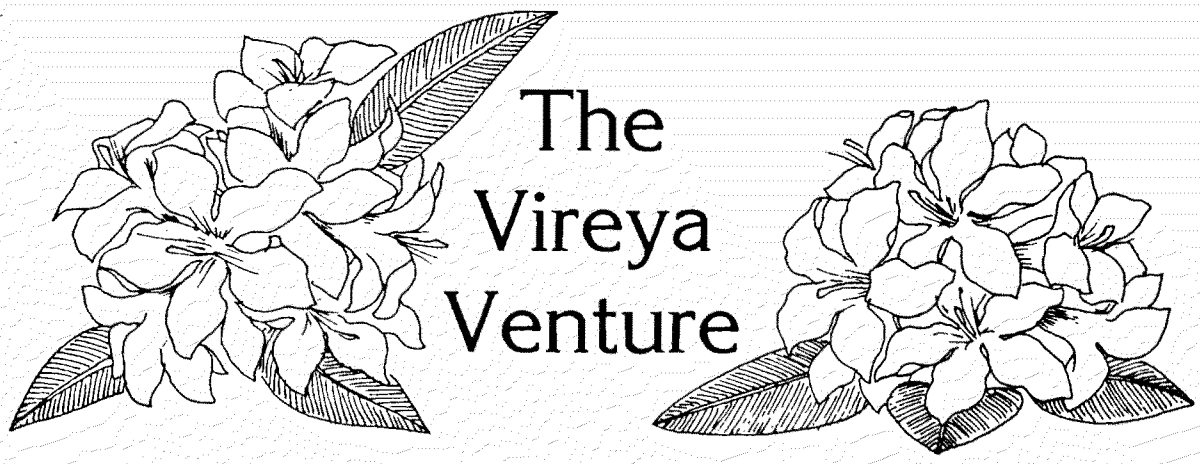


THE VIREYA VENTURE No.25 OCTOBER 1996

This issue has been delayed a little by our attending the A.G.M. of the Aust.Rhodo.Society at Stirling in the Adelaide hills of South Sust. This gave us some useful information from the Aust. Plant Registrar, Mr.G.Eaton, which is appended, and also the latest Vireya registrations.

As expected our Spring weather has been very variable, not only here, as on the way over temperatures peaked at 34°C at Renmark and 32° in Adelaide, falling a few days later in the Hills to a degree that was unpleasantly cold,before returning to a more normal 22°. Between Wollongong and Adelaide, via Narranderra,Hay and Mildura the country was all lush and green, the best we have ever seen it.

Adelaide has had a wet winter and the private gardens looked magnificent, but some vireyas had suffered from snow and hail. in one area that we did not see this time.
The Botanic Garden at Mt.Lofty was the centre of our visits, it is very large - now 97 hectares - with 9 major valleys and two man made lakes, a very hilly area with acidic soil and the original Stringy Barks still very prominent. Rhododendrons flourish in selected areas and Vireyas are scattered through them. It is a very interesting garden, well labelled and a good place to spend a day.

In Wollongong in September the 'Florawarra' festival had very good attendances at the Botanic Garden - indeed finding a parking place was a problem. And the Rhododendron Park with plenty of Vireyas in flower had 17 busloads of visitors during the month, well above the norm.

We need your comments and reports on what has been going on in your area, please send them to:-

The Editor
P.O.Box 8, Keiraville, N.S.W. 2500
J.Clyde Smith

POWDERY MILDEW

The occurrence of this nuisance is quite irregular in my garden and seems to be more related to the parentage of the vireya than to any other factor. Certainly climatic factors must have some influence and our climate is usually rather humid. However mildew will occur on one plant only in a group, in hanging baskets that are fully exposed, on plants in almost full sun and on heavily shaded plants. One group of large and old Vireyas growing in close proximity contains plants of 'Penrose' and R.laetum that are regularly affected by mildew. Alongside them are R.lochiae,'Sweet Rosalea','Clorinda', 'Robert Withers','R.jasminiflorum x 'Pink Delight', and R.konorii x 'Pink Delight',that are not affected.

The usual fungicidal sprays will check mildew temporarily but the only other action that I have come across recently and have not yet determined how effective it could be, is detailed in W.Hazelwood's book "A Handbook of Trees Shrubs and Roses". He attributes the successful growing of roses without any mildew to the presence of potash, and quotes three sources that were effective. These were 1. roses growing on what had been an old dump for wood ash. 2. A relatively high natural potash level in a river flat. 3. the use of potassium sulphate - one teaspoon to 4 gallons of water.

There is a very interesting and detailed paper on 'Phosphorus and Nitrogen Nutrition of Rhododendrons' by G.F.Ryan in Vol.44, the Spring 1990 issue of the American Rhododendron Journal. While the article does not mention Vireyas it does cover Azaleas and Rhododendrons in general so it may be assumed that the comments are also applicable to Vireyas. The article also refers specifically to potassium.

There is a significant warning against the use of potassium in the nitrate form, as this usually induces iron deficiency and reduces growth unless enough iron is supplied in the form of iron chelates.

Too much phosphorus can also result in iron deficiency chlorosis due to iron tie up in the soil or in the plant. Nitrogen is the nutrient used in the largest quantity by plants.

If you need more details of this paper please let me know.

'The Aid to Early Flowering' comments by Barry Paget in issue No.23, gave credit to sulphate of potash also, and its use, plus other fertilisers,all in moderation,is desirable. Of course your own experience is invaluable - e.g. Iron chelates was not very effective here on chlorotic plants in pots but a trial with magnesium sulphate did much more good. Mrs S.Saperstein uses a heaped teaspoon of dolomite per 150mm pot for a slow release of magnesium.

There is a new fertiliser now that is interesting - it is 'Apex (blue)' Polyon, 14/6/11.6. The nitrogen is a coated slow release form controlled by Osmosis regulated by soil Temperature, but the other elements are not. Editor.

REGISTRAR'S REPORT 1995/96

The following is a listing of Vireya registrations submitted by the Australian Rhododendron Society Plant Registrar and approved by the Royal Horticultural Society during the year 1995-1996.

Juan Diego 'Carillon Bells' x R.leptanthum.
Hybridised,grown,named and registered by Brian Clancy, Bentleigh Victoria. Hanging bell truss of two tubular funnel shaped flowers with 5 flat margined lobes. Colour moderate purplish red (184C) in bud opening to deep yellowish pink (43C) inside and outside corolla. Leaves elliptic 30mm x 10mm, flat margins, glossy, cuneate at base, acute at apex, with scales. Indumentum moderate yellow (170C) when young, maturing to nil glabrescent. Height 0.85 metres in 10 years.
Sweet Serenity (R.lochiae x R.jasminiflorum) x (R.multinervium)
Hybridised, grown to first flower (1988), named and registered by Brian Clancy, Bentleigh, Victoria.
Flat truss of 6-9 tubular funnel shaped flowers with 5 slightly wavy edged lobes. Colour, buds light purplish pink (55C), shading to pale purplish pink (55D) inside corolla, light purplish pink (55C) outside corolla. Fragrantly scented. Leaves elliptic,70mm x 40mm, flat margins,glossy,cuneate at base,obtuse at apex, with no indumentum. Height 0.6metres in 6 years.
Teddy's Best R.laetum x 'Gardenia Odyssey'.
Hybridised by G.Snell,Maleny,Queensland, grown to first flower (1992), named and registered by Brian Clancy, Bentleigh, Victoria Formal truss of 14-16 tubular funnel funnel shaped flowers with 5 lobed flat margined flowers. Colour, buds vivid yellow (17C), opening to corollas inside and out of the same colour. Leaves oblanceolate , 120mm x 60mm, glossy with prominent veins, slightly upcurved margins, cuneate at base, obtuse at apex, with no indumentum. Height 0.9 metres in 11 years.
Chayya Change to original details. Parentage is 'Pink Delight' x R.intranervatum F2.

Further to the Registrar's comments in Issue No.20 of July 1995 he has produced the attached diagrams of flower and leaf shapes. These have been approved by the R.H.S. Registrar.
A copy of the current registration form is also attached.

Mr.Graeme Eaton may be contacted at 1386 Mount Dandenong Tourist Road, Mount Dandenong, Victoria, 3767. Telephone (03) 9751 1105, for any further information if requred.

Also tabled were complete records of all Australian registered Azaleas, Vireyas and Rhododendrons. The Vireyas number 226 in all, including selected forms of a few species and a listing of these in alphabetical order with their parentage is also attached.

xxxx

A quick look at these did not show any hybrids of R.hellwigii as yet - although there may be some registered overseas. I would expect some soon as 3 of its hybrids have just flowered here. They are very good, two (x R.laetum and R.konorii) of a very deep red (43B) and one (x R.konorii) shading from the same dark red to a yellowish tube, a very striking and unsual flower.

GROUND COVERS

For some time I have been concerned about the desirability of covering the ground between Vireyas that were planted with reasonable clearances betwen them - according to type - to avoid the legginess that follows overcrowing. Ground covers seemed to be the answer, even if only as a temporary expedient, but one definition of the perfect ground cover that I read, simply said 'A lawn' so perhaps it is better to think of companion plants.

The Rhododendron Park at Mt. Pleasant has plenty of native violets growing there naturally so a few of these were put in and they seemed to spread and cover very well until I had a close look at them after hearing complaints from others about the intrusion of dichondra repens in their gardens. Most of my viola hederacea was full of dichondra, and it is a very invasive weed that is not easy to eradicate and that will spread right through lawns and gardens. The leaf and root system is readily distinguishable from the violets, but not at a casual look from a distance.

Another introduction to an early shade house was a few plants of maidenhair fern that we found growing on a sand bank in a small creek that was drying up. It likes it here and was eventually spread to some garden beds where there are now some clumps growing happily around a few Vireyas and other plants. As they can be clipped back or pulled out to thin them without much effort they are not hard to control and they do not appear to have any deleterious effect on the companions.

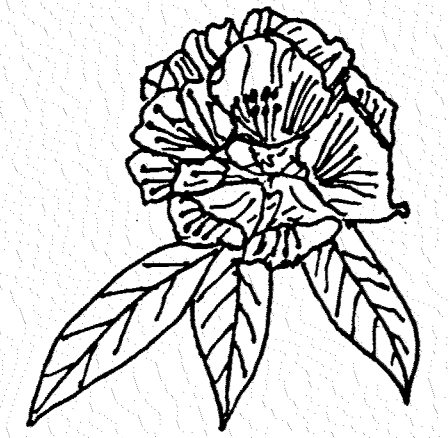
The Canberra Botanic Garden issued a paper some time ago on herbaceous and carpeting plants for ground covers which included dichondra and viola but most of them seem rather too active for Vireyas. Two that might be tried are Lotus corniculatus and Houttuynia cordata variegated which is very attractive but dies down in winter.

Editor.

FLOWER SHAPES



Ball Shaped - Truss is in the shape of a sphere. Rounded top and bottom.
e.g. R. grande

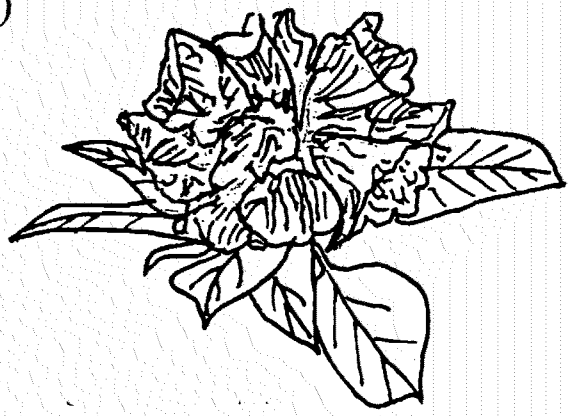


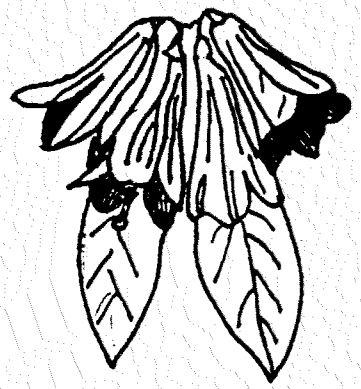
Dome Shaped - Truss has a rounded or domed top and relatively flat base.
e.g. R. arboreum



Conical shaped - Truss is in the shape of a cone with sloping outline and definite apex.
e.g. ALICE

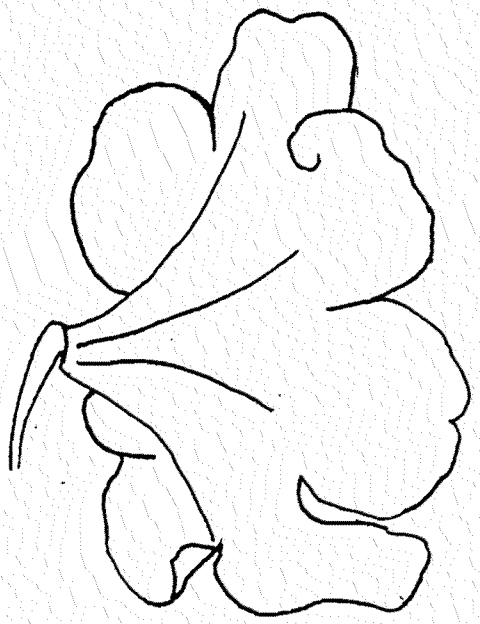
Flat Shaped - Truss is relatively flat at the apex. (Not rounded)
e.g. R. taliense



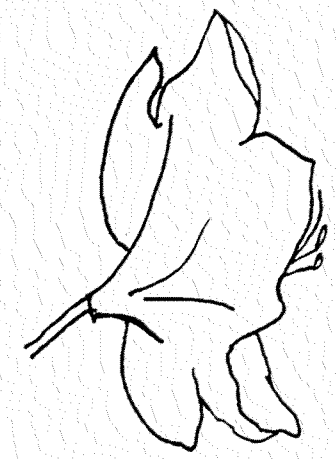


Lax Shaped - Truss consists of nodding florets on downward curving pedicels
e.g. R. cinnabarinum

FLORET SHAPES



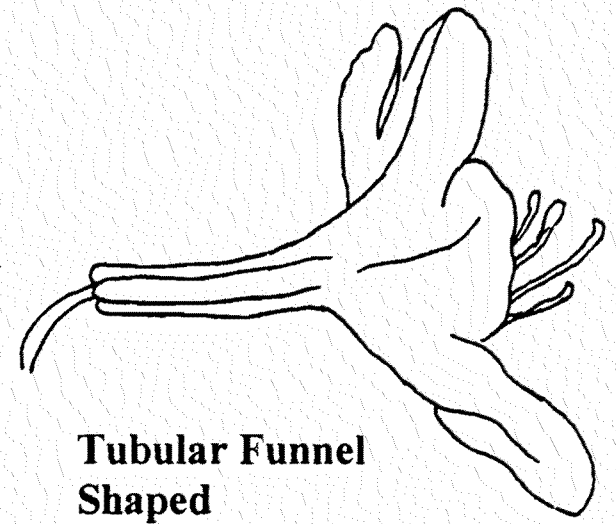
Funnel Shaped



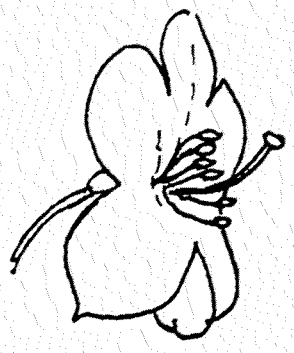
Broadly Funnel Shaped



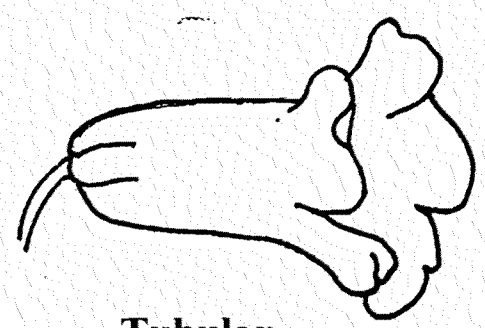
Tubular



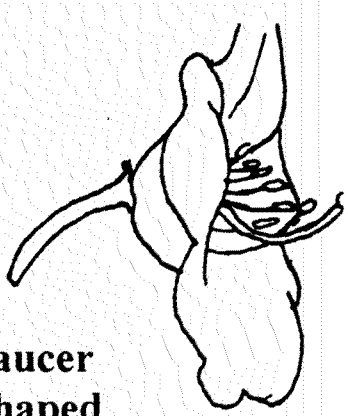
Tubular Funnel Shaped



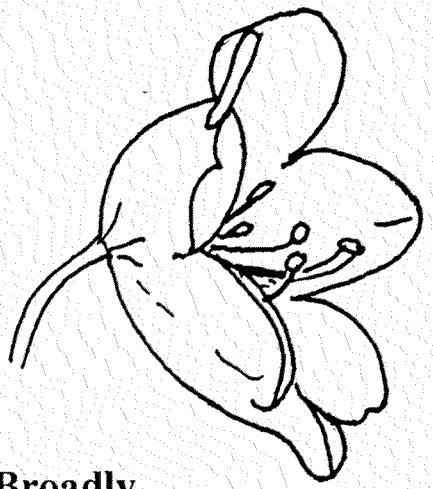
Rotate



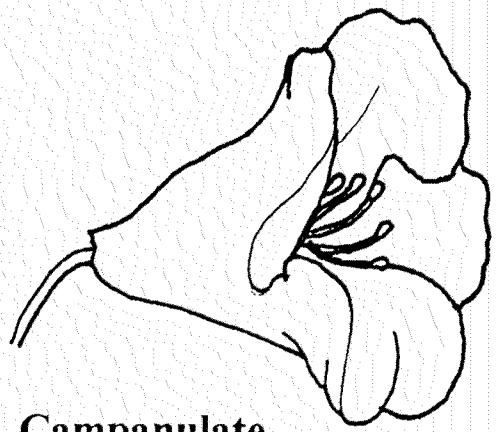
Tubular Campanulate



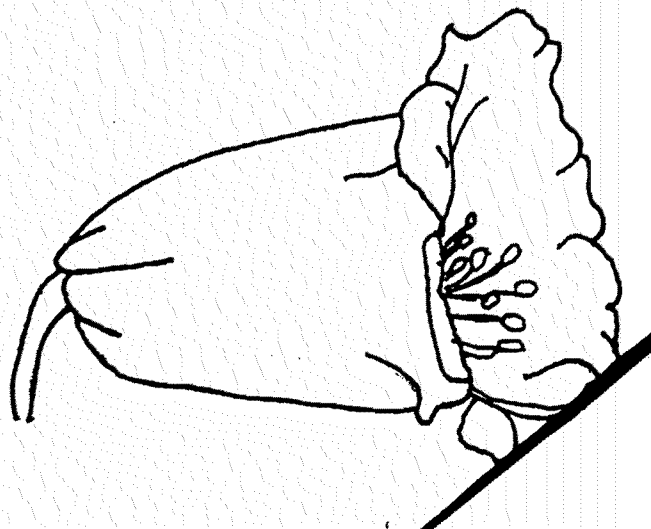
Saucer Shaped



Broadly Campanulate

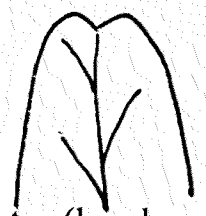


Campanulate

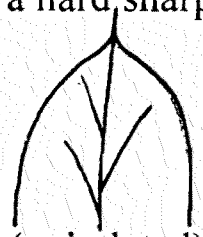


Ventricose Campanulate

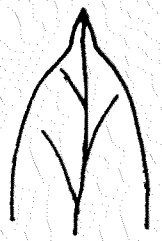
Emarginate (notched) Notched at the end as if a piece had been removed.



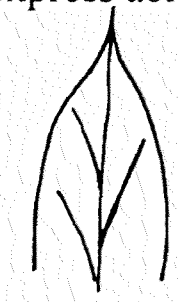
Mucronate (hard extended midrib) Terminating abruptly in a hard sharp point.



Apiculate (pointleted) Terminating abruptly in a little point. Differs from mucronate in that the point comprises part of the leaf lamina as well as the midrib.

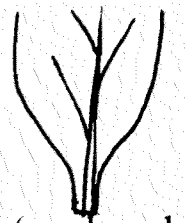


Cuspidate - Tapering gradually into a rigid point. Used sometimes to express abruptly acuminate.

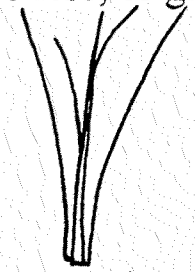


LEAF BASES

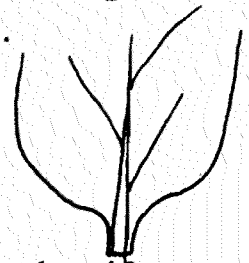
Attenuate Curved convex sides, narrowing gradually and concavely to the base.



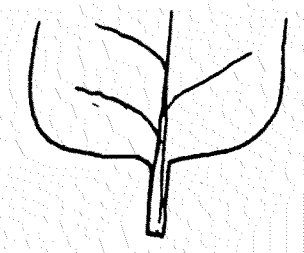
Cuneate (wedge shaped) Straight sides converging at the base. Can be less, or greater than ninety degrees.



Obtuse (blunt) Rounded enough to include an angle of ninety degrees or more.

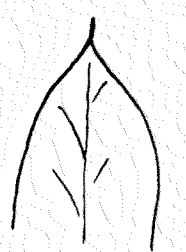


Truncate Abrupt blunt end as if cut straight across.



LEAF APEXES

Aristate (awned) Abruptly terminating in a hard, straight, flexible bristle of various lengths. The bristle is always a continuation of the midrib, sometimes separated below the apex.



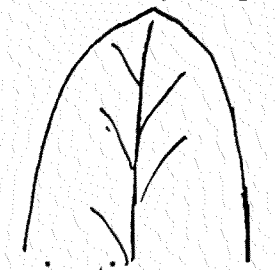
Acuminate (taper pointed) Terminating very gradually in a point. Leaf edges which change from straight or convex to concave, and converge gradually to a point.



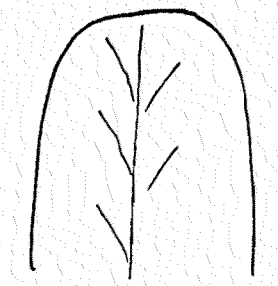
Acute (sharp pointed) Terminating in a point, not abruptly, but without tapering in any degree. (i.e. almost straight edges converging at an angle less than ninety degrees)



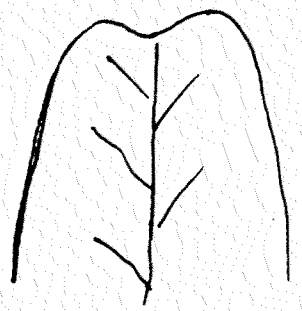
Obtuse (blunt) Terminating in a gradually rounded end at an angle of ninety degrees or more.



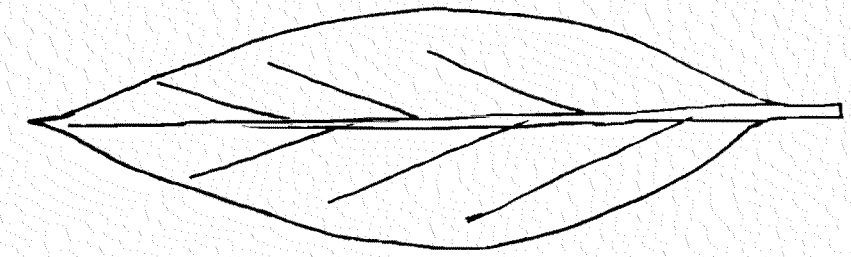
Truncate Terminating very abruptly, as if a piece had been removed.



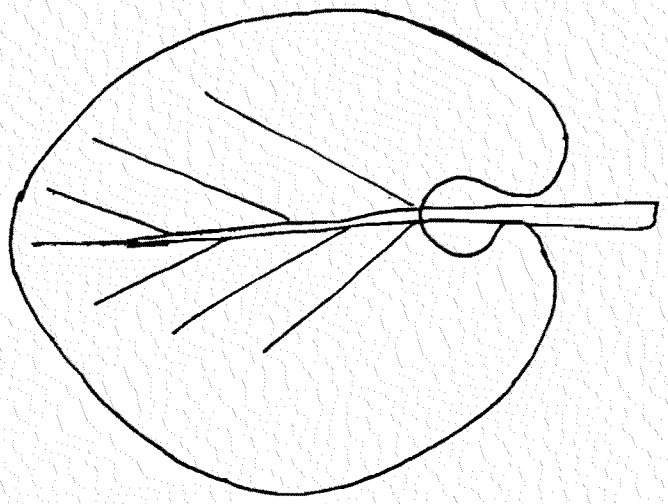
Retuse Terminating in a rounded end wit the centre depressed.



Elliptic - Sides curved, tapering equally to apex and base. Apex angle less than ninety degrees. Length approximately twice the width. e.g. R. wallichii

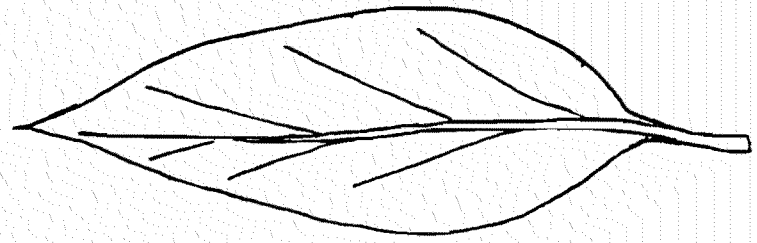


Orbicular - Almost rounded leaf. e.g. R. orbiculare

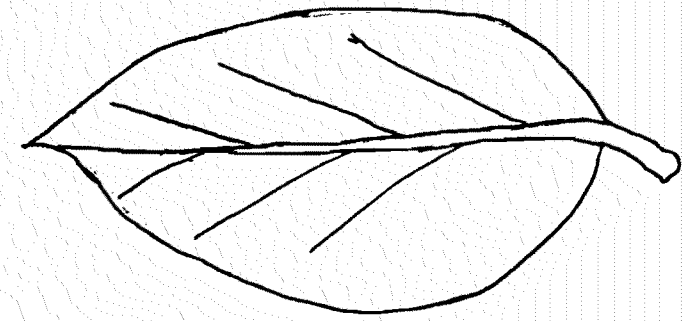


Widest Near Base

Narrowly Ovate (Lanceolate) - Lance shaped. Length approximately three times the width. e.g. R. griersonianum



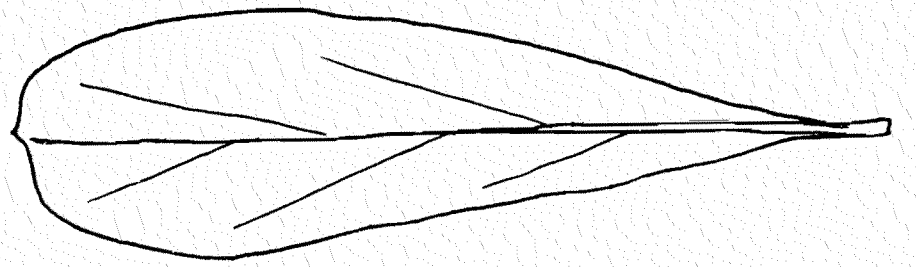
Ovate - Sides curved. Widest below the middle. Tip narrowed. Length greater than width. e.g. R. edgeworthii



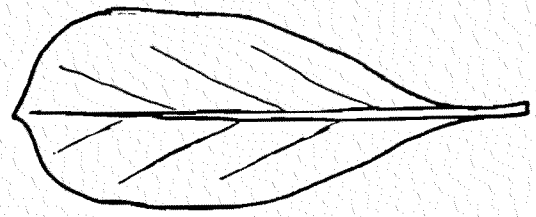
LEAF SHAPES

Widest Near Apex

Oblanceolate - Base tapering. Broad apex. Length approximately three times width. e.g. R. fulvum



Obovate - Sides are curved. Apex rounded. Length approximately twice width. e.g. R. tsariense

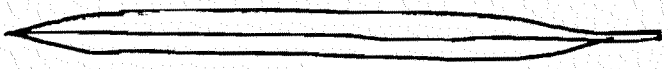


Spatulate - Broadly rounded apex. Gradually tapering into stalk.

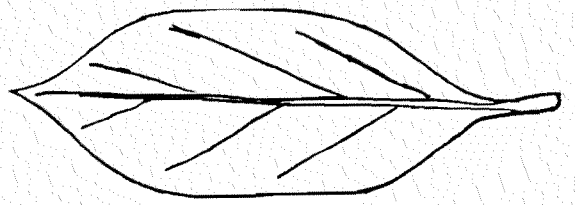


Widest Near Centre

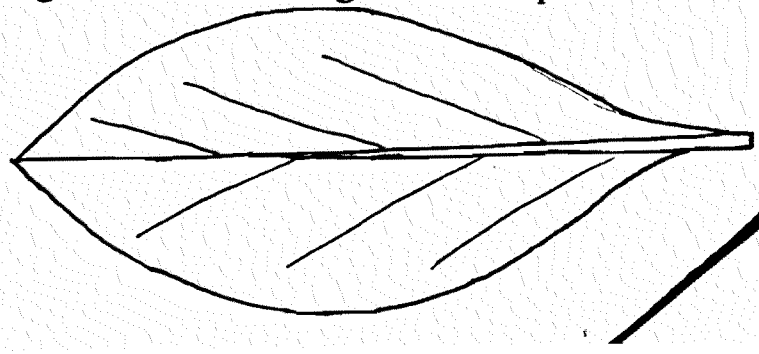
Linear - Narrow, with parallel opposite sides. Ends tapering. Length approximately ten to twelve times width. e.g. R. trichostomum



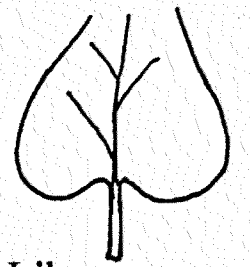
Oblong - Sides more or less parallel. Apex obtuse or somewhat rounded. Length approximately twice width. e.g. R. cerasinum



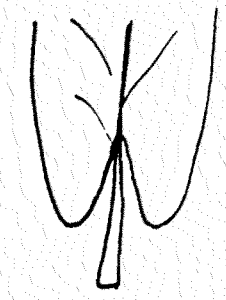
Broadly Elliptic (Oval) - Sides curved. Rounded at both ends. Longer than broad. e.g. R. leucaspis



Cordate (heart shaped) With two equal, more or less rounded lobes, with a deep sinus at the base.



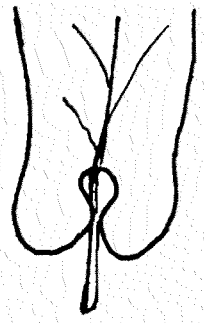
Sagittate Like an arrow head with basal lobes pointing down.



Oblique Asymmetrical at base.



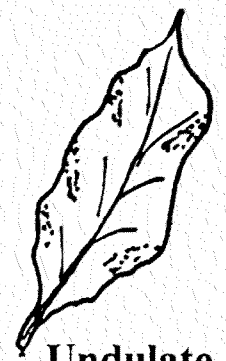
Auriculate With two rounded lobes which stand out from the rest of the leaf like little ears.



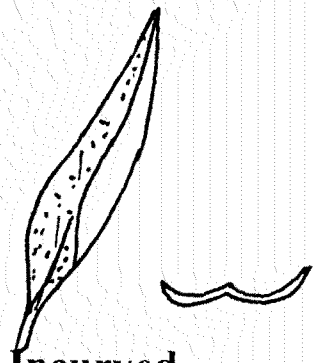
LEAF MARGINS



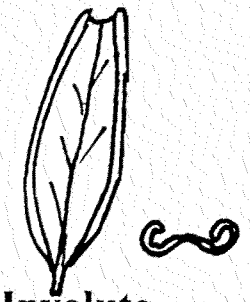
Ciliate



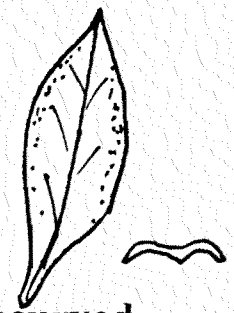
Undulate



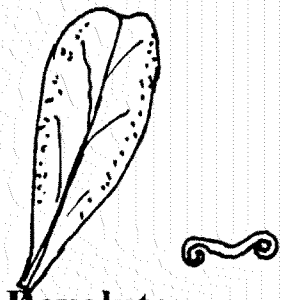
Incurved



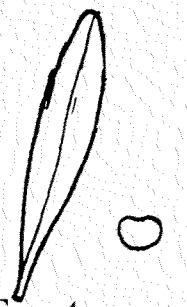
Involute



Recurved



Revolute



Terete

GLOSSARY

Bullate - Blistered or puckered.
Ciliate - Fringed with hairs.
Crenulate - Margin notched with rounded teeth. Scalloped
Elepidote - Without scales
Fastigiate - Upright with erect branches.
Filament - Stalk bearing the anther.
Glabrous - Hairless.
Glaucous - Covered with a bluish, grey or white bloom,
Hirsute - Covered with stiff, long, erect hairs.
Indumentum - Hairy covering found on stems and particularly lower surfaces of leaves.
Inflorescence - Flowers arising from two or more closely associated buds.
Lepidote - Scurfy with minute scales.
Pedicel - Flower stalk.
Petiole - Leaf stalk.
Pilose - Covered with fine, soft, long hairs.
Puberulent - Covered with very fine, short, soft hairs.
Racemose - Stalked flowers on an unbranched main stem.
Rhachis - The part of the inflorescence bearing the flowers.
Rugose - Wrinkled or rough.
Rugulose - Lightly wrinkled.
Sessile - Without a stalk.
Setose - Bristly with stiff hairs.
Stigma - Small pollen receptive surface at style tip.
Strigose - With stiff appressed hairs. (lying flat and close against)
Tomentum - Dense hair covering.
Ventricose - Swollen or inflated on one side.
Villous - With long, soft, straight hairs. Shaggy.

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.:	Crossed By
Vireya	ADA VERSPEEK	1993	R. konori	R. zoelleri	4341	Unknown
Vireya	AIDA'S MARCH	1992	R. laetum	R. zoelleri	531	G.L.S. Snell
Vireya	ALISA NICOLE	1988	R. lochiae	R. gracilentum	443	G.L.S. Snell
Vireya	ANATTA GOLD	1988	R. laetum X R. zoelleri "GOLDEN GATE"	R. zoelleri X R. leucogigas	645	Peter Schick USA
Vireya	ANGI GITA	1988	R. aurigeranum	R. phaeopeplum	684	Tom Lelliott
Vireya	ARTHUR'S CHOICE	1985	R. christianae F2	R. lochiae F2	1052	Brian Clancy
Vireya	AUBURN BEAUTY	1992	R. laetum	R. christianae 'SUNSET'	1149	G.L.S. Snell
Vireya	AUSTRALIA 11	1987	(R. phaeopeplum x R. lochiae) x R. zoelleri	R. leucogigas 'HUNSTEIN'S SECRET'	1281	John Rouse
Vireya	AUTUMN BERRY WINE	1990	(R. konori x R. laetum) x R commonae	R. laetum	1289	G.L.S. Snell
Vireya	BARBARA CROUCH	1991	R. rhodoleucum	R. konori	1462	Tom Lelliott
Vireya	BENJAMIN MACDONALD	1993	R. aurigeranum	R. konori	4375	John Rouse
Vireya	BLOND VENUS	1991	SWEET WENDY	R. laetum x R. laetum (dwarf)	2027	G.L.S. Snell
Vireya	BLONDE BOMBSHELL	1993	R. laetum	SWEET WENDY	4391	G.L.S. Snell
Vireya	BOB'S CROWNING GLORY	1991	R. lochiae	R. leucogigas 'Hunsteins Secret'	2116	John Rouse
Vireya	BOLD JANUS	1988	R. leucogigas	R. laetum	2140	Unknown
Vireya	BREATHLESS	1992	Unknown	R. herzogii	2270	Unknown
Vireya	BRIGHT LIGHTS	1990	R. laetum	R. zoelleri	2317	G.L.S. Snell
Vireya	BRUNSWICK GREEN	1993	DR. HERMAN SLEUMER	R. leucogigas	4408	Unknown
Vireya	BULOLO GOLD	1981	R. macgregoriae	R. aurigeranum	2414	Tom Lelliott
Vireya	BUTTERMILK	1986	R. konori	R. aurigeranum	2474	John Rouse
Vireya	CAKES AND ALE	1992	R. laetum x R. zoelleri 'Golden Gate'	R. zoelleri x R. leucogigas	2513	Peter Schick USA
Vireya	CARILLON BELLS	1984	R. gracilentum	R. laetum	2729	Bob Withers
Vireya	CATHERINE THE GREAT	1992	(R. phaeopeplum x R. lochiae) x R. zoelleri	R. leucogigas 'Hunstein's Secret'	2944	John Rouse
Vireya	CELEBRATION	1991	R. lochiae	R. macregoriae	2992	Unknown
Vireya	CHANNON MARIE	1992	R. laetum x R. macgregoriae	R. zoelleri	3063	Brian Clancy
Vireya	CHARMING VALENTINO	1991	SAINT VALENTINE	SAINT VALENTINE	3151	Peter Schick USA
Vireya	CHAYYA	1992	PINK DELIGHT	R. intranervatum F2	3168	Brian Clancy
Vireya	CHEEKY MANDARIN	1988	R. lochiae x R. macgregoriae	R. macgregoriae	3172	G.L.S. Snell
Vireya	CHERRY HARMONY	1991	SWEET WENDY	R. javanicum	3216	Frank Waghorn
Vireya	CHOC ORANGE	1990	R. laetum	SWEET WENDY	3335	G.L.S. Snell
Vireya	CHOIRS OF ANGELS	1993	(R. phaeopeplum x R. lochiae) x R leucogigas	R. jasminiflorum	4442	John Rouse
Vireya	CHRISTMAS PAST	1991	R. lochiae	R. pseudonitens	3383	Unknown
Vireya	CHRISTMAS PRESENT	1991	R. lochiae	R. brookeanum var. gracile	3385	Unknown
Vireya	CHRISTOPHER BORCH	1991	R. laetum	R. jasminiflorum	3390	Tom Lelliott
Vireya	CHRISTOPHER JOHN	1993	R. phaeopeplum	R. zoelleri 'Island Sunset'	4444	John Rouse
Vireya	CINNAMON PINK	1992	Unknown	Unknown	3428	Unknown
Vireya	CITRON BELLS	1995	CARILLON BELLS	R. laetum x R. macgregoriae		Stan Begg

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.:	Crossed By
Vireya	CLARE CROUCH	1991	R. culminicolum var. Angiense	R. phaeochitum	3468	Tom Lelliott
Vireya	CLARE ROUSE	1984	R. christianae	R. laetum	3471	Don Stanton
Vireya	CLARION FIRM	1987	R. aurigeranum x R. lochiae	R. retusum	3481	John Rouse
Vireya	CONCERTO FOR BRASS	1993	R. lochiae	R. laetum	4459	Unknown
Vireya	CORAL FLARE	1988	R. lochiae	R. laetum	3873	Don Stanton
Vireya	CRAIG FARAGHER	1982	R. gracilentum	R. jasminiflorum	4045	Craig Faragher
Vireya	CRIMSON LIGHTNING	1991	R. konorii	R. javanbicum	4104	Unknown
Vireya	CRIMSON SCALLYWAG	1993	R. commonae	R. inconspicuum	4467	Unknown
Vireya	CRINOLETTE	1988	R. loranthiflorum	R. konorii	4116	John Rouse
Vireya	CRISP DEROY	1993	R. laetum	R. macgregoriae x R. zoelleri	4469	G.L.S. Snell
Vireya	CYBELLE BARBOUR	1992	(r. phaeopeplum x R. lochiae) x R. leucogigas	R. jasminiflorum	4224	John Rouse
Vireya	DAVID CROUCH	1991	R. aurigeranum (small flowered form) x R macgregoriae	R. aurigeranum (large flowered form)	4910	Tom Lelliott
Vireya	DIAMOND JUBILEE	1992	R. konorii	R. zoelleri	5230	G.L.S. Snell
Vireya	DOCTOR HERMAN SLEUMER	1971	R. phaeopeplum	R. zolleri	5392	Unknown
Vireya	DOLL TEARSHEET	1992	R. lochiae	R. lochiae x R. konorii	5472	John Rouse
Vireya	DONVALE PINK	1994	R. lochiae	R. leucogigas 'Hunstein's Secret'	6038	John Rouse
Vireya	DRESSED TO KILL	1991	R. konorii	R. christianae	5645	Unknown
Vireya	DUCHESS SATIN	1989	R. konorii	R. leucogigas	5715	John Rouse
Vireya	DULCIE LELLIOTT	1991	R. rhodoleucum	R. aurigeranum x DOCTOR HERMAN SLEUMER	5747	Tom Lelliott
Vireya	EASTERN ZANZIBAR	1991	R. konorii	R. zoelleri		W. Moynier
Vireya	ELATION	1992	R. zoelleri (Mt Hagen)	R. leucogigas "Hunstein's Secret'		John Rouse
Vireya	ELEANOR KATE	1995	R. zoelleri	R. leucogigas 'Hunstein's Secret'		Unknown
Vireya	ELIZABETH CROUCH	1991	R. konori	R. orbiculatum		Tom Lelliott
Vireya	ESPRIT-DE-JOIE	1987	R. konorii	R. laetum		John Rouse
Vireya	EUREKA GOLD	1992	R. aurigeranum (Selected Form Wild Collected Seed)	Unknown		G.L.S. Snell Selecter
Vireya	FABERGES EGG	1992	R. intranervatum x PINK DELIGHT	R. javanicum		Unknown
Vireya	FERDINAND VON MUELLER	1985	R. macgregoriae	R. lochiae		John Rouse
Vireya	FINNEGAN'S RAINBOW	1992	R. laetum	R. zoelleri		G.L.S. Snell
Vireya	FIREPLUM	1986	R. phaeopeplum x R. lochiae	R. zoelleri		P. Sullivan (U.S.A.)
Vireya	FLAMING BALL	1982	R. laetum	R. javanicum		Don Stanton
Vireya	FUCHSIA LADY	1991	(R.phaopeplum x R. lochiae) x R. zoelleri	R. leucogigas 'Hunstein's Secret'		John Rouse
Vireya	GARDENIA ODYSSEY	1993	Unknown	Unknown		Unknown
Vireya	GENTLE JENNY	1991	R. macgregoriae x R. zoelleri	R. jasminiflorum		Unknown
Vireya	GLEN BORCH	1991	DOCTOR H SLEUMER	R. laetum		Tom Lelliott
Vireya	GOSSAMER WHITE	1992	R. loranthiflorum	R. laetum		G.L.S. Snell

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.:	Crossed By
Vireya	GREAT SCENT-SATION	1987	R. konorii	R. lochiae		G.L.S. Snell
Vireya	GREEN WITH ENVY	1992	R. gardenia	R. laetum x R. aurigeranum		G.L.S. Snell
Vireya	HAPPY TIMES	1994	R. laetum x R. aurigeranum	R. rubineiflorum		Brian Clancy
Vireya	HARI'S CHOICE	1987	TRIUMPHANS x R. javanicum	R. leucogigas		Unknown
Vireya	HELEN'S LAUGHTER	1991	Unknown	Unknown		G.L.S. Snell
Vireya	HENDRE	1992	ARTHUR'S CHOICE	R. wrightianum var. wrightianum		Brian Clancy
Vireya	HIGH COUNTRY WEDDING	1992	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	HIGHLAND ARABESQUE	1991	R. orbiculatum	R. laetum x R. aurigeranum		John Rouse
Vireya	HIGHLAND FAIR	1992	R. phaeopeplum x R. lochiae	R. zoelleri		John Rouse
Vireya	HIGHLAND PETER PAN	1990	R. christianae	SWEET WENDY		G.L.S. Snell
Vireya	HIGHLAND WHITE JADE	1988	DOCTOR SLEUMER x R. herzogii	R. laetum x R. aurigeranum		John Rouse
Vireya	HILDA MARGARET CROUCH	1991	R. laetum x R. zoelleri	R. konorii		Tom Lelliott
Vireya	HIP-HIP-HURRAH	1992	DOCTOR SLEUMER x R. herzogii	R. laetum x R. aurigeranum		John Rouse
Vireya	HOSANNA	1991	R. zoelleri	R. leucogigas		Unknown
Vireya	HOTEL ON MAYFAIR	1993	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	HUNSTEIN'S SECRET	1987	Collected as cutting on Mount Hunstein, West Irian	Unknown		Unknown
Vireya	ICED PRIMROSE	1991	R. aurigeranum	R. leucogigas		John Rouse
Vireya	INNUENDO	1992	R. multinervum	WATTLE BIRD		John Rouse
Vireya	IRIAN JAYA	1989	R. lochiae	PINK DELIGHT		Tom Lelliott
Vireya	ISLAND SUNSET	1973	R. zoelleri - Selected form	Unknown		Don Stanton Selecter
Vireya	JANELLE MARIE	1987	CARILLON BELLS	R. gracilentum		G.L.S. Snell
Vireya	JEREMY FUNDER	1993	R. konorii x R. rhodoleucum	R. konorii		John Rouse
Vireya	JOHANNES	1995	CHRISTOPHER JOHN	R. lochiae x R. leucogigas 'Hunstein's Secret'		Brian Clancy
Vireya	JOLLY ROGER	1992	R. leucogigas 'Hunstein's Secret'	(R. phaeopeplum x R. lochiae) x R. zoelleri		John Rouse
Vireya	JOSEPHINE GORDON	1987	R. stenophyllum	R. commonae		John Rouse
Vireya	JUAN DIEGO	1996	CARILLON BELLS	R. leptanthum		Brian Clancy
Vireya	KALEIDASCOPE	1992	R. konorii	R. christianae		G.L.S. Snell
Vireya	KAY CATCHLOVE	1991	R. laetum x DOCTOR H. SLEUMER	R. aurigeranum x DOCTOR H. SLEUMER		John Rouse
Vireya	KIANDRA	1992	R. zoelleri 'Island Sunset'	R. brookeanum		Brian Clancy
Vireya	LA-DE-DA	1991	R. christianae	R. jasminiflorum		Don Stanton
Vireya	LADY CLARE	1984	R. phaeopeplum x R. lochiae	R. leucogigas		Strybing Arboretum, USA
Vireya	LANA'S GOLD	1990	R. christianae x R. laetum	R. laetum x R. zoelleri 'Golden Gate'		Peter Schick USA
Vireya	LAURA KATE	1995	R. superbum	DOCTOR HERMAN SLEUMER		Nancy Caddy
Vireya	LEMON MINUET	1984	R. laetum x R. gracilentum	R. gracilentum		G.L.S. Snell
Vireya	LIBERTY BAR	1984	R. lochiae	R. aurigeranum		Don Stanton

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.:	Crossed By
Vireya	LITTLE NELL	1990	R. wrightianum	DOCTOR HERMAN SLEUMER		Unknown
Vireya	LITTLE ONE	1994	SUNNY	R. rubineiflorum		Brian Clancy
Vireya	LITTLE PINKIE	1988	R. lochiae x R. macregoriae	R. loranthiflorum		G.L.S. Snell
Vireya	LITTLEST ANGEL	1984	R. lochiae	R. pauciflorum		G.L.S. Snell
Vireya	LOCHMIN	1981	R. lochiae	R. jasminiflorum		Tom Lelliott
Vireya	LOLLY WILLOWS	1991	R. konorii	R. laetum F2		W. Mearne
Vireya	LOVEY	1991	R. konorii	(R. phaeopeplum x R. lochiae) x R. zoelleri		John Rouse
Vireya	LUCIFER'S BLUSH	1992	R. laetum	Unknown		Unknown
Vireya	MARJIAM	1993	CARILLON BELLS	R. wrightianum var. wrightianum		Brian Clancy
Vireya	MELBOURNE CUP	1991	R. laetum x DOCTOR H. SLEUMER	R. aurigeranum x DOCTOR H. SLEUMER		John Rouse
Vireya	MISTRESS SUE	1992	R. leucogigas 'Hunstein's Secret'	R. lochiae		John Rouse
Vireya	MRS ELIZABETH MILLER	1991	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	NAN CUTTEN	1982	R. aurigeranum	DOCTOR H. SLEUMER		Tom Lelliott
Vireya	NIUGINI FIREBIRD	1985	R. laetum	R. javanicum		Don Stanton
Vireya	ORANGE HARMONY	1991	SWEET WENDY	R. javanicum		Frank Waghorn
Vireya	ORANGE WAX	1987	Unknown	Unknown		G.L.S. Snell
Vireya	ORIENTAL ORANGE	1982	R. aurigeranum	Unknown		Tom Lelliott
Vireya	OUR MARCIA	1988	DOCTOR H. SLEUMER x R. herzogii	R. laetum x R. aurigeranum		John Rouse
Vireya	OVERFLOW	1993	R. christianae	R. lochiae F2		Brian Clancy
Vireya	PACIFIC MOONRISE	1991	R. sessilifolium	R. laetum		John Rouse
Vireya	PACIFIC SHOWER	1991	R. lochiae x R. macgregoriae	R, christianae		Don Stanton
Vireya	PACIFIC SUNDOWN	1991	APRICOT NECTAR	R. zoelleri		Unknown
Vireya	PATRIZIA DEL ROMA	1991	(R. phaeopeplum X R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	PENDANCE	1983	R. jasminiflorum	R. christianae		Don Stanton
Vireya	PENDRAGON	1983	R. laetum x R. lochiae	R. macregoriae		Don Stanton
Vireya	PENNYWHISTLE	1991	R. macgregoriae	R. bagobonum		John Rouse
Vireya	PENRICE	1982	Unknown	Unknown		Don Stanton
Vireya	PENROSE	1983	R. lochiae	R. aurigeranum		Don Stanton
Vireya	PERSONALITY	1991	(R. phaeopeplum x R. lochiae) x R. zoelleri	R. konorii		John Rouse
Vireya	PINDI PEACH	1981	R. laetum	R. phaeopeplum		Tom Lelliott
Vireya	PINDI PEARL	1981	R. laetum	R. phaeopeplum		Tom Lelliott
Vireya	PINK FEATHERS	1988	DOCTOR H. SLEUMER	R. herzogii		John Rouse
Vireya	PINK LIGHTNING	1991	R. javanicum	R. konori		Unknown
Vireya	PINK PAZAZZ	1988	R. konorii (West Irian form)	R. zoelleri		Arthur Headlam
Vireya	PINK SALLY	1991	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.:	Crossed By
Vireya	PLATINUM BLONDE	1992	R. laetum	SWEET WENDY		G.L.S. Snell
Vireya	POET LAUREATE	1992	DOCTOR H. SLEUMER x R. herzogii	R. laetum x R. aurigeranum		John Rouse
Vireya	POPCORN	1984	R. macgregoriae	R. loranthiflorum		John Rouse
Vireya	PRETTY COTTON CANDY	1991	R. laetum	PINK CREEPER		Unknown
Vireya	RATAFIA	1992	DOCTOR H. SLEUMER	R. konorii		Unknown
Vireya	RED ROOSTER	1988	R. zoelleri	R. lochiae x R. javanicum		John Rouse
Vireya	RICH AMBER	1992	R. laetum x R. zoelleri	R. zoelleri x R. leucogigas		G.L.S. Snell
Vireya	ROBERT WITHERS	1982	R. christianae	R. aequabile		Bob Withers
Vireya	ROGUE RED	1987	? Natural hybrid involving R. saxifragoides & R. wormsleyi	Unknown		Unknown
Vireya	ROUSEABOUT	1991	R. aurigeranum	R. christianae		John Rouse
Vireya	RUBY BELLS	1987	R. konorii x R. laetum	R. commonae		John Rouse
Vireya	SAINT VALENTINE	1984	R. lochiae	R. gracilentum		Tom Lelliott
Vireya	SCARLET BEAUTY	1982	R. laetum	TRIUMPHANS		Don Stanton
Vireya	SCOTCHBURN WHITE	1992	? Natural hybrid	Unknown		G.L.S. Snell (Selecter)
Vireya	SHANTUNG PINK	1991	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	SHANTUNG ROSE	1988	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. laetum		John Rouse
Vireya	STANTON'S GLORY	1982	R. christianae grandiflora	R. aurigeranum		Don Stanton
Vireya	STAR SHOWER	1991	R. laetum x R. aurigeranum	R. retusum		John Rouse
Vireya	SUNNY	1985	R. christianae	R. macgregoriae		Brian Clancy
Vireya	SUNSET FANTASY	1988	R. laetum x R. zoelleri 'Golden Gate'	R. zoelleri x R. leucogigas		G.L.S. Snell
Vireya	SWEET AMANDA	1992	DOCTOR H. SLEUMER x R. herzogii	R. laetum x R. aurigeranum		Unknown
Vireya	SWEET BEATRICE	1989	R. rubineiflorum	R. macgregoriae (Yellow Form)		John Rouse
Vireya	SWEET CHERUBIM	1988	R. loranthiflorum	R. christianae		G.L.S. Snell
Vireya	SWEET MAC	1982	R. inconspicum x R. macgregoriae	Unknown		Unknown
Vireya	SWEET ROSALEA	1987	R. konori	R. christianae		G.L.S. Snell
Vireya	SWEET SERAPHIM	1987	R. loranthiflorum	R. christianae		G.L.S. Snell
Vireya	SWEET SERENITY	1996	R. lochiae x R. jasminiflorum	R. multinervum		Brian Clancy
Vireya	SWEET WENDY	1990	R. laetum	R. phaeopeplum		Bob Withers
Vireya	TEDDY'S BEST	1996	R. laetum	GARDENIA ODYSSEY		G.L.S. Snell
Vireya	THIEF OF HEARTS	1992	R. lochiae	R. solitarium		G.L.S. Snell
Vireya	TIFFANY ROSE	1984	TAYLORI	R. leptanthum		P. Sullivan USA
Vireya	TINKER-BELLS FLIGHT	1992	R. loranthiflorum	R. laetum		Unknown
Vireya	TOM LELLIOTT	1991	R. laetum x R. zoelleri	R. konorii		Tom Lelliott
Vireya	TOPS OF KEW	1992	(R. phaeopeplum x R. lochiae) x R. leucogigas	R. zoelleri		Unknown
Vireya	TORRID AFFAIR	1991	R. zoelleri x R. konorii	R. brookeanum		John Swisher USA

Rhodo Type	Name	Registered	Female Parent	Male Parent	R.H.S.;	Crossed By
Vireya	TOSCA'S KISS	1992	R. leucogigas 'Huunstein's Secret'	(R. phaeopeplum x R. lochiae) x R. zoelleri		John Rouse
Vireya	TROPIC FANFARE	1982	R. javanicum	R. lochiae		Don Stanton
Vireya	TROPIC SPLENDOUR	1992	SIMBU SUNSET	R. zoelleri ' Island Sunset'		G.L.S. Snell
Vireya	TROPIC SUMMER	1982	R. aurigeranum	R. macgregoriae		Don Stanton
Vireya	TROPIC TANGO	1985	PRINCESS ALEXANDRA	R. laetum		John Rouse
Vireya	VANILLA CREAM	1991	R. konori	R. aurigeranum		John Rouse
Vireya	VERONICA MAUREEN	1992	R. christianae x R. lochiae	R. zoelleri - Irian Jaya Form		Brian Clancy
Vireya	WATTLE BIRD	1984	R. laetum	R. aurigeranum		John Rouse
Vireya	WEE WILLIE WINKIE	1991	R. macgregoriae	R. stenophyllum		G.L.S. Snell
Vireya	WHITE GIANT	1992	R. konorii Selected form	Unknown		L.A. Craven Selecter
Vireya	WHITE GIANT	1994	R. konorii - Selected form	N/A		L.A. Craven - Selecter
Vireya	WHITE RUM	1991	DOCTOR H. SLEUMER	R. konorii		Unknown
Vireya	WILD REDHEAD	1991	R. retusum	R. javanicum		John Rouse
Vireya	ZOE ELOISE	1992	DOCTOR H. SLEUMER	R. zoelleri - Michael Black Form		Brian Clancy
	ANNE SULLIVAN	1989	Unknown	Unknown	760	Unknown
	BOULTER'S CREAM	1987	Unknown	Unknown	2210	V. J. Boulter
	BRONZE WING	1981	Unknown	Unknown	2362	Arnold Teese
	LEONIE PINK	1986	Unknown	Unknown		Unknown
	LOCKINGTON LOCKIE	1989	Unknown	Unknown		Don Dosser
	OLINDA BELLS	1994	Seed from U.K.	Unknown		Unknown
	OLINDA PINK	1985	LEO	Unknown		Unknown
	SAKI	1988	Unknown	Unknown		V. J. Boulter

APPLICATI ON FOR REGISTRATION OF A RHODODENDRON NAME

Certificater Required? Yes/No* (*delete as appropriate)

This new cultivar is a vireya rhododendron*/ evergreen azalea*/ deciduous azalea*/ azaleodendron*/

lepidote rhododendron*/ elepidote rhododendron* ?

SECTION A SELECTED CLONE OF A SPECIES

(a) Proposed Name.....

(b) Name of species .....

(c) Name of subspecies, variety or form (if relevent) .....

..... Collector's number .....
(if relevant)

SECTION B SELECTED CLONE OF A HYBRID

(a) Proposed name .....

(b) Seed parent (♀) .....

(c) Pollen parent (♂) .....

ALL APPLICANTS SHOULD COMPLETE SECTIONS C AND D

SECTION C

Selection*/ Cross* made by ..... Address .....

..... Year .....

Grown to first flower by .....Address .....

.....Year .....

Named by ..... Address .....

..... Year .....

Commercial introducer ..... Address .....
..... Year .....

Has the name been published with a description ? Yes*/ No*

If so, where and by whom .....
.....

SECTION D Description (Where possible colour references should be givenb from the ...
Colour
Chart (1966, 1986)

No. of fls per truss ..... Shape of truss .....
Fl shape ..... Corolla length ..... mm
Corolla width ..... mm No. of lobes ..... Lobe margins (a) flat* (b) wavy* (c) frilly*
Flower colour: (a) buds .....
(b) inside corolla .....
.....
(c) outside corolla .....
.....
(d) colour and distribution of blotch/ spots .....
.....

Calyx length .....mm Calyx colour .....

Leaf shape ..... Length ..... mm Width ..... mm
Leaf margins (a) flat* (b) wavy* (c) upcurved* (d) decurved* Upper surface (a) matt* (b) glossy*
Leaf shape (a) at base ..... (b) at apex .....
Type of indumentum (a) hairs* (b) scales* (c) none*
Colour of leaf indumentum (a) when young .....
(b) when mature .....

Plant height ..... m Width ..... m in ..... years

Flowering period ..... Hardiness .....

Further distinguishing characters (e.g. plant habit, stamen/ style colours, scent) .....
.....

Details of any awards or legal protection (patents, plant breeder's rights) .....
.....

Herbarium specimen sent Yes* No* Colour print/ slide sent Yes*/ No*
Name and address of person or firm registering the name .....
.....
.....

THIS PART OF FORM FOR USE OF REGISTRAR

Date received ..... Certificate fee received Yes/ No

Registration of this rhododendron has been accepted as
has been postponed for reason stated
.....

Signature of Registrar ..... Date .....