

Table 2. Juvenile and adult leaf morphological of nine eucalyptus species

Species Characters	<i>E. camaledulensis</i>	<i>E. cinerea</i>	<i>E. citriodora</i>	<i>E. ficifolia</i>	<i>E. globules</i>	<i>E. gomphocephala</i>	<i>E. kruseana</i>	<i>E. resinifera</i>	<i>E. rostrata</i>
Juvenile leaf characters									
Shape in outline	Broadly Lanceolate to ovate	Cordate, over the whole or greater part of the crownl	oblong to Lanceolate	ovate	Broadly Lanceolate to ovate	Broadly Lanceolate to Ovate	Reniformis	Lanceolate to ovate	ovate
Length cm.	6-9 cm	2.7-4	7-15	9-11	7-16	4.5-7	1-1.6	4-6	4-6
Width cm.	2.5-4	2.5-3.5	3-6	4.5-5.5	4-9	2-5	1-2	1.5-2	2-3
Colour	Waxy & bluish	Blue grey	Light green	Green with light viens	Light green	Green	Grey-blue	Light green	Light green
Petiol	Present	Absent	Present	Present	Absent	Present	Absent	Present	Present
Arrangement	Opposite (3-4 pairs)	Opposite (2 pairs)	Opposite (4-5 pairs)	Alternate	Opposite (many pairs)	Alternate	Opposite (2 pairs)	Opposite (3-4 pairs)	Opposite (3-4 pairs)
Adult leaf characters									
Shape in outline	Lanceolate	Widely Ovate	Narrowly to broadly Lanceolate	Oval & Lanceolate	Lanceolate	Ovate to Lanceolate	Reniformis	Lanceolate	Ovate
Length cm.	12-30	3-5	9-25	7-11	10-30	Up to 17	1.5-2	10-16	6-8.5
Width cm.	0.8-1.5	2.5-4.6	2-4.5	3.5-4.5	3-6.5	2-4	2-3	2-3	3-4
Colour	Dull& Pale green	Silvery white	Pale green	Dark green with lighter central veins	Lustrous Dark green	Dark green	Green	Dark green	Lustrous green
Petiol	Present	Present	Present	Present	Present	Present	Absent	Present	Present
Arrangement	Alternate	Alternate	Alternate	Alternate	Alternate	Alternate	Opposite	Alternate	Alternate
Thickness	Thin	Thin	Thick	Thick	Thick	Thick	Thin	Thin	Thin
Texture	Leathery	Leathery	Leathery	Leathery	Leathery	Leathery	No Leathery	Leathery	Leathery
Apex	Acute	Acuminate	Acute	Acute	Acute	Acute	Obtuse	Acute	Apiculatr
Base	Symmetrical	Cordate	Symmetrical	Symmetrical	Asymmetrical	Very Asymmetrical	Reniform	Symmetrical	Symmetrical

Table 3. Leaf micromorphological description of nine eucalyptus species.

Species Characters	<i>E. canaledulensis</i>	<i>E. cinerea</i>	<i>E. citriodora</i>	<i>E. ficifolia</i>	<i>E. globules</i>	<i>E. gomphocephala</i>	<i>E. kruseana</i>	<i>E. resinifera</i>	<i>E. rostrata</i>
	Upper epidermis								
Sculpture	Pusticulate	Weak Ruminante	Ruminate	Pusticulate	Glebulate	Colliculate	Weak Favulariate	Colliculate	Pusticulate
Type of Stomata	Anomocytic	Actinocytic	Actinocytic	Absent	Absent	Anomocytic & Actinocytic	Anomocytic	Absent	Anomocytic & Actinocytic
Stomatal leveling	Raised	Very raised	Depressed	-	-	Depressed	Depressed	-	Semi-depressed
Trichome (Glandular)	Vasaka	Vasaka	Vasaka & Belladonna	Vasaka	Vasaka & Menthe	Menthe	Vasaka & Belladonna	Vasaka & Menthe	Vasaka
	Lower epidermis								
Sculpture	Verruculate	Favulariate	Rugose	Ruminate - Faulariate	Ruminate	Weak Colliculate	Favulariate	Verrucate	Verrucate
Type of Stomata	Anomocytic	Anomocytic & Actinocytic	Anomocytic	Anomocytic	Anomocytic & Actinocytic	Anomocytic & Actinocytic	Anomocytic	Anomocytic	Anomocytic & Actinocytic
Stomatal leveling	Raised	Semi-raised	Depressed	Superficial	Superficial	Depressed	Superficial	Very depressed	Depressed
Trichome (Glandular)	Vasaka	Vasaka & Belladonna	Vasaka & Belladonna	Vasaka	Vasaka & Belladonna	Belladonna & Menthe	Vasaka & Menthe	Vasaka & Menthe	Vasaka & Belladonna

Leaf micromorphological characteristics were examined used scanning Electronic Microscope