



Woolf Orchid Culture

Maudiae Type Paphiopedilums

by John Woolf

Woolf Orchidculture has always been heavily involved with the breeding of the multifloral and Maudiae type Paphiopedilums. Many novelty crosses were also made some of which have produced very good results. These are :-

- Paph. (Maudiae x Shapely)
- Paph. (bouganvilleanum x Shapely)
- Paph. Raspberry Sundae (Dellophyllum x bellatulum)
- Paph. Barry Jefferies (Rolfeii x anghong (greyii))
- Paphiopedilum Barry Jefferies 'Florafest'

Our first maudiae type breeding started when I joined Florafest some 15 years ago with plants such as :-

- Paph. callosum var giganteum
- Paph. lawrenceanum 'Florafest'
- Paph. Maudiae 'Magnificum' (callosum x lawrenceanum)
- Paph. Maudiae 'Florafest' HCC/AOC-QOS
- Paphiopedilum Maudiae 'Florafest' HCC/AOC-QOS
- Paph. Maudiae 'Los Osos' AM/AOS
- Paph. Claire de Lune 'Edgar van Belle'

These are still widely used as parents today after having proved themselves over many years. As a breeder and collector of all genera. I always took careful notice of trends overseas and duly noticed that especially in California the trend was towards the genus we had been most interested in - the genus Paphiopedilum. So there was only one option open to us go to California and see first hand what was happening on the Paph. scene. Our first visit took us to the superb collections of John Hanes Paphanatics.

The Orchid Zone

The Orchid House

Stewarts

Nick Baldasano

FrankHughes

Bob Jones and Rod McLellans and on the way Henrietta Fujiwarra in Hawaii. On subsequent trips we returned to those above as well as visiting others both commercial and hobbyists. During these trips many thousands of plants were purchased as flasks and as flowering sized seedlings and divisions.

Many of the flasks produced disappointing results even though the parents were of high quality with very few seedlings in the 'to Keep' category and even fewer in the 'breeding' category. Amongst the flasks purchased were some species and these produced quality not seen before in Australia with quite a number being introduced to Australian growers for the first time. Some of these were :-



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Paph. barbatum 'Jamboree Plum' x self
Paph. callosum 'Jac' x self
Paph. fairrieanum 'Balinese Dancer' x 'Balinese Beauty'
Paph. lowii 'Malaysian Princess' x self
Paph. lawrenceanum var Hye anum 'Tradition' x self
Paph. rothchildianum 'Eureka' x 'Bion'
Paph. rothchildianum 'Borneo' x 'Charles E Edwards'
Paph. sanderianum x same
Paph. sukhakulii 'Muscles' x 'Galaxy'
and from New Zealand Paph. sukhakulii 'L&R' x 'Albatros'

These along with the selections from the hybrids flowered out of the flasks added new avenues to our program to produce crosses that would give a high percentage of quality clones. So began our quest. Many awards have been given to our seedlings over the past few years and the many award class seedlings that have bloomed on very small plants are sure to gain awards on mature plants. Together with the many plants that already have won at shows around Australia reaching our goal is very near.

Although having been breeding Maudiae's in the Coloratum and Albino forms for some years our first real attempt at vinicolors came via the donation of pollen of a huge vinicolor Paph. Alma Gavaert vinicolor from Norito Hasagawa of Paphanatics. This was placed on Paph. Ernest Read 'Bronze Wings' and the ensuing progeny Paph. Memoria Bill Farquharson have been a tremendous success with a very high percentage of top quality clones that have won many shows and gained several Awards with more to come. The colours range from excellent light bronzy pinks deep rose through to very dark vinicolors.

Vinicolor breeding began with the discovery in Germany of Paph. callosum 'Jac' and Paph. callosum 'Sparkling Burgundy'. These found their way to California where when used with the existing Maudiae types produced grexes such as Paph. Vintner's Treasure a superb parent producing many fine vinicolors. The inclusion of species such as Paph. Ciliolare curtisii, fairrieanum, mastersianum, purpuratum and sukhakulii etc. give desirable features like wide petals, spotted petals, large dorsals, glossy texture and of course different shapes. Of these Paph. sukhakulii can intensify the spots (or warts) to such a degree that the petals take on a 'tar like' appearance which can distort the petals making the blooms undesirable.

Over the years since Paph. callosum 'Jac' was introduced there have been many crosses made and old crosses remade producing some fine clones. Other avenues open to breeders of vinicolors are

(a) The multiflorals with such species as Paph. Rothchildianum, praestans, lowii, philippinense, roebelinnii, adductum etc. and the many multifloral hybrids available that can be bred with the vinicolors. The early Grexes such as Paph. Dorothy Booth need to be improved with larger flatter dorsals being the main area for improvement there are only a few multiflorals like Paph. Transvaal 'Panorama' having a good wide flat rounded dorsal.



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(b) The brachypetals and the parvisepals have produced a few extremely fine clones when mated with the vinicolors. However a large number of deformed plants and blooms appear in this type of crossing except where the natural hybrid Paph. anghong (P. greyii) is used. However those few good clones are well worth the trouble.

(c) The standard complex type crossed onto the vinicolors also produces some desirable clones but don't expect them to be of Paph. Amanda 'Joyance' quality. They can produce strong different red colours and should be used to deepen the colour in our existing red complex Paphs.

One is always surprised by the unusual or should I say 'the nonconforming'. After being told during our visits to American growers that you can judge the depth of colour in the vinicolors by the depth of colour at the base of the plants and going up the leaves with some almost red/purple all over (not 100% however a good guide) we made a cross of Paph. Drayton Ruby (Dragon Ruby x fairrieanum) and these produced no pigment at all in the base or leaves of the seedlings. This was disappointing as I was looking for very fast maturing vinicolor's however some 95% of this cross produced some of the finest glossy black vinicolors I've yet seen. We have since noticed this also occurs where vinicolors are mated with the multiflowering Paph. rothchildianum type species such crosses as Paph. Dorothy Booth.

THE PARENTS in the Albino form

Paph. Claire de lune 'Edgar van Belle'
Paph. lawrenceanum var hyeanum 'Florafest'
Paph. Maudiae 'Magnificum'
Paph. Maudiae 'Rod'
Paph. Maudiae 'The Queen' AM/RHS
Paph. Onyx 'Florafest'
Paph. Onyx 'Drayton'
Paph. Memoria Ken Hill 'Florafest'
Paph. Emerald 'Hanes'

THE PARENTS in the coloratum form.

Paph. Colorbox 'Majestic'
Paph. Dot McNay 'Mirror Image'
Paph. Ernest Read 'Rose Pink'
Paph. Holdenii 'Florafest'
Paph. Luther Slaughter 'David' HCC/AOC-QOS
Paph. Maudiae 'Florafest' HCC/AOC-QOS
Paph. Maudiae 'Los Osos' AM/AOS
Paph. Maudiae 'Braeburn'



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Paph. Memoria Robert Ward 'Top Notch'
Paph. Mario Palmierii 'Jeannie'HCC/AOC-QOS
Paph. Mario Palmierii 'Drayton'
Paph. Onyx ' var Coloratum 'Florafest'
Paph. Treasure Island 'Perfect Pink'
Paph. Via Quatal 'BronzeWings' HCC AOC - QOS
Paph. purpuratum

THE PARENTS in the vinicolor form.

Paph. Alma Gavaert 'Florafest'HCC AOC - QOS
Paph. Black Rook 'Black Velvet'
Paph. Hamana McKuvin 'Black Devil'
Paph. Maudiae 'Florafest's Black Flame'
Paph. Maudiae 'Oxblood'
Paph. Maudiae 'Florafest Queen' AD/AOC-QOS
Paph. Maudiae 'Flaming Ruby'
Paph. Maudiae 'Royal Purple'
Paph. Memoria Bill Farquharson
Paph. Memoria Bill Farquharson 'Elenor' HCC AOC- QOS
Paph. Memoria Bill Farquharson 'Peter' HCC AOC- QOS
Paph. Shady Lady 'Black Swan'

THE PARENTS in other colour shades.

Paph. California Raisin
Paph. Callo-Day x sukhakulii
Paph. Ernest Read 'Bronze Wings'
Paph. Ernest Read 'Bronze Glow'
Paph. Dragon Ruby
Paph. Memoria Helene Colbert
Paph. William Matthews 'Oakdens'



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SOME OF THE SEEDLINGS

Awarded Clones:

- Paph. Drayton Ruby 'Jeannie' HCC-AD/AOC-QOS 1995
- Paph. Luther Slaughter 'David' HCC/AOC-QOS 1995
- Paph. Luther Slaughter 'Florafest' HCC/AOC-QOS 1994
- Paph. Maudiae 'Barry' HCC/AOC-QOS 1996
- Paph. Memoria Bill Farquharson 'Elenor' HCC/AOC-QOS 1995
- Paph. Memoria Bill Farquharson 'Peter' HCC/AOC-QOS 1995
- Paph. Memoria Bill Farquharson 'Rose Maree' HCC/AOC-QOS 1996
- Paph. Mario Palmierii 'Jeannie' HCC/AOC-QOS 1995
- Paph. Supersuk 'Super' HCC/AOC-QOS 1995

Yet to be shown clones:

- Paph. Cinder Cone 'Big Wings '
- Paph. Holdenii 'Florafest'
- Paph. Luther Slaughter 'Lime on Ice'
- Paph. Memoria Ken Hill 'Florafest'
- Paph. (Treasure Island x Maudiae) 'Florafest'
- Paph. Maud Read 'Red Maud' x Holdenii 'Giant Jac'