The Vireya Venture

Issue 40 *July 2000*

Vireya in Taiwan
Charlot M.t. Teng

Not many people are growing Vireya in Taiwan. People collect R. Kawakami from the wild but it dies in the summer. I do not think that people know about growing Vireya in Taiwan. I have been growing them for four years , it's been successful. When I was a child, I always wanted to grow Temperate Rhododendrons but it was just a dream because lowland Taiwan is very hot in summer. Only in winter ,some plants are bought from Japan or The Netherlands in bloom .

At 16 I saw a report about Vireya in Australia in a Japanese Horticultural Magazine and decided to buy some, that was ten years ago.

The Northern Area of Taiwan is rainy all year, especially winter,similar to Tasmania. It's cloudy, dark and rainy all day, the rain like mist and temperatures around 10'c - 15'c,from December to February . Sometimes temperatures will drop to 5'c. Summer is from June to September Temperatures range from 24'c - 34'c with heavy rain always in the afternoon. Vireya bloom from April to June and then October to December.

In the centre of Taiwan , north of The Tropic of Cancer, winter is cool,no rain and sunny. Temperatures ranging from 10'c - 25'c, it's similar to Brisbane and Vireya bloom from November to May.

South of The Tropic of Cancer Vireya can not be grown, it's too warm and dry.

In Taipei Azalea grow anywhere Hiado, Krume and Belgone Hybrid, blooming from February to April. South of the Tropic of Cancer you do not see Azalea growing either.

In our Mountain areas we have 24 native Rhododendrons, including ; 3 Temperates, 20 Azalea and Vireya R. Kawakami, found between 1800m and 2500m. It likes the moist cloudy forests. I grow Vireya in a roof garden where there is good air flow otherwise Blackspot is a problem. I provide 50% shade in summer and direct sun in winter. I use clay pots with 50% tree fern fibre and 50% perlite mix covered with spagnam moss to keep them moist.

CONTRIBUTIONS
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NEW REGISTRATIONS FOLLOWING ARE 32 REGISTRATIONS FOR VIREYA 1 JULY 1998 TO 30 JUNE 1999.

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TROUBLE WITH MEALY BUG - SEE OVER FOR A NEW PRODUCT.

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TROUBLE WITH LEGGY VIREYA , THE ANSWER IS BREEDING AND MANAGEMENT, OR IS IT *PACLOBUTRAZOL*? SEE INSIDE.

Clyde's column
J. Clyde Smith

Wollongong has had some vicious weather lately and Vireyas in containers have been blown over in an unprecedented fashion. Despite this there have been some very good blooms and of these R. orbiculatum has been most outstanding. This is growing in a 33cm container on a stand because the flowers although extending for a total height of 1m can be some 40cm below the top of the container. with a width of 1m and at least 40 trusses,with more to come. The flowers are heavily scented ,opening pink and fading to white,about 75mm in diameter and with 4 to a truss.

There is a detailed , illustrated description of this plant in' Rhododendrons of Sabah', although the photos do not do it justice. Strangely it has only been used in two published crosses, Highland Arabesque(orbiculatum * (laetum*aurigeranum), and Elizabeth Crouch (konori * orbiculatum).

I n the same area R. zollcri also flowered with the largest flowers in the garden, but only 3 trusses and these were a little damaged when the pot was blown over, but they were luminous as ever. Of the other plants in flower Craig Faragher was at its best in a hanging basket.

None of these had any sign of powdery mildew but about about one in three of all vireya here are suffering from it, certainly it is not due to there situation since other plants alongside them have not had trouble. Other gardens inland do not have any trouble, however there has been a comment that a 10% milk and water mix will clean it up. this is not yet tried and the type of milk - full or skim has not been specified.

Trouble with Mealy bug

Having fought mealybug over a number of years using chemical warfare & biological control I tried this product and so far have achieved excellent control. Clyde Smith sent the article, part of which follows.



Development of PestOil has been ongoing since 1993 at the New South Wales Department of Agriculture with research funding from Ampol/Caltex and the HRDC.

Today PestOil is the first registered non toxic product available for the control of Citrus Leafminer, and can be used on hot days as it is a non burn formulation, and quite different to the standard clear or white oils.

Nationally registered, PestOil is also excellent for a wide variety of scales , mites, aphids, white fly and mealy bugs and is quickly setting the standard in clear or white oils.

Growth Regulators in the Control of Flowering In a Vireya Rhododendron Hybrid

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RESEARCH FOUNDATION
AMERICAN RHODODENDRON SOCIETY

**This synopsis has been reprinted from the spring edition of The Journal of the American Rhododendron Society, and may stimulat comment.*

SYNOPSIS

The open and somewhat lanky growth habits of vireya rhododendrons have limited their usage as potted plants among the garden center and florist trades. A grant from the American Rhododendron Society supported research aimed at developing more compact plants with good floral displays for holidays, shows, and regularized marketing.

To this end, chemicals, known as growth retardants, which shorten the elongation of growth flushes, and synthetic compounds (synthetic cytokinins) that mimic the natural branching stimulators of plants were applied to an unnamed hybrid of *Rhododendron aurigeranum X R. herzogii* and its reciprocal cross. The research was conducted on potted plants at the University of Hawaii in Honolulu, Hawaii. The results showed that the foliar application of synthetic cytokinins could increase the number of lateral branches that result following a pinch. Several growth retardants could increase compactness by shortening growth flushes, as well as increase flower bud production. The retardant known by its trade name of Bonzi (paclobutrazol is the active ingredient) is recommended for use as a drench to the medium at the rate of 1 to 2 mg active ingredient per 15 cm (6-inch) pot.

[The commercial formulations c synthetic cytokinins are either not available in the U.S. or are not registered for use as branching stimulators on rhododendrons. The synthetic cytokinin N-6-BA can be purchased from various chemical supply companies (for example, Sigma-Aldrich, www.sigma-aldrich.com). The growth retardants are normally sold by horticultural supply companies and can sometimes be found at the larger garden centers. For Bonzi (paclobutrazol), check:

www.dowagro.com

or

www.uniroyalchemical.com

for suppliers or purchasing information.]

THE INTERNATIONAL RHODODENDRON REGISTER (1958)

THIRTY-NINTH SUPPLEMENT

The following list contains names registered during the period 1 July 1998 to 30 June 1999.

All raisers and introducers of new rhododendrons are urged to ensure that the names of their plants have been registered and are reminded that registration should take place before a plant is released or described in print. Registration forms can be obtained from the International Rhododendron Registrar, The Royal Horticultural Society's Garden, Wisley, Woking, Surrey GU23 6BQ, England or from the following national registrars:-

North America:	Mrs J. W. Murray, 21 Squire Terrace, Colts Neck, New Jersey 07722-1021, USA
Australia:	Mr G. Eaton, 1386 Mount Dandenong Tourist Road, Mount Dandenong, Victoria, 3767, Australia
New Zealand:	Mr M. Cullinane, 70 Bay Vista Drive, Red Beach 1461, Orewa, New Zealand
Japan:	Mr Y. Sasaki, 172-9, Nissato-machi, Souka City, Japan 340-0031

This is the third supplement to be derived directly from the database being compiled for a new edition of the International Register. The layout is essentially the same as used previously except the parents of the immediate cross that gave rise to a newly registered plant are separated by an upper case 'X'; where the pollen or seed parents are themselves represented by a parentage the elements within that parentage are separated by a lower case 'x'. When the first parent listed is followed by '(s)' this indicates that it is known to be the seed parent. The absence of an '(s)' indicates the direction of the cross is not known.

The following abbreviations are used where appropriate:

R = raised by ...	H = hybridized by ...
G = grown to first flower by ...	S = selected by ...
I = introduced by ...	N = named by ...
REG = registered by ...	(a) = azalea
(az) = an azaleodendron	(v) = a vireya rhododendron

(v) 'Alexa'
cv. Lepidote rhododendron: (*gardenia* x *aurigeranum*) (s) × *aurigeranum*. H: W.A. Moynier (1983), G: W.A. Moynier (1991), N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 10-15/domed,well-rounded truss,tubular funnel-shaped,80x80mm,with 5 slightly wavy-edged lobes,vivid yellow (14A) throughout,sometimes lightly flushed pastel orange at lobe tips with age. Lvs elliptic,125x55mm,broadly acute at apex,cuneate at base,with upcurved margins,dull green above,with tan scales below and on petioles. Shrub of upright,dense habit,1.0x1.0m in 14 years. Intermittent flowering throughout year. (The identity of the *gardenia* parent requires confirmation).

(v) 'Anacapa'
cv. Lepidote rhododendron: 'Marshall Pierce Madison' (s) × *javanicum*. H: W.A. Moynier (1989), G: W.A. Moynier (1993), N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 14-19/domed truss,tubular funnel-shaped,100x100mm,with 5-6 wavy-edged lobes,vivid reddish orange (43B) throughout. Lvs elliptic,175x65mm,acute at apex,cuneate at base,flat,glossy and moderate olive green (137A) above,with tan scales below and on petioles. Shrub 1.1-1.2m in 10 years. February-April.

(v) 'Big Softie'
cv. Lepidote rhododendron: 'Doctor Herman Sleumer' (s) × *leucogigas*. H: O.S. Blumhardt (1983), G: O.S. Blumhardt (1987), N: O.S. Blumhardt (1994), I: Koromiko Nurseries (1994), REG: O.S. Blumhardt (1999). Fls 4-6/flattened truss,with a straight tube (15-20mm wide) and the lobes opening flat,85x140mm,with 7 wavy-edged lobes,mid pink in bud,opening light pink inside with creamy white in the tube,outside slightly deeper pink; bright pink spots at lobe sinuses; strongly carnation-scented. Calyx 4mm long,rosy red. Lvs elliptic,140x55mm,margins upcurved,matt green above,acute at apex,obtuse at base,scaly (scales grey when young,not apparent on mature lvs). Shrub 1.0x1.0m in 10 years. Repeat-flowering.

(v) 'Arne Jensen'
cv. Lepidote rhododendron: *loranthiflorum* (s) × 'Taylorii' H: A. Jensen (pre 1985?), G: A. Jensen, N: L. Sorensen-Smith (1996), I: Bovees Nursery (1996), REG: L. Sorensen-Smith (1999). Fls 8-10/domed truss,funnel-campanulate,45x45mm,with 5 wavy- to very wavy-edged lobes,deep,strong and light purplish pink (55A-C) in bud,opening the same colours inside and out,the outside shading to white at the base of the tube: unmarked. Calyx minute,cream,edged light red. Lvs elliptic,(55-)75x(25-)40mm,broadly acute at apex,cuneate at base,margins slightly decurved,semi-glossy and moderate olive green (137B) above. Shrub 0.75-0.9x0.75m in 10 years. Flowering twice a year. (First published in Bovees Nursery cat. (1996)).

(v) 'Bridesmaid Bouquet'
cv. Lepidote rhododendron: 'Arthur's Choice' (s) × *carringtoniae*. H: B. Clancy (1988), G: B. Clancy (1993), N: B. Clancy (1998), I: Vireya Valley Nursery (1998), REG: G. Roelink (1998). Fls 6-8/open,flat truss,tubular funnel-shaped,45x52mm,with 5 flat-edged lobes,pale yellow-green (155A) in bud,opening inside and out pale yellow-green (155A),finely edged with light purplish pink (55C); anthers brown; scented. Lvs obovate,85x48mm,flat,glossy green,obtuse at apex,cuneate at base,with minute,tan scales. Shrub 0.75x0.9m in 10 years.

(v) 'Brunei Bay'
cv. Lepidote rhododendron: *stenophyllum* (s) × *leptanthum*. H: A. Jensen (pre 1980), G: A. Jensen, N: L. Sorenson-Smith (1996), I: Bovees Nursery (1996), REG: Bovees Nursery (1999). Fls 3-4/lax truss,tubular funnel-shaped,42x38mm,with 5 flat-edged lobes,strong pink (52D) in bud,opening strong pink (52D) throughout. Calyx minute,coloured as corolla. Lvs lanceolate,75x13mm,flat,acute at apex,cuneate at base,semi-glossy and moderate olive green (137A) above,scaly. Shrub 0.75x0.75m in 10 years. Variable period of flowering. (First published in Bovees Nursery cat., 1996).

(v) 'Capistrano Dawn'
cv. Lepidote rhododendron: 'Nancy Miller Adler' (s) × (*konori* var. *phaeopeplum* × *leucogigas*). H: W.A. Moynier (1985), G: W.A. Moynier (1991), N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 12-15/domed truss,tubular funnel-shaped,65x50mm,with 5 wavy-edged lobes,pale purplish pink (56B) inside and out,lighter in the throat; strongly scented. Lvs elliptic,80x40mm,broadly acute at apex,oblique at base,margins upcurved,tan scales below and on petioles. Shrub of dense habit,0.6x0.7m in 9 years. December-March.

(v) 'Chambri Lake'
cv. Lepidote rhododendron: parentage unknown. N: L. Sorensen-Smith, I: Bovees Nursery (1999), REG: L. Sorensen-Smith (1999). Fls 5-7/lax truss,tubular funnel-shaped,70x60mm,with 5 smooth-edged lobes,inside of lobes deep pink (52B-C); outside of lobes and apical part of tube moderate and light pink (49B-C),basal part of tube light yellowish pink (27A) and pale orange-yellow (23D). Calyx minute, pale red. Lvs elliptic,95x50mm,broadly acute at apex,cuneate at base,margins decurved,semi-glossy and moderate yellowish green (137D) above,scaly above and below (scales mid brown). Shrub 0.9x0.75m in 8 years. Flowering several times each year. (Possibly a natural hybrid,received under a collection number but not matching description).

(v) 'Doris Mossman'
cv. Lepidote rhododendron: (*zoelleri* × *macgregoriae*) (s) × *stenophyllum*. H: F.D. Mossman (pre 1985), G: R.W. Cavender (1996), N: R.W. Cavender (1996), I: Bovees Nursery (1996), REG: Bovees Nursery (1998). Fls 4-5/flat truss,tubular funnel-shaped,25x40mm,with 5 flat-edged lobes,vivid reddish orange (33A) in bud,opening vivid reddish orange (33A) throughout,inside fading to vivid reddish orange (33B) towards centre; unmarked. Lvs very narrowly oblong,70x10mm,flat,acute at apex,cuneate at base,glossy and dark yellowish green (139A) above. Shrub 0.75x0.75m in 10 years. Flowering several times each year. (First published in Bovees Nursery cat., 1996).

(v) 'Flamingo Bay'
cv. Lepidote rhododendron: (((*aurigeranum* × 'Doctor Herman Sleumer') x *leucogigas*) selfed) × another clone (no. 1) of the same cross. H: A. Jensen (pre 1980), G: A. Jensen, N: L. Sorenson-Smith, I: Bovees Nursery (1996), REG: Bovees Nursery (1999). Fls 4-8/domed truss,elongated tubular below,broadly funnel-shaped above,75x90mm,with 6-7 very wavy-edged lobes,inside of tube moderate reddish orange (41C) to deep yellowish pink (41D),with areas of moderate yellowish pink (33D) to moderate pink (35D),lobes light yellowish pink (38C-D) edged strong pink (48D); outside similarly coloured. Calyx minute,soft red. Lvs elliptic,105x50mm,flat,acute at apex,cuneate at base,semi-glossy and moderate olive green (137B) above,scaly. Shrub 0.6x0.6m in 10 years,pendent (and best grown in a hanging basket). Variable flowering period. (First published in Bovees Nursery cat., 1996).

(v) 'Hansa Bay'
cv. Lepidote rhododendron: *laetum* (s) × *zoelleri* 'Golden Gate'. H: unknown. G: P. Schick (pre 1980). N: L. Sorenson-Smith. I: Bovees Nursery (1996). REG: L. Sorenson-Smith (1999). Fls 5-7/flat truss,tubular funnel-shaped,with 5 flat-edged,recurved lobes,80x90mm,inside vivid yellow (16A),edged strong reddish orange (31B); outside vivid yellow (16A); flowers age to a soft golden colour. Calyx minute,pale yellow-green. Lvs elliptic,100x50mm,broadly acute at apex,cuneate at base,flat,dull and moderate olive green (146A) above,scaly. Shrub 1.8x0.75m in 10 years. Flowering intermittently throughout the year. (First published in Bovees Nursery cat., 1996).

(v) 'Harold's Delight'
cv. Lepidote rhododendron: 'Pink Delight' (s) × *intranervatum*. H: J.L. Rouse (1973). G: H. Shepherd (1989). N: G. Roelink. I: Vireya Valley Nursery (1998). REG: G. Roelink (1998). Fls 8-14/domed truss,tubular funnel-shaped,20x47mm,with 5 flat-edged lobes,deep yellowish pink (39B) in bud,opening inside and out strong reddish pink (40C). Lvs elliptic,90x38mm,flat,acute at apex,cuneate at base,glossy green,with minute,tan scales. Compact,much-branched shrub,0.8x0.75m in 8 years.

(v) 'Humbolata Bay'
cv. Lepidote rhododendron: 'Sir George Holford' (s) × *leucogigas*. G: Strybing Arboretum (pre 1976). N: L. Sorenson-Smith (1996). I: Bovees Nursery (1996). REG: Bovees Nursery (1999). Fls 8-22/domed truss,elongated tubular and broadly funnel-shaped,100x100mm,with 6-7 wavy-edged lobes,inside of lobes moderate to light yellowish pink (38B-C),tube light yellowish pink (24A),inside with deep and strong pink (50B-C) markings; outside of lobes strong and moderate pink (49A-B),tube light orange-yellow (25D to 22B-C)with vertical marks of deep and strong pink (50B-C). Lvs elliptic,175x65mm,with upcurved margins,broadly acute at apex,oblique at base,semi-glossy and moderate yellow-green (137C) above,scaly. Shrub 1.5x0.9m in 10 years. Flowering at least twice a year. (Probably crossed by J. Brydon (at Strybing Arboretum). First published in Bovees Nursery cat., 1996).

(v) 'Lake Amaru'
cv. Lepidote rhododendron: *konori* (s) × *laetum*. R: unknown (pre 1985). N: L. Sorensen-Smith. I: Bovees Nursery (1999). REG: L. Sorensen-Smith (1999). Fls 5-6/flat truss,tubular,70x75mm,with 5-6 smooth-edged but widely flared lobes,strong pink (48C-D) in bud,opening inside strong pink (48C-D),outside of tube moderate reddish orange (42D) becoming light yellow (18A) at base,outside of lobes strong pink (48D),with strong reddish orange (42B-C) stripes extending to the middle of the tube. Calyx c3mm long,dark red. Lvs elliptic,90x50mm,flat,broadly acute at apex,cuneate at base,dull and dark yellowish green (139A) above,with medium brown scales above and below. Shrub 1.2x0.75m in 10 years. Flowering several times each year.

(v) 'Lake Habbema'
cv. Lepidote rhododendron: *gardenia* (s) × ((*konori* var. *phaeopeplum* × *lochiae*) × *zoelleri*). H: P. Schick (c 1980). G: A. Jensen. N: L. Sorensen-Smith (1996). I: Bovees Nursery (1996). REG: L. Sorensen-Smith (1999). Fls 5-7/flat truss,elongated tubular salver-form, 100x80mm, with 5 wavy-edged lobes,colour changeable: inside moderate,light and pale pink (49B-D); outside strong pink (49A),with markings on lobes and tube,light yellowish pink (27A) at the base; scented. Lvs elliptic,140x65mm,flat,broadly acute at apex,slightly cordate at base,semi-glossy and dark yellowish green (139A) above,with reddish margins and petioles,scaly. Shrub 0.75x0.9m in 10 years. Flowering several times each year. (The seed parent, *gardenia* is probably the cultivar 'Gardenia Odyssey'. First published in Bovees Nursery cat., 1996).

(v) 'Lake Toba'
cv. Lepidote rhododendron: (*konori* × *laetum*) (s) × *aequabile*. N: L. Sorensen-Smith (1996). I: Bovees Nursery (1997). REG: L. Sorensen-Smith (1999). Fls 2-4/domed truss,campanulate,50x50mm,with 5 wavy-edged lobes,strong yellowish pink (33C) in bud,opening strong yellowish pink (33C) throughout,with vivid reddish orange (33B) and moderate yellowish pink (33D) markings at sinuses. Calyx minute,dusky reddish orange. Lvs broadly elliptic (almost orbicular),115-125x90mm,obtuse at apex,rounded at base,with flat and downcurved margins,semi-glossy and moderate olive green (137B) above,with numerous dark brown scales on both surfaces. Shrub 0.75x0.75m in 10 years. Flowering intermittently throughout the year. (First published in Bovees Nursery cat., 1997).

(v) 'Lake Wissel'
cv. Lepidote rhododendron: 'Doctor Herman Sleumer' (s) × *herzogii*. H: unknown. G: P. Schick (pre 1985). N: L. Sorensen-Smith (1997). I: Bovees Nursery (1997). REG: L. Sorensen-Smith (1997). Fls 2-5/domed truss,elongated tubular funnel-shaped,with a curved tube,70x45mm,with 5 wavy-edged lobes,with stripes of strong,moderate and light pink (49A-C) in bud,opening yellowish white (155D) throughout,with pinkish red scales on outside of lobes and tube; scented. Calyx minute,dark red. Lvs elliptic to orbicular,65x40mm,broadly acute at apex,oblique at base,with upcurved margins,semi-glossy and dark yellowish green (139A) above. Shrub 0.9x0.75m in 10 years. Flowering at least twice each year. (First published in Bovees Nursery cat., 1997).

(v) 'Jenna Soojean'
cv. Lepidote rhododendron: (*aurigeranum* × *brookeanum*) (s) × 'Taylorii'. H: W.A. Moynier (1985), G: W.A. Moynier, N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 10-14/domed truss,narrowly tubular funnel-shaped,c50x40mm,with 5 wavy-edged lobes,with a narrow edging of strong pink (49A) fading rapidly to pure white for rest of corolla. Lvs elliptic,90x30mm,flat,broadly acute at apex,cuneate at base,dull and mid green above,with tan scales below and on petioles. Shrub 0.9x0.9m in 13 years. Autumn-winter.

(v) 'Jeanhee'
cv. Lepidote rhododendron: 'Felinda' (s) × *javanicum*. H: W.A. Moynier (1981), G: W.A. Moynier, N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 11-15/domed truss,tubular funnel-shaped,65x65mm,with 5-7 very wavy-edged lobes,deep yellowish pink (39B). Lvs elliptic,140x50mm,margins upcurved,broadly acute at apex,cuneate at base,dull and dark green above,with tan scales below (and on petioles). Shrub 0.8x0.7m in 18 years. November-February.

(v) 'Mary-Lynn Cullinane'
cv. Lepidote rhododendron: (*herzogii* × *laetum*) (s) × *aurigeranum*. H: M.D. Cullinane (1990), G: M.D. Cullinane (1994), N: M.D. Cullinane (1999), REG: M.D. Cullinane (1999). Fls 5-6/flat truss,tubular funnel-shaped (zygomorphic),65x50mm,with 5 wavy-edged lobes,inside pale yellow (18D) edged and flushed deep purplish pink (64D),the ventral lobes more strongly flushed than the dorsal lobes,central dorsal lobe a clear pale yellow (18D); outside pale yellow-green (4D); filaments pale yellow-green (4D),anthers strong orange (26A); style light yellow-green (145C),stigma light yellow-green (145B). Calyx 1mm long,green. Lvs elliptic,110x45mm,margins flat,acute at apex,cuneate at base,matt green above,with light brown scales. Shrub 1.2x1.5m in 7 years. Flowering 4-5 times a year.

(v) 'May Kathleen Henderson'
cv. Lepidote rhododendron: 'Cameo Spice' (s) × *hellwegii*. H: M.D. Cullinane (1989), G: M.D. Cullinane (1991), N: M.D. Cullinane (1999), REG: M.D. Cullinane (1999). Fls 6/flat truss,tubular-campanulate,70x75mm,with 6 wavy-edged lobes,dark brown in bud,opening vivid red (45C),darkening to vivid red (45A) in the throat,outside vivid red (45C),unspotted; scented. Calyx 2mm long,reddish brown. Lvs elliptic,105x45mm,flat,acute at apex,cuneate at base,matt green above,scaly (scales warm brown at first,ageing to dark brown). Shrub 1.75x1.0m in 4 years,less leggy than parents. Repeat flowering.

(v) 'Marjory Fraser'
cv. Lepidote rhododendron: chance seedling from 'Star Posy'. H: M.D. Cullinane (1988), G: M.D. Cullinane (1992), N: M.-L. Cullinane (1999), REG: M.-L. Cullinane (1999). Fls 10-12/flat truss,funnel-shaped,60x50mm,with 5 flat-edged lobes,buds light brown,opening brilliant yellow (21C) inside; outside light yellow (21D),the lobes with a very fine edge of moderate red (179A); anthers moderate red (179A); stigma moderate red (181A). Calyx 5mm long,green. Pedicels moderate red (179A). Lvs elliptic,110x45mm,flat,acute at apex,cuneate at base,glossy green above,scaly. Shrub 1.2x1.0m in 5 years. Flowering 3-4 times a year.

(v) 'Marudu Bay'
cv. Lepidote rhododendron: (*zoelleri* × *macgregoriae*) × *suaveolens*. H: F.D. Mossman (c 1980), G: A. Jensen, N: L. Sorensen-Smith (1997), I: Bovees Nursery (1997), REG: L. Sorensen-Smith (1999). Fls 8-15/domed truss,elongated tubular funnel-shaped,47x35mm,with 5 wavy-edged lobes,pink and white in bud,opening light purplish pink (55C) inside,pale purplish pink (55D) outside,tube yellowish white (155D) inside and out. Lvs elliptic, 100x45mm, flat,broadly acute at apex,cuneate at base,glossy and moderate olive green (137B) above,with no visible indumentum. Shrub pendent,0.6x0.45m in 10 years. Flowering several times each year. (First published in Bovees Nursery cat., 1997).

(v) 'Mount Kaindi'
cv. Lepidote rhododendron: (*aurigeranum* × 'Doctor Herman Sleumer') (s) × ('Triumphans' × *javanicum*). H: unknown (pre 1980), G: unknown, N: L. Sorensen-Smith (1997), I: Bovees Nursery (1997), REG: L. Sorensen-Smith (1999). Fls 6/domed truss,tubular funnel-shaped,70x75mm,with 5 flat-edged lobes,inside opening with pale orange-yellow (19D) lobes,tipped with yellowish pink at apex,tube pale orange-yellow (24D); outside with light yellowish pink (27B) to pale orange-yellow (19D) on lobes,the tube striped with moderate yellowish pink (33D). Calyx 2mm long,dark red. Lvs elliptic,140x50mm,margins decurved, acute at apex,cuneate at base,semi-glossy and moderate olive green (137A) above,scaly. Shrub 1.2x0.9m in 10 years. Flowering throughout the year. (Un-named plant found in A. Jensen's collection when acquired by Bovees in late 1980s. First published in Bovees 1997 Views cat.)

(v) 'Mount Ophir'
cv. Lepidote rhododendron: 'Doctor Herman Sleumer' (s) × ('Pink Delight' × *jasminiflorum*). H: P. Sullivan (1971), G: W.A. Moynier (pre 1980), N: L. Sorensen-Smith (1997), I: Bovees Nursery (1997), REG: L. Sorensen-Smith (1999). Fls 6-10/flat truss,tubular funnel-shaped,50x55mm,with 5 wavy-edged lobes,inside strong pink (48D),outside light pink (50D) with a yellowish white (155B) tube. Calyx minute,yellow-green. Lvs elliptic, 90x45mm, flat,broadly acute at apex,cuneate at base,semi-glossy and dark yellowish-green (139A) above, scaly. Shrub 0.9x0.9m in 10 years. Flowering intermittently. (First published in Bovees Nursery cat., 1997).

(v) 'My Guy David'
cv. Lepidote rhododendron: 'Doctor Herman Sleumer' (s) × *superbum*. H: B. Clancy (1988), G: B. Clancy (1994), N: B. Clancy (1998), I: Vireya Valley Nursery (1998), REG: G. Roelink (1998). Fls 8-10/open,flat truss,tubular funnel-shaped,45x115mm,with 7 flat-edged lobes,light pink (50D) in bud,opening inside deep purplish pink (55A),with a light yellow (10C) throat,outside deep purplish pink (55A),with a brilliant yellow (13C) tube; strongly scented. Lvs elliptic,120x70mm,flat,obtuse at apex,cuneate at base,matt green,with very minute,tan scales. Shrub 1.2x0.8m in 8 years.

(v) 'Red Mountain'
cv. Lepidote rhododendron: red form of *commonae* (s) × *lochiae*. H: S. Blumhardt (1988), G: S. Blumhardt (1994), N: S. Blumhardt (1997), I: Koromiko Nurseries (1998), REG: S. Blumhardt (1999). Fls 6/flat truss,tubular-campanulate,30-35x35mm,with 5 flat-edged lobes which are slightly reflexed,red in bud and opening red throughout,unmarked; stigma and anthers purple. Calyx 1-2mm long,brown. Lvs elliptic,50x25mm,margins upcurved,obtuse at apex,tapered to base,glossy green above,scaly. Shrub of bushy habit,0.6x0.6m in 6 years. Flowers continuously.

(v) 'Sarah Meejean'
cv. Lepidote rhododendron: 'Clipsie' (s) × 'Ne Plus Ultra'. H: W.A. Moynier (1981), G: W.A. Moynier, N: W.A. Moynier, REG: W.A. Moynier (1999). Fls 12-15/domed truss,tubular funnel-shaped,50x50mm,with 6-7 wavy-edged lobes,strong reddish orange (42B). Lvs elliptic,90x40mm,margins upcurved,broadly acute at apex,cuneate at base,dull and dark green above,with tan scales below and on petioles. Shrub 0.75x0.9m in 17 years. November-January.

(v) 'Sirunki Lake'
cv. Lepidote rhododendron: (natural hybrid,possibly *macgregoriae* × *dielsianum*,obtained pre-1985 under collection number USDA 382-B). N: L. Sorensen-Smith (1996), I: Bovees Nursery (1996), REG: L. Sorensen-Smith (1999). Fls 3-8/lax truss,tubular funnel-shaped, 32x32mm, with 5 wavy-edged lobes,moderate yellowish pink (38B) inside and out,the tube pale yellowish pink (27D) near the calyx. Calyx minute,green. Lvs elliptic,65x30mm,flat,broadly acute at apex,cuneate at base,semi-glossy and moderate olive green (137A) above,scaly. Shrub 0.75x0.75m in 10 years. Flowering intermittently throughout the year. (First published in Bovees Nursery cat., 1996).

(v) 'Yellow Bunny'
cv. Lepidote rhododendron: 'Golden Prolific' (s) × yellow form of *commonae*. H: O.S. Blumhardt (1988), G: O.S. Blumhardt (1994), N: O.S. Blumhardt (1997), I: Koromiko Nurseries (1998), REG: O.S. Blumhardt (1999). Fls 5-7/flat truss,tubular-campanulate,35x40mm,with 5 flat-edged lobes,greenish yellow in bud,opening bright yellow throughout,unmarked; stigma green. Calyx 1-2mm long,green. Lvs elliptic,50x20-25mm,margins upcurved,obtuse at apex,tapered to base,bright and glossy green above,no scales visible. Shrub of bushy habit,0.5x0.4m in 5 years. Flowering continuously.