana</i> (W. V. Fitzg.), Maiden ... " <i>intertexta</i> , R. T. Baker ... " <i>Jacksoni</i> , Maiden ...	<i>Eucalyptus Lane-Poolei</i> , Maiden ... " <i>latifolia</i> , F. v. Mueller ... " <i>Le Souefii</i> , Maiden ... " <i>lirata</i> (W. V. Fitzg.), Maiden ... " <i>longicornis</i> , F. v. Mueller ... " <i>marginata</i> , Smith ... " <i>megacarpa</i> , F. v. Mueller... " <i>melanophloia</i> , F. v. Mueller ... " <i>melanoxylon</i> , Maiden ... " <i>microtheca</i> , F. v. M. ... " <i>miniata</i> , Allan Cunningham ... " <i>Mooreana</i> (W. V. F.), Maiden ... " <i>Mundijongensis</i> , Maiden ... " <i>occidentalis</i> , Endlicher ... " <i>oleosa</i> , F. v. M. ... " <i>obigantha</i> , Schauer ... " <i>pallidifolia</i> , F. v. M. ... " <i>papuana</i> , F. v. Mueller ... " <i>patens</i> , Bentham ... " <i>perfoliata</i> , R. Brown ... " <i>platypus</i> , Hooker ... " <i>pruinosa</i> , Schauer ... " <i>ptychocarpa</i> , F. v. Mueller... " <i>pyrophora</i> , Bentham ... " <i>redunca</i> , Schau.; <i>var. elata</i> , Bentham ... " <i>rostrata</i> , Schlecht ... " <i>rudis</i> , Endlicher ... " <i>salmonophloia</i> , F. v. M. ... " <i>salubris</i> , F. v. Mueller ... " <i>Sargenti</i> , Maiden ... " <i>sepulcralis</i> , F. v. Mueller ... " <i>setosa</i> , Schauer ... " <i>spathulata</i> , Hooker ... " <i>Spenceriana</i> , Maiden ... " <i>Staeri</i> , Maiden, Ms ... " <i>striatocalyx</i> , W. V. Fitzgerald ... " <i>Stricklandi</i> , Maiden ... " <i>terminalis</i> , F. v. M. ... " <i>tetradonta</i> , F. v. M. ... " <i>Todiana</i> , F. v. M. ... " <i>torquata</i> , Luehmann ... " <i>transcontinentalis</i> , Maiden ... " <i>Woodwardi</i> , Maiden ...
--	---

### Trees which occasionally take on a Mallee form—

<i>E. astringens</i> , Maiden ... <i>E. celastroides</i> , Turcz. ... <i>E. cornuta</i> , Labill ... <i>E. decipiens</i> , Endl. ... <i>E. diptera</i> , C. Andrews ... <i>E. falcata</i> , Turcz. ... <i>E. Flocktoniae</i> , Maiden ... <i>E. Gardneri</i> , Maiden ...	<i>E. gracilis</i> , F. v. M. ... <i>E. marginata</i> , Smith ... <i>E. megacarpa</i> , F. v. M. ... <i>E. oleosa</i> , F. v. M. ... <i>E. salubris</i> , F. v. M. ... <i>E. spathulata</i> , Hooker ... See also Mallees occurring as trees ...
--	--

### Alphabetical List of Mallees and Marlocks.

<i>E. angulosa</i> , Schauer ... ..	<i>E. Lehmanni</i> , Preiss ... ..
<i>E. angusta</i> , Maiden ... ..	<i>E. leptophylla</i> , F. v. M. ... ..
<i>E. angustissima</i> , F. v. M. ... ..	<i>E. leptopoda</i> , Benth. ... ..
<i>E. annulata</i> , Benth. ... ..	<i>E. macrandra</i> , F. v. M. ... ..
<i>E. buprestium</i> , F. v. M. ... ..	<i>E. macrocarpa</i> , Hooker ... ..
<i>E. calycogona</i> , Turcz. ... ..	<i>E. micranthera</i> , F. v. M. ... ..
<i>E. Comitae-Vallis</i> , Maiden ... ..	<i>E. occidentalis</i> , Endl. var. <i>stenantha</i> , Diels ... ..
<i>E. conglobata</i> ( <i>R. Br.</i> ), Maiden ... ..	<i>E. odontocarpa</i> , F. v. M. ... ..
<i>E. crucis</i> , Maiden ... ..	<i>E. Oldfieldii</i> , F. v. M. ... ..
<i>E. decurva</i> , F. v. M. ... ..	<i>E. oleosa</i> , F. v. M. ... ..
<i>E. diptera</i> , Cecil Andrews ... ..	<i>E. orbifolia</i> , F. v. M. ... ..
<i>E. doratoxylon</i> , F. v. M. ... ..	<i>E. pachyloma</i> , Benth. ... ..
<i>E. dumosa</i> , A. Cunn. ... ..	<i>E. platypus</i> , Hooker; var. <i>nutans</i> , Benth. ... ..
<i>E. Ebbanoensis</i> , Maiden ... ..	<i>E. Preissiana</i> , Schau. ... ..
<i>E. eremophila</i> , Maiden ... ..	<i>E. pyriformis</i> , Turcz. ... ..
<i>E. eremophila</i> var. <i>grandiflora</i> , Maiden ... ..	<i>E. pyriformis</i> , var. <i>minor</i> , Maiden ... ..
<i>E. erythronema</i> , Turcz. ... ..	<i>E. pyriformis</i> , var. <i>elongata</i> , Maiden ... ..
<i>E. erythronema</i> , var. <i>marginata</i> , Benth. ... ..	<i>E. pyriformis</i> , var. <i>Rameliana</i> , Maiden ... ..
<i>E. eudesmioides</i> , F. v. M. ... ..	<i>E. pyriformis</i> , var. <i>Kingsmilli</i> , Maiden ... ..
<i>E. Ewartiana</i> , Maiden ... ..	<i>E. redunca</i> , Schauer. ... ..
<i>E. falcata</i> , Turcz. ... ..	<i>E. redunca</i> , var. <i>melanophloia</i> , Benth. ... ..
<i>E. foecunda</i> , Schauer ... ..	<i>E. redunca</i> , var. <i>oxymitra</i> , Maiden ... ..
<i>E. Forrestiana</i> , Diels ... ..	<i>E. Sheathiana</i> , Maiden ... ..
<i>E. goniantha</i> , Turcz. ... ..	<i>E. tetragona</i> , F. v. M. ... ..
<i>E. grossa</i> , F. v. M. ... ..	<i>E. tetraptera</i> , Turcz. ... ..
<i>E. Herbertiana</i> , Maiden ... ..	<i>E. uncinata</i> , Turcz. ... ..
<i>E. incrassata</i> , Labill. ... ..	<i>E. Websteriana</i> , Maiden ... ..
<i>E. Jutsoni</i> , Maiden ... ..	<i>E. xanthonema</i> , Turcz. ... ..
<i>E. Kalganensis</i> , Maiden ... ..	
<i>E. Kruseana</i> , F. v. M. ... ..	

#### Mallees, which sometimes have a tree form—

<i>E. annulata</i> , Bentham ... ..	<i>E. Lehmanni</i> , Preiss. ... ..
<i>E. conglobata</i> ( <i>R. Br.</i> ), Maiden ... ..	<i>E. leptophylla</i> , F. v. M. ... ..
<i>E. diptera</i> , Cecil Andrews ... ..	<i>E. oleosa</i> , F. v. M. ... ..
<i>E. doratoxylon</i> , F. v. M. (?) ... ..	<i>E. platypus</i> , Hooker ... ..
<i>E. eremophila</i> , Maiden ... ..	<i>E. spathulata</i> , Hooker ... ..
<i>E. eudesmioides</i> , F. v. M. (?) ... ..	See also list of trees sometimes oc- curring as Mallees ... ..
<i>E. falcata</i> , Turcz. ... ..	