

Sir Victor Davies Foundation for Research into Ornamental Horticulture is proud to publish

THE GROWING WORLD OF DUNCAN & DAVIES: A HORTICULTURAL HISTORY 1899-2010



In 1910 young Victor Davies, fresh out of his apprenticeship, signed a partnership agreement with New Plymouth nurseryman James Duncan and began a career that would make Duncan & Davies Nursery a household name in New Zealand and a much respected brand overseas.

Author Alan Jellyman has captured this story of a family business which, with its loyal and skilled staff, met the challenges of two World Wars, the Depression, the fickleness of domestic and international markets and the evolution of horticultural research, technology and management.

This fully illustrated 256 page book celebrates Duncan & Davies place in the gardening history of New Zealand and the world.

Send \$60 with order

(includes packing and freight) to:
The Secretary, Sir Victor Davies Foundation,
8A Herapeka Street, TAUPŌ 3330



MEMBERS' PLANT LIST

2012

Welcome to the plant list for 2012. This year we are offering many rare wild sourced species rhododendrons, including Vireyas, some of which have not been offered before. Plant numbers are smaller this year due to changes in propagation requirements so early ordering is important.

Due to the increases in freight cost over the last few years Pukeiti will no longer be building the freight cost into the individual plant price. All costs inclusive of GST.

Please use the guide below to allow enough for the freight on your limited open order cheque. Actual freight costs may be lower and we will ensure that your payment is made out to the correct amount and receipt you accordingly for the cost of plants plus freight.

FREIGHT CHARGES	PLANTS	FREIGHT	PLANTS	FREIGHT	PLANTS	FREIGHT
SHORT HAUL (TARANAKI)	1-9	\$12.00	10-18	\$24.00	19-27	\$35.00
REST OF N.I	1-5	\$15.00	6-10	\$30.00	11-15	\$44.00
SOUTH ISLAND	1-5	\$24.00	6-10	\$47.00	11-15	\$69.50
RURAL DELIVERY	An additional charge of \$4 per carton for all areas					

We do encourage members ordering plants to collect them from Pukeiti on Members day, if possible. All collection orders will receive a 5% discount.

All plants are believed to be correctly named and true to description but no guarantees are given in this respect. Size and flowering is a rough guide and can vary according to local conditions.

RHODODENDRONS

SPECIES

- arizelum** KC 0124 – Compact slow growing large leaf rhodo. With handsome tan or brown felted foliage. Slow to flower but usually cream with a dark blotch. Collected in Arunachal Pradesh. 5m. Sept-Oct. \$20
- arizelum** ARS 687 – another collection of this fine species that grows from Arunachal Pradesh through to NW Yunnan. Fine foliage plant and slow growing to about 5m high and wide. Cream to pink flowers in dense trusses. Sept-Oct. \$20
- arizelum** aff. Cox 10044 – Arunachal Pradesh collection. Peter Cox thought this could be a new species close to arizelum with extra good foliage. First time on offer. \$25
- edgeworthii** Pukekura Form – a nice selection from the early days of the famous New Plymouth park. Large scented pink and white flowers. Needs good drainage. 2m. October. \$15



Explorers Club

Pukeiti Explorers Club & Smiths Sports Shoes New Plymouth Bring to you....

Pukeiti Explorers Club - Autumn Fun Day

10.30 - 2pm - free entry for all - explore the garden with your kids, enjoy games on the lawn plus a bouncy castle and sausage sizzle

Pukeiti Puffer - Fun Run

Feeling fit as well as fun? Enter into an amazing off road running event through Pukeiti. Registration will be 15 mins before each race.

10.30am : Under 12's 2km over grass tracks free entry	11.15am : Big kids & Adults 6.5km including streams to cross, single trails and good hill climbs \$5	For those who want a challenge 13km including streams to cross, single trails and good hill climbs \$10	Fun Run proceeds to the Cameron Clow Trust Great spot prizes to the value of \$600 including shoes and sports packs from BROOKS - run happy - Fun Run entry is limited so register now at Smiths Sports Shoes, 33 Currie St, New Plymouth Email smithsportshoes@gmail.com Phone (06) 769 9343 - This event will go ahead whatever the weather.
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PLANTS OF PUKEITI FOREST
By Marion MacKay
Copies available (\$200.00 each)



VIREYA SPECIES

(all require sheltered frost free conditions)

- 31 *acrophilum* 2008155 – Mt Mantalinajan, Philippines, where it occurs as an epiphyte in one place only. Low growing shrub with umbels of 3-5 bright orange to yellow tubular funnel flowers, several times a year. Flowers are pale in winter and brighter in summer. Rare. 1m. \$18
- 32 *aurigeranum* 1975122 – From Eastern PNG in low altitude, ie. warm, situations. Open vigorous shrub with light green foliage and medium trusses of bright yellow flowers once or twice a year. 2m. Needs shelter and a warm position to be seen at its best. \$18
-  33 *blackii* 1983386 – PNG collection by Graham Smith. Distinctive upright habit with stiff round leaves on short petioles. Brilliant red long tubular flowers semi pendulous, at least twice a year. 3m. \$18
- 34 *carringtoniae* – Well branched bushy shrub with whorls of thick, upward pointing leaves. White flowers emerge pointing upwards and then arch outwards like a shuttlecock. They are strongly and sweetly scented. Repeat. 2m. \$20
- 35 *celebicum* – Small shrub from Sulawesi (Celebes) with narrow elliptic leaves and open umbels of 5-8 pinky-red tubular flowers. Not spectacular but a rare species in cultivation. 1.5m \$18
- 36 *commonae* – Excellent small species from PNG which is more hardy than most. Small ovate leaves on a dense shrub to 1m. This is the most often seen red form, the flowers being curved tubular and semi-erect to pendulous, 4-8 per umbel. \$18
- 37 *dianthosmum* – From Irian Jaya, Cycloops Mountains and this clone probably from the original seed collection in 1961. A slow growing, stiff shrub with broad elliptic, thick, scaly leaves in whorls. The flowers are slow to develop and are white, flushed with pink on the lobes, 3-6 umbel, strongly carnation scented. Rare. 2m. \$25
-  38 *herzogii* – found all over the mountains of New Guinea, this is a popular and easy species. Upright dense habit with whorls of aromatic bright green leaves it produces upright white buds, becoming semi pendulous tubular flowers, strongly scented. Repeat. 2m. \$20
- 39 *inundatum* – Similar to *R. herzogii*, this is a more compact plant with larger leaves and shorter and broader flowers. It has the same scented foliage and flowers but is only found in West New Guinea. 1m. Repeat. \$20
- 40 *jasminiflorum* ssp. *oblongifolium* – A form of the common species with its slender tubular white, very fragrant flowers but this from Borneo has larger more elongate leaves. Tends to be a heavier looking shrub. 2m. Repeat. \$20
- 41 *javanicum* ssp. *brookeanum* – 2008142. Vigorous wide spreading shrub with thick leathery leaves in whorls. Large umbels of pinky-orange trumpets with a lighter throat. Needs warm conditions to perform well. 2-3m. \$20
- 42 *javanicum* ssp. *moultonii* – very similar to the above but with minor differences in the ovary being glabrous instead of hairy and scaly. Flowers orange-yellow and the plant appears to be less spreading. 2m. \$20
- 43 *laetum* - 2008126 A selected clone from USA of this bright yellow flowering vireya. Generally a tall slender plant so pinching out helps keep it bushy. Can repeat flower. 3m. \$20
- 44 *lagunculicarpum* – An upright shrub from Sulawesi with small rounded leaves held in loose whorls. Flowers are small, tubular on slender stalks in 4-6 umbel, bright orange to yellow. They can be showy en-masse but they have a quiet attraction anyway. 2m. Repeat. \$18

- 45 *macgregoriae* – The rare red form of this excellent tough species. A compact shiny leaved shrub which flowers several times a year. The flowers are small but held in dense umbels of 10-15 star shaped blooms. Seen all over New Guinea, usually in the orange form. 2-3m. \$20
- 46 *majus* -2008140. Rare scented species from New Guinea forming a compact shrub up to 2m. with handsome elliptic foliage. Flowers are in flat topped umbels of 10-15, white with slender, often pink, tubes smelling like carnations. \$20
- 47 *malayanum* – 1990241A. The first vireya to be described and found over a wide range of countries. Slender plants, usually compact with dark narrow leaves, brown scaled below. Small bright red to purple-red flowers hang from the tips and axils of shoots. 1-2m. \$15
- 48 *mendumiae* – probably the rarest plant on this list and only brought into cultivation in 1998 from Palawan, Philippines and known from one mountain. Compact slow growing shrub with leaves like *R. jasminiflorum*. Amazing flowers are in 1's and 2's, white, nearly 10cm across and strongly fragrant. We have yet to flower it. Small plants and only two. \$30
- 49 *micromalayanum* – like a small malayanum but only discovered in 1970 in the mountains of Borneo. Compact plants with shiny narrow leaves, undersides covered with dense dark brown scales. Small purplish-pink flowers dangle from shoot tips at regular intervals. 80cm. \$18
- 50 *micromalayanum* white – same as above but with flowers greenish white. Rare. \$18
- 51 x *planecostatum* – a natural hybrid between *R. bagobonum* and *R. crassifolium* from Borneo where it occurs infrequently in disturbed areas. The glossy thick leaves are like *crassifolium* and the red, tubular flowers like *bagobonum*. Easy to please. 1m. \$15
- 52 *pleianthum*- Papua New Guinea. A medium shrub with elliptic leaves. Flowers are white, very long tubed and in a flat umbel of 8-16, highly scented. Rarely offered. 2-5m. \$20
- 53 *polyanthemum* – Borneo. A fine foliage shrub with thick leaves and stems covered with dense dark brown scales. The flowers are bright orange in a dense 25-flower umbel and are sweetly scented. Generally compact and easily kept pruned, it can grow to 5m. \$20
-  54 *pudorinum* – Sulawesi. Relatively recent into cultivation and not at all well known. Broad to rounded leaves on a small tree set off the umbels of pink tubular flowers but as yet not seen in collections. 4m. \$20
- 55 *pulleanum* – Collected in PNG. in 1983 and provisionally identified by John Womersley as this. However this species is only recorded from Irian Jaya. It is a low growing shrub with bright green rounded leaves and a succession of tubby twin red bells. Nice little mystery plant. 50cm. \$18
-  56 *rarilepidotum* – 2007183. A fine Sumatran shrub with attractive dense foliage. When growing well it can send 'canes' up to a metre long topped by large flower trusses but usually these orange trusses are smaller with 20-25 scented funnel shaped blooms. 4m. \$20
- 57 *rarum* – 1976395. Distinctive small arching shrub with long, narrow leaves and reddish pink curved tubular flowers hanging from the shoot tips. Often epiphytic, it can make an attractive basket plant where the flowers can be viewed at 'eye-level'. 1.5m. \$18

- 58 *santapaui* – 2007191. Dwarf shrub from Subansiri District, Arunachal Pradesh only described in 1965. Distinctive dark, leathery pointed leaves in dense whorls, often bronze when new. Small white flowers with dark stamens in clusters are attractive en-masse. Good drainage as usually an epiphyte. 50cm. \$18
- 59 *sumatranum* – This is the true form not the natural hybrid with *R. retusum* that has been grown under the name for many years. A compact bushy shrub with small leaves it produces orange-red tubby bells in 2-4 umbels at any time of year. 2m. \$20
- 60 *taxifolium* – Philippines, Mt. Pulag where it is an epiphyte on dwarf trees. Needle-like foliage is special and the small white flowers most attractive. We have found it easy to grow which is just as well as it may be extinct in the wild. 1m. \$20
- 61 *villosulum* – New Guinea. 2008108. Compact erect shrub with elliptic pointed leaves in whorls. Curved tubular red bells hang from ends of shoots once a year. Rare. 1m. \$20

VIREYA HYBRIDS

- 62 *Atropurpureum* hybrid – 1984508 Naturally occurring on Mt. Wilhelm. PNG. An erect small leaved shrub with vivid pink long tubular flowers in small umbels once a year. 2m. \$15
- 63 **Baby Bells** – Very small shrub with tiny glossy leaves. Small pink flowers stand up above the foliage and last for some time. NZ hybrid from Os Blumhardt. 30cm. \$18
- 64 **Gardenia Odyssey** – Australian hybrid originally thought to be the true species. Strong growing open shrub with bold leaves. Very large pale pinkish-orange flowers in big trusses, more cream in cold weather. Highly scented. Needs pruning regularly. 3m. \$20
- 65 *Laetum x Hellwigii* – Strong growing shrub with handsome foliage. Large pale red open trumpets in a flat topped umbel once a year. 3m. \$20
- 66 **Littlest Angel** – Australian hybrid of their native *R. lochiaie*. A small dense shrub with neat dark foliage. Plenty of hanging red bells throughout the year and suitable for large basket. 1m. \$18
- 67 **Lochmin** – Another *R. lochiaie* hybrid but this is more upright with larger foliage. Reddish-pink flowers are showy and repeat several times a year. Easy plant to grow. 2m \$18
- 68 *Orania x Womersleyi* – small spreading shrub with dark foliage. Flowers are light red in a small umbel, several times a year. 1m. \$18
- 69 **Simbu Sunset** – raised at Pukeiti and now very popular in garden centres. Upright bushy shrub with shiny dark leaves. Bold bright orange and yellow trumpets several times a year. 2m. \$20
- 70 *Sumatranum x Retusum* – the original introduction as *R. sumatranum* but now we know this excellent plant is a hybrid. Flowers are more tubular and a brighter red. Upright growing. Repeat flowerer. 1.8m. \$18

ODDS AND SODS

We have a number of single plants and specials too numerous to list that will be for sale on Members Day, 24th March. Some of these are too big to post. Some rare and special finds to be found.



19



21

- 19 *rubiginosum* A. Clark selfed – An upright shrub with narrow densely scaled leaves, brown below. Compact trusses of pale to deep purplish-pink, often spotted. 2-4m. September. \$18
- 20 *serotinum* – Hand pollinated seed from Olinda, Victoria. A rare close relative of *R. decorum* from S. Yunnan and N. Vietnam with large pink scented flowers but much later in the season. Tall growing with grey-green foliage. Easy to please. 3-6m. December. \$20
- 21 *sidereum* AC5345 – Arunachal Pradesh, India. Like a smaller *R. grande* but much later in the season. Creamy-white, red throated flowers in compact trusses, freely produced. Long, narrow silver backed leaves are attractive. 5-8m. November-December. \$25
- 22 *sinogrande* KC 0134- Arunachal Pradesh. High altitude form of this splendid foliage tree. Huge dark green leaves and large creamy-white, purple blotched flowers are reward for a sheltered, moist site. 5-10m. Oct-Nov. \$25
- 23 *species nova* Cox 10010 – since collection considered to be *R. falconeri* from Arunachal Pradesh. Variable in foliage as young plants but should be handsome foliage trees with rufous backed large leaves. Cream to pale yellow flowers in large trusses in mid Spring, Shelter. 4-10m \$25
- 24 *strigillosum* 'Avery' form x 'Nelson' form from June Sinclair, Seattle. The two best reds of this early flowering species with distinctive hairy stems on a compact shrub. A good species for general cultivation. 2-4m. Sept-Oct. \$20
- 25 *veitchianum* AC 5645 N. Vietnam collection. Should have frilled large white, scented flowers in early spring on a compact to open shrub with attractive bark. The earliest forms can be frost tender but shelter should reduce this risk. 2-3m. September. \$20
- 26 *williamsianum* A good form from Pukeiti which enjoys life as an epiphyte on an old ponga log. Wonderful rounded habit with neat small, almost round leaves. Small pink bells in open trusses are delicate. 1m. Oct-Nov. \$25

HYBRIDS



28

- 27 **Butterhorn** – An American *Maddenia* hybrid with an upright habit, bronze new growth and fine bright yellow trumpet shaped flowers in late Spring. 1.8m. Nov-Dec. \$18
- 28 **Moon Orchid** – A good Felix Jury hybrid for the warmer climate. Tidy upright bushy shrub with handsome foliage and red stems. Trumpet shaped flowers are reddish in bud opening creamy yellow flushed red and with a good scent. Very free flowering. 2m. November. \$18
- 29 **Mosers Maroon** – Very distinctive looking rhodo. with dark green foliage which is dusky-red when young. Dark maroon red flowers in medium trusses late in season. 2m. Nov-Dec. \$18
- 30 *scabrifolium x mucronulatum* A small leaved compact shrub with very early small pinky-purple flowers which can cover the plant. 1m. September \$15