

VIREYA VINE

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Special Issue: Seed List and Species List

From Bill Moyles
Dear Vireya Vine

Oakland, California
September 6, 1995

The recent Portland American Rhododendron Society Annual meeting was a pleasant success. Between Lucie Sorensen's Vireyas at Bovees Nursery and Dick Cavender's poly house at Red's Rodies, Vireyas are obviously alive and well in the Portland Oregon area. Very nice. And, thanks for the hospitality.

I have finally finished a revision of the seed list and have enclosed the list. If you have room, please print. It's really special this time, some very nice things from Graham Smith at Pukeiti in New Zealand (especially *R. rubineiflorum*), Jack Wilson in Australia (a selected form of *superbum*), and a generous lot of *javanicum* ssp. *brookeanum* var. *Kinabaluense* from Dick Cavender. I must mention Mitch Mitchell, our Hawaiian connection, and Fran Rutherford from Washington state. And, if this was not enough, two seed lots recently received require special mention. First, from Lyn Craven and John Rouse: seed of Lyn Craven's konori selection, 'White Giant', said to be the largest flowered genotype of the species in cultivation in Australia. The plants need support but the flowers are huge. The seed list has previously listed John's cross of this with *leucogigas*. If any of you are now growing these we would appreciate hearing about them. The Vireya Vine (or myself) would always like to hear about results from seed - positive or negative. The second lot to mention is Bill Moynier's cross of Avalon (*Shasta* x *aurigeranum*) with the Avalon cross, *Avalon* x *aurigeranum*. Avalon is a marvelous plant of soft yellow and fine foliage. This cross may produce some even better plants. I still have some *R. himantodes* seed from John Rouse available. It shows excellent germination -- slow to grow, but surely worth the wait. I am increasingly convinced that closing down small seedlings (1 or 2 sets of true leaves) in a poly tent - a "covered wagon" - under lights works wonders. The temperature and humidity go up, and with frequent foliar/drip feed stand back. My medium is (as always) milled sphagnum plus a good proportion (40% or so?) of perlite. Given good seed you can't miss. I recently received seed of a Philippine species, *R. vidalii*, from George Argent at Edinburgh. He described it as a very elegant and desirable small-flowered species. There was only enough seed for one sowing and so far I count around a dozen or so seedlings. Vigorous and looking good. *R. vidalii* will get around through the Species Foundation -- when they mature.

We have an active new Vireya friend, David Binney, in New Zealand. (see last VIREYA VINE). Besides seed, David has sent along cuttings of maxwellii and sessilifolium. Both are now well rooted and growing. He also sent at the same time cuttings of fallacinum and ericoides. They are NOT rooted; they sit and sit for almost 6 months now. The Vireya seed exchange waits and waits for seed of fallacinum and ericoides from any source. David is on the computer INTERNET as dbinney@enternet.co.nz I am: wmoyles@hooked.net I continue to hope that the VVine will get on and perhaps even have its own Web page. Come on E. White, be the first -- actually the second: Pukeiti has a Web site. Meanwhile, for those of you with an EMail address who are interested, you can send your address to me and perhaps we can establish an EMail exchange (poor man's List Serv); that is, I can forward comments/questions, etc. to all on "the list" as they come in. Note that the seed list and other relevant material is always available via EMail. FAX if necessary, but EMail costs us nothing as I am on a flat fee/local call basis with my server.

We also have several other new seed recipients with expanding Vireya interests. One is Andrew Guthrie, General Manager of the Queen Elizabeth II Botanic Park in the Grand Caymans. His Email address is andrew.guthrie@server.candW.ky Guthrie is working closely with Scott Vergara (RSF) to establish a backup collection of Vireyas in the Caribbean. I'm sure we will hear more of this as time goes by. The RSF garden is on the INTERNET but as yet I have not received an EMail address.

The other relatively new seed recipients are from the Adelaide area of Australia (a bit more Mediterranean climate than Melbourne); A. Kerr Grant the new president of the South Australian Branch of the Australian Rhododendron Society, Sam Burbon the Branch Secretary, and John Shutz of the highly regarded Mt. Lofty Botanic Garden.

So much for the seed list. My own good news is the completion of the first stage of a display/demo garden of Vireyas in the Lakeside Garden Center (Lakeside Park) in Oakland California. For some time I have been growing Vireyas in a cool greenhouse at a nearby community college (Merritt). With ready access to seed and with many generous friends, my collection had grown in scope and was getting out of hand. They really needed to get out where folks could see what a Vireya was and perhaps generate some interest. So on the basis of continued prodding from Barbara Campbell, and a \$1,500 grant from the California Chapter of the American Rhododendron Society six months ago we were able to acquire for planting about 70 running feet of raised beds (5 feet across). It's a wonderfully protected lath area at one of our municipal parks with no strings attached. All the beds were excavated and the soil replaced with a fir-bark-lava rock "mix". An automated watering system was installed and then 40 Vireyas were planted. I tried to mix species and hybrids (probably 2 to 1 mix) and vary size and characteristics. Thus *R. pauciflorum*, *sheilae*, *anagalliflorum* hyb, *burtii*, etc. coexist with *armitii*, *brookeanum* x *aurigeranum* (in full bloom 1st of Sept.) and the wonderful hybrid, Marshall Pierce Madison. I have also found a home as "groundcover" for a population of *R. saxifragoides* hybrids (they look like a vigorous sax itself) grown from Oz Blumhardt seed (thank you, Oz!). I think it's pretty special to use sax (even as a hybrid) as a ground cover! And here, all Vireyas; no compromise - no "companion" plants. Just moss rock (my version of "peat blocks" a la Edinburgh) for variation. All labeled! Merritt College has a fine label engraving system and the result looks very professional. I liked my labels so much that I have just finished a set for the San Francisco Church garden that Pete Sullivan has developed. Fortunately the garden at Lakeside Park is expandable, and I would like to see it develop further as a permanent display garden sampling the variation inherent in the Vireya Section. I believe there is sufficient room to "have it both ways". That is to serve both as a secure repository for identified species, and as a show place for selected hybrids. I think this garden contrasts nicely with Pete Sullivan's more informal "outdoor" garden of his own large hybrids. Lakeside will certainly be on a smaller scale.

Pete's garden shows how effective Vireyas can be as garden plants, grown selectively and with care. Few realize that 90% of the plants in the Church garden are literally his own and the result of 25 or so years of breeding and gutsy survival. Located between two church buildings (and open to the public) it is blessed with a degree of protection (both physical and spiritual) from the elements. But, first and foremost, Pete is a gardener, and it shows.

So, for any VViners visiting the Bay Area there will be two labeled Vireya gardens to look at. You may be lucky and see Pete's "Cephas", (Dr. Sleumer x leucogigas), in bloom. Vireyas answer to Lem's Cameo. Of course, no visit to this area would be complete without stopping by Strybing Arboretum and visiting with Karen Morebeck. We must all appreciate her single-handed efforts that continue to make Vireyas available to the general public in the San Francisco area.

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Vireya Seed List 1995

September 1995

Seed harvested in both 1994 and 1995 are listed. Many items are in short supply so alternatives should be requested. All requests for seed should be sent to:

Bill Moyles
Vireya Chairman
4243 Norton Ave.
Oakland, CA 94602 **Phone (510)531-1375** **Fax (510)531-9657**

Upon your receipt of seed, a contribution of \$1.50 per packet should be sent to:

George Woodard
Chairman, ARS Seed Exchange
Box 531 - 55 Post Rd
Westbury, NY 11590

Send no money before the seed is received. **Up to 10 packets of Vireya seed is FREE to overseas members (outside of the USA).** Overseas members are requested to enclose either with their order or send after the order is received, 2 International Reply Coupons to cover postage. A "seed sower's guide" is available for an extra coupon.

CONTRIBUTORS:

ADM	Keith Adams	New Zealand	OLD	Jan & Brian Oldham	N.Z
AUS	Australian Rh Soc.	Australia	ROU	John Rouse	AUS
BIN	David Binney	New Zealand	RUT	Fran Rutherford	USA
BRE	H.Brentel	Austria	SCH	Peter Schick	USA
CAV	Dick Cavender	USA	SNL	Graham Snell	AUS
CHA	Dick Chaikin	USA	STR	Strybing Arb.	USA
CLA	Brian Clancy	Australia	TAT	Tom Tatum	USA
LEW	Harold Lewis	Australia	WIS	I.B.Wilson, Dr.	U.K
NEA	Bill Mearns	Australia	WIL	Jack Wilson	AUS
MIT	R.A.Mitchell	USA	VIR	M.S.Viraraghavan	INDIA
MYN	Bill Moynier	USA	PUK	Graham Smith	N.Z
MOY	Bill Moyles	USA	EDN	G. Argent/RBG Edinb	U.K.

1994 Seed American Rhododendron Society "Vireya Seed Exchange"

- 94-15 SNL sessilifolium x aurigeranum (yellow form)
- 94-18 CHA Cape Cod Cranberry (konori x lochiaie) x aurigeranum
- 94-22 LEW rhodoleucum x goodenoughii
- 94-23 LEW (laetum x aurigeranum) x rhodoleucum
- 94-25 LEW Buttermilk (konori x aurigeranum) x rhodoleucum
- 94-26 LEW aurigeranum x Dr. H Sleumer
- 94-40 WIS laetum o.p.
- 94-45 ROU leucogigas "Hunstein's Secret" x self (h.p.)
- 94-46 ROU leucogigas "Hunstein's Secret" x self (o.p.)
- 94-48 SNL ((leucog x (leucog x laetum)) x phaeocephalum)) x leucogigas
- 94-50 VIR Dr. H Sleumer x (aurigeranum x zoelleri) x javanicum
- 94-51 VIR Calavar (konori x zoelleri) x javanicum
- 94-52 VIR Narnia (aurigeranum x zoelleri) x Dr. H Sleumer
- 94-55 PUK beyerinckianum o.p.
- 94-57 PUK hellwigii o.p.
- 95-58 PUK stevensianum ex nat hyb PNG, pink low spreading
- 94-60 PUK christii ex Kores large form o.p.
- 94-61 PUK solitarium o.p.
- 94-62 PUK culminicolum v culminicolum ex Mt. Gahavisuka, PNG o.p.
- 94-63 PUK crassifolium (compact red) ex Blumhardt, Gunong Alab
- 94-64 PUK gracilentum o.p.
- 94-65 PUK aequabile o.p.
- 94-70 WIL ((phaeocephalum x zoelleri) x superbum)) x (Arthur's Choice x carringtoniae) (ex Caddie)
- 94-72 WIL beyerinckianum o.p. Wilson #1263 Red/Orange
- 94-78 MOY aurigeranum x (laetum x lowii)
- 94-80 RUT konori o.p.
- 94-81 ADM culminicolum v culminicolum o.p.
- 94-83 BRE buxifolium c/w Mt Kinabalu
- 94-86 MYN phaeocephalum x leucogigas) selfed low spreading form MYN #FO 327
- 94-87 MYN (gardenia [=leucogigas Hunstein's Secret?] x aurigeranum) selfed MYN #HO 316
- 94-88 MYN (gardenia x aurigeranum) x ((laetum x leucogigas) x konori) MYN# HO 315
- 94-89 MYN (gardenia x aurigeranum) x ((laetum) x (macgregoriae x aurigeranum)) MYN# HO 317
- 94-90 MYN (laetum x (aurigeranum x leucogigas)) selfed MYN# F8-803B
- 94-91 MIT lochiaie o.p.
- 94-92 RUT javanicum h.p.
- 94-93 MOY phaeocephalum o.p. (warning: possible hybridity)
- 94-94 MOY (Dr. H Sleumer x herzogii) x goodenoughii
- 94-95 SCH konori x zoelleri selfed (Moodycliffes Apricot)

1995 Seed

- 95-01 MEA superbum x christianae 'grandiflora'
- 95-02 WIL superbum (Caddie, 7 flwrs/truss)
- 95-03 WIL zoelleri 'Michael Black' (ex Trevor Callow)
- 95-04 VIR Lazarus x javanicum
- 95-05 VIR Narnia x javanicum
- 95-06 VIR (zoelleri x konori) x javanicum
- 95-07 VIR Calavar x macgregoriae

- 95-08 VIR ((Pink Delight x jasmfl) x (konori x rhodoleucum)) x javanicum
 95-09 BRE Buttermaid (= mac/aurig) F2 o.p. (ex Auckland Bot Gdn)
 95-10 MYN (aurigeranum x Dr. H Sleumer) x leucogigas (= San Miguel) x (aurigeranum x brookeanum) x Lazarus (= 23 flwrs) MYN# WP 333
 95-11 MYN Avalon (=Shasta x aurigeranum) x (aurigeranum x brookeanum) x Lazarus (=23 flwrs) MYN #FO 332
 95-13 AUS bagobonum o.p.
 95-14 ROU himantodes h.p.
 95-15 RUT hyacinthosmum o.p.
 95-16 AUS lochiaie 'Mt. Finnigan form' o.p.
 95-17 MOY goodenoughii h.p.
 95-18 OLD konori h.p. (PNG form, large lvs and flowers ... select)
 95-19 MOY superbum h.p. RSF# 78-090
 95-20 AUS laetum x superbum
 95-21 AUS (Dr. H. Sleumer x herzogii) x superbum
 95-22 SCH (macgreg x aurig) x Dr. H. Sleumer (=San Gabriel) F2
 95-23 BIN (Dr. H. Sleumer x leucogigas) x gardenia (cf leucogigas)
 95-25 MIT (zoelleri x leucogigas) x MYN H018 (=mac/aurig x Dr. H. Sleumer)
 95-26 MOY (konori x christiana) x (laetum x zoelleri F2 Schick)
 95-27 MOY superbum RSF 78-90 x phaeopeplum
 95-28 MOY solitarium x phaeopeplum
 95-29 MOY Moonwood x goodenoughii
 95-30 MOY superbum RSF 78-90 x (Triumphans x brookeanum)
 95-31 MOY superbum RSF 78-90 x goodenoughii
 95-32 BIN (Dr. H. Sleumer x leucogigas) x sessilifolium
 95-33 BIN pauciflorum
 95-34 BIN retusum
 95-35 PUK yelliottii (ex S2777 Craven) o.p.
 95-36 PUK culminicolum var. culminicolum (ex Kores 10576 deep pink) o.p.
 95-37 PUK rubineiflorum (mat compact) o.p.
 95-38 PUK retivenium (yellow) o.p.
 95-40 CAV javanicum ssp brookeanum v kinabaluense (ex Kinabalu seed c/w)
 95-41 MOY Avalon (=Shasta x aurigeranum) x ((laetum x leucogigas) x konori)
 95-42 MYN Avalon x (Avalon x aurigeranum) Moynier #HP 336.
 Should produce the finest yellow to date.
 95-45 PUK stenophyllum o.p.
 95-46 PUK calignis o.p.
 95-48 BIN phaeochitum h.p.
 95-49 BIN laetum x hellwigii
 95-50 ROU konori 'White Giant' selfed ... claimed to be the largest flowered genotype of the species in cultivation in Australia. Not a vigorous grower but a very spectacular large flowered plantgrow and select. This selection comes from Lyn Craven via John Rouse.
 95-52 EDN taxifolium h.p. ex Mt. Pulog, Philippines

Editors note: All Vireya seed is frozen and Bill Moyles takes extra care to keep it fresh so that you have a good chance of getting seed that will grow for you. But you need to get on his list of recipients. List of Vireya Rhododendron Species; Alphabetized with Dr. Sleumer's numbers. The Sleumer numbering system is a helpful reference and seems to add some order to a very large list of species names (303 in all).

abietifolium	166	carringtoniae	110	gilliardii	64
acrophilum	177	carstense	111	giulianettii	101
acuminatum	82	cernuum	98	glabriflorum	203
adinophyllum	17	celebicum	205	goodenoughii	129
aequabile	90	chamaepitys	108	gracilentum	139
agathodaemonis	30	chavalieri	242A	habbema	26
album	89	christianae	247	hameliiflorum	8
alternans	172	christii	200	hartleyi	114A
alticolum	180	ciliilobum	24	hatamense	158
amabile	124	cinchoniflorum	27	heamatophthalmum	69
anagalliflorum	137	cinerascens	127	hellwigii	36
angulatum	208	citrinum	154	helodes	175
apoanum	79	coelorum	147	herzogii	31
archboldianum	115	commonae	165	himantodes	75
arenicolum	100	commutatum =		hirtolepidotum	212
arfakianum	261	longiflorum	233	hooglandii	41
armitii	119	comparabile	244	hyacinthosmum	58A
asperrimum	46	comptum	96	hybridogenum	88
asperulum	A2	coriifolium	198A	impositum	263
asperum	62	cornu-bovis	160	impressopunctatu	210
atropurpureum	191	correoides	95	incommodum	32
aurigeranum	254	crassifolium	227	inconspicuum	183
baenitzianum	229	cruttwellii	114	insculptum	2A
bagobonum	162	culminicolum	268	intranervatum	274
banghamiorum	178	curviflorum	201	inundatum	29
beccarii	222	cuspidellum	232	invasorium =	
beyerinckianum	51	cyatheicolum	61	inconspicuum	12
blackii	268A	cyrtophyllum	18	jasminiflorum	136
bloembergenii	241	delicatulum	43	javanicum	225
brachygynum	265	detzneranum	7A	kawakamii	14A
brachypodarium	128	dianthosmum	73	keditii	199
brassii	188	dielsianum	47	kemulense	223
brevipes	253	disterigmoides	146	kochii	252
brevitubum	220	durionifolium	77	konori	56
brookeanum =		edanoi	132	laetum	248
javanicum	276	emarginatum	2B	lagunculicarpum	93
bryophilum	44	engleranum	230	lamii	184
bullifolium	65	ericoides	19	lampongum	97
burtii	155A	erosipetalum	7	lanceolatum	259
buruense	240	extrorsum	35	leptanthum	52
buxifolium	192	eymae	33	leptobrachion	236
buxoides	13A	fallacinum	78	leptomorphum	173
caespitosum	140	flavoviride	246	leucogigas	238
caliginis	41A	fortunans	83	leytense	264
calosanthos	196	frey-wysslingii	155	lindaueanum	9
capellae	9A	fuchsii	262	lineare	84
carrii	118	gardenia	54	loboense	215
		gaultheriifolium	5	lochiae	244A

loerzingii	209	phaeops	70	santapau	2C
lompohense	239	planecostatum	161	saruwagedicum	11
longiflorum	250	pleianthum	116	saxifragoides	148
loranthiflorum	133	pneumonanthum	130	sayeri	206
lowii	273	polyanthemum	251	scabridibracteatum	249
luraluense	245	poremense	270	scarlatinum	190
luteosquamatum	182	porphyranthes	185	schizostigma	21
macgregoriae	242	praetervisum	268B	schlechteri	237
macrosiphon	109	prainianum	38	schoddei	67
maius	113	proliferum	91	scortechinii	16
malayanum	80	protandrum	28	searleanum	116A
maxwellii	256	psammogenes	169	seimundii	15
melantherum	60	pseudobuxifolium	164	seranicum	214
meliphagidum	22	pseudomurudense	213	sessilifolium	221
micromalayanum	80A	pseudonitens =		sheilae	167
microphyllum	141	commonae	174	simulans	186
mindanaense	266	pseudotrichanthu	123	solitarium	66
mollianum	269	psilanthum	49	sororium	16A
moultonii =		pubigermen	156	spathulatum	10
javanicum ssp.	224	pubitubum	122	spondylophyllum	59
multicolor	219	pudorinum	99	stapfianum	107
multinervium	103	pulleanum	3	stelligerum	39
muscolica	143	purpureiflorum	153	stenophyllum	150
myrsinites	151	pusillum	142	stevensianum	173A
nanophyton	20	pyrrhophorum	181	stolleanum	48
natalicum	104	quadrasianum	25	stresemannii	271
neobritannicum	42A	radians	125	subcordatum =	
neriifolium	40	rappardii	72	longiflorum var.	234
nervulosum	257	rarilepidotum	218	subcrenulatum	194
nieuwenhuisii	163	rarum	42	subpacificum =	
nortoniae	81	renschianum	267	loranthiflorum	135
nummatum	4	retivenium	272	subuliferum	189
obscurum	85	retrorsipilum	134	subulosum	152
oliganthum	117	retusum	1	sumatranum	260
opulentum	58	revoltum	34	superbum	37
orbiculatum	131	rhodochroum	63	syringoideum	112
oreadum	126	rhodoleucum	121	taxifolium	149
oreites	6	rhodopus	228	taxoides	2
oxycoccoides	145	rhodosalpinx	106	thausasianthum	55
pachycarpon	204	rhodostomum	171	toxopei	275
pachystigma	207	ripleyi	179	triumphans	275A
papuanum	176	robinsonii	217	truncicolum	71
parvulum	144	rosendahlii	243	tuba	120
pauciflorum	168	rubellum	74	tuberculiferum	45
perakense	13	rubineiflorum	137A	ultimum	187
perplexum	226	rubrobracteatum	195	vaccinoides	A1
phaeochitum	50	rugosum	198	vanderbiltianum	14
phaeochristum	68	ruttenii	105	vandeursenii =	
phaeopeplum	57	salicifolium	258	vitis-idaea	159

vankii	23	vitis-idaea	170	xanthopetalum	211
vanvuurenii	235	warianum	53	yelliotii	94
variolosum	86	wentianum	231	yongii	199A
versteegii	102	whiteheadii	157A	zoelleri	255
verticillatum	197	wilhelminae	87	zollingeri	92
vidalii	157	williamsii	216		
villosulum	202	womersleyi	138		
vinicolor	76	wrightianum	193		

The three species listed below have been added to the list from the book "Rhododendrons of Sabah" by G. Argent, A. Lamb, A. Phillipps, and S. Collenette. These plants are described by Dr. Argent in the book. *R. baconii* closely resembles *R. praetervisum*; *R. borneense* kind of like *R. bagobonum* but very different scale type; *R. meijeri* has very hairy leaves.

The book also describes seven hybrids some of which are listed as species in the forgoing list, i.e. *R. x coriifolium*, *x fuchsii*, *x keditii*, *x liewianum*, *x planecostatum*, *x sheilae*, and *x silviculum*.

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