

## Vanda Yip Sum

*Vanda* Yip Sum is an important parent because, condensed in one plant all the good traits of the superb ancestors, that are described below in detail.

Going back to the *V.* Yip Sum genealogy tree, we have *V.* Gilbert Triboulet (*V. coerulea* x *V. tricolor*). Unfortunately, *V. coerulea* shape is not dominant and *V. tricolor* impart intensity of color and enhance marking from *V. coerulea*.

*V. Faustii* (*V.* Gilbert Triboulet x *V. luzonica*) is a spotted blue of some importance in blue breeding. *V. Flammerolle* (*V. coerulea* x *V. luzonica*), registered by Maison Henri Vacherot-Lecoufle in 1945, also produces bright blue flowers in abundance, emphasizing that *V. luzonica*, after *V. coerulea*, carries more flowers per stem (as many as 19) than any other large flowered Vanda species. (Motes 1988).

Like *V. tricolor*, *V. luzonica* appears in the distant ancestry of a substantial majority (87 percent) of today's strap-leaved Vanda hybrids. Also, like *V. tricolor*, the primary contribution of *V. luzonica* to breeding in the Vanda Alliance has been the transmission of genes that influence flower color patterns and specially the distribution of red pigments and the timing and intensity of activation of those genes. (Grove 2003).

At this point of the generational tree, color intensity, well arrangement numbers of flowers are great. Also, perhaps the positive aspect of fragrance and the flexibility to grow under different condition. What is missing is the expected Vanda round shape and the best candidate of course is *V. sanderiana*.

*V. sanderiana*, used as pollent parent is crossed with *V. Faustii* and then again, as backcrossing mated with *V. Betsy Summer* where the shaped is enhanced.

From fairly early on. *V. sanderiana* was the species of choice when it came to producing Vanda hybrids. Its large, round, flat form tends to be dominant in its primary hybrid offspring, while the flower colors are not. (Grove 2003). The only possible downside using *V. sanderiana* is ruling out the fragrance coming from *V. tricolor*.

Finally adding *V. curvifolia* bring good intense red color with a nice rounded shape in a well flower spaced upright inflorescence. Also, I think enhance the compact habitat of the plant.

## References

- David L. Grove, D. 2003. The Vanda Alliance. Part 2: The Triumphant Trio of Secondary Vanda Species. Orchids Vol 72 (7). 526 – 435.
- Motes Martin. 1988. Unraveling a Rainbow 1. A brief History of Vanda Hybridizing. American Orchid Society Bulletin. Vol. 57. (7). 709 - 718

