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In This Issue

Excerpt from <u>The Eighth Wonder of the World</u> - Lionel Rothschild	Pages 2-4
Maunder's Remembered - Richard Baxter	Page 5
<i>Oncidium tigrinum</i> and its Hybrids complex Ross & Susan Tucker	- Pages 6 - 8
Lost Cows and the Awakening of the Sleeping Beauty - Stig Dalström	- Pages 9 - 16
Hybridizer's Notes - Andy Easton	Pages 17 - 24
Parting Shots	Pages 25 - 29
Orchid Hybrid Registration	Pages 30 - 33

Reprinted with Permission from Lionel de Rothschild, Author and Francesa Murray, Co-Author from "The Eighth Wonder of the World" Exbury Gardens and the Rothschilds.

Lionel and Orchids: Selected Parts of Chapter 5

To a list that includes rhododendrons, camellias, azaleas and magnolias we can also add orchids. In fact, the Rothschild name has long been associated with orchids, and two of the most famous – still – are the rare long-whiskered *Paphiopedilum rothschildianum* and the popular purple *Vanda Rothschildiana*. In the Exbury glasshouses Lionel maintained the family passion for orchids.

In 1928 Lionel was invited onto the RHS Orchid Committee by the chairman, Jeremiah Colman (1859-1942). Colman, of Gatton Park in Surrey, had an extensive orchid collection with over 30,000 species and 25,000 hybrids. Lionel was a natural choice due to his family's long association with the genus and his achievements with his rhododendron hybrids. Lionel soon assumed the position of Vice Chairman of the Orchid Committee. He set about establishing his collection with multiple and large purchases at auction, and from orchid suppliers, of the very best cymbidiums, cattleyas, odontoglossums, cyripediums, miltonias and calanthes, some of which he had brought from Gunnersbury.

There were many unanswered questions about the anatomy and propagation of the genus that fascinated orchid enthusiasts. Lionel wanted to create his own hybrids and multiply them through the so far unproven process of propagation by seed. He was used to a waiting game with his rhododendrons and to achieve this – and claim the scientific and commercial breakthrough – was tempting indeed.

Orchid seed germination had been successfully tested by Lionel's cousin Baron Edmond de Rothschild (1845-1934) at Armainvilliers, near Paris, who, in 1890, had raised the first known artificial odontoglossum hybrid, *Odontoglossum Leroyanum*. He followed the wisdom of Noel Bernard (1874-1911), a French scientist who had discovered the phenomenon of the symbiotic germination of orchids.

Baron Edmond had a laboratory at Armainvilliers, where a secret formula of carrot juice, sugar and *agar agar* (seaweed) led his head gardener to claim that these were the first aseptic trials of their kind with orchid seeds.



The Laboratory of the Royal Mint Refinery, where Lionel grew orchids, in use for more regular business in the 1950s

Other methods considered by Lionel were the Burgeff formula, based on the findings of Hans Burgeff (1883-1976), a German botanist who experimented with orchid seeds and mycorrhizal fungi, and the American Lewis Knudson's (1884-1958) successful non-fungi formula. In England, notable members of the RHS Orchid Committee, Baron Bruno Schroder (1867-1940) and Frederick Hanbury (1851-1935), were trialling orchid seed germination in their private laboratories. Trade suppliers were experimenting in symbiotic germination too. However, the reality was that no one was near to a definite process.

Lionel was able to use a spare laboratory at the Royal Mint Refinery (RMR) for his first orchid experiments. The Refinery's chemical processes and testing were perfectly aligned with the sterile environment needed for orchid seed germination. The Rothschilds had operated the bullion refinery near Tower Bridge since 1852 and it was a thriving business. After the death of Charles Rothschild in 1923, Lionel and his younger brother Anthony had taken control and improvements were carried out – including new laboratory space.

Although no photographs remain, the carefully

written laboratory germination procedures allow one to imagine the professional set-up of Lionel's orchid laboratory. Williams, his 'good chemicals man', was given the task of carrying out the trials with the different formulas. Orders for chemicals were placed through the Refinery account books and seeds were obtained from trade suppliers in exchange for the subsequent seedlings. The results were recorded in an 'LR'-filled studbook. Once at seedling stage, the plants were carefully taken down to the Exbury orchid glasshouses that were soon burgeoning with new orchid hybrids flowering on a grand scale.

Benjamin Hills (1884-1960) had worked for 17 years under H. G. Alexander (1875-1972), the orchid grower for Sir George Holford (1860-1926) and the man who was responsible for one of the most famous cymbidiums of all time, *Cymbidium Alexanderi* 'Westonbirt'. Lionel was delighted to have obtained Hills' services, enabling him to fast-track orchid cultivation at Exbury. Hills would give 22 years of service to Exbury and grew hybrids 'in the old-fashioned way', while his daughter Evelyn (1915-2009) raised thousands of plants in the orchid laboratory.

The orchid experiments continued at the RMR until 1933 when the whole operation was moved down to Exbury. Williams visited the laboratory in the July of that year and recorded that the newly installed electric heating equipment at Exbury was far better than the Refinery's gas.

Exbury's award-winning collection included those of other people, like *Cymbidium* Apollo and the renowned tetraploid, *Cym. Rosanna* 'Pinkie' from H. G. Alexander or *Cym. Swallow* from Sanders of St Albans (the extraordinary family firm of Sanders were to orchids as Waterers were to rhododendrons). These and Lionel's own lovely hybrids, like *Cymbidium* Balkis (using *Cym. Rosanna* 'Pinkie') and *Cym. Nan Kham*, were hailed as 'example[s] of his exceptional skill from which every cymbidium enthusiast has benefited'.

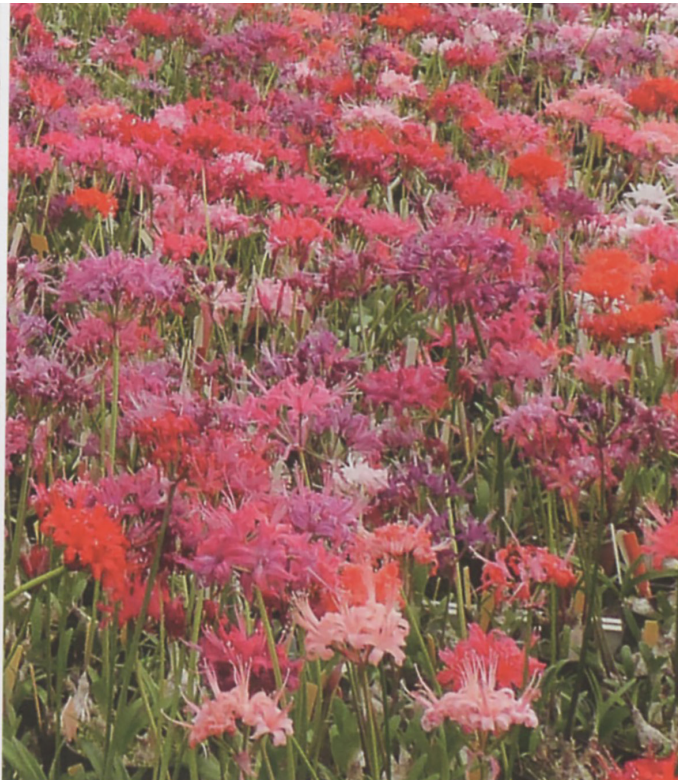
The emerging importance of science cannot be overstated. Many cymbidiums at the time were diploids, having two chromosomes, characterised as having a more free-growing habit, more flowers per spike and more variety of colour types. Tetraploids,



One of Lionel's prize-winning orchids,
× *Laeliocattleya* Mrs Medo 'Stonehurst', painted by
Nelly Roberts

having four chromosomes, were rarer: in addition to *Cym. Rosanna* 'Pinkie', *Cym. Alexanderi* 'Westonbirt' was also one. They tended to have fewer but larger flowers and, of course, having twice the chromosomes of their diploid counterparts could exert twice the genetic influence. Most modern cymbidiums are the result of mating tetraploid with diploid, thus getting the advantages of both, albeit that the resulting triploids are themselves usually sterile. As with his rhododendrons, Lionel delighted in showing his orchids, mounting spectacular displays and winning many cups and medals from the RHS, as well as numerous AMs and FCCs for individual plants.

The orchid collection at Exbury was extraordinary but Exbury also excelled in the growing of other glasshouse plants. The collection of hippeastrums, for instance, resided in a glasshouse of its own; they were referred to by Lionel, in common with others at the time, as "amaryllis". Botanically this term is now reserved for outdoor plants of South African origin and "hippeastrum" for indoor plants of South American origin, like these. It was 'believed to be the very best in the country', due to Lionel's ingenuity in obtaining the brilliant Westonbirt collection (possibly through Hills), so all of his best hybrids had Holford bulbs as a parent. Lionel crossed these with those



Paphiopedilums in Lionel's day; nerines today

of his uncle Alfred from Halton. To show them at their most floriferous he would retard the plants so they would flower for the Chelsea Flower Show in May, choosing from the 1,100 flowering bulbs of his own making; a particularly lovely one named after his daughter Rosemary was shown in 1931. He also made a handful of crosses with clivias and daffodils and considerably more with the lovely South African bulb, *Nerine sarniensis*.

These nerine hybrids came into their own after the war and it is on them that Exbury's glasshouse fame now chiefly rests. However, in Lionel's day it was orchids: the glasshouse collections would eventually total some 28,000 orchids in 1940, of which 19,000 were cymbidiums and the rest comprised odontoglossums, miltonias, cattleyas, vandas, phalaenopses, paphiopedilums (then called cypripediums) and odontiodas.

The arrival of World War II spelt the end of orchid-growing. Economies were made, fuel rationed, glasshouse staff went to war and growing vegetables soon became a priority over growing flowers. Lionel was keen to find an American buyer for the whole lot or even the larger part, but the price offered was

not good and perhaps he was unconvinced that a new owner would look after his orchids in the way he had. He therefore reluctantly made the decision to break up the collection. Many were given to Kew and many more were auctioned by Protheroe and Morris in April 1940, with proceeds going to the Red Cross. Approximately six hundred were sent to the Queen. Enough remained – paphiopedilums, cattleyas and above all cymbidiums – to mount good exhibits at the shows even in the 1950s, but the collection was gradually sold and wound down, coming to an end in the 1960s. Like his father before him, Eddy decided that the rhododendron garden came first.

Maunder's Remembered

Richard Baxter

When I began my journey with orchids in the mid 1980's I joined my local Society where I first met Dr Cedric and Silvia Maunder. Cedric and Silvia soon noticed my keen search for knowledge and reacted with what I was to find was their never ending willingness to share their vast knowledge and experience. Quite soon the couple had become my long term mentors, sponsoring me through the British Orchid Council (BOC) judging scheme and mentors, sponsoring me through the British Orchid Council (BOC) judging scheme and even talking me into serving as Secretary of the BOC for several years.



When Cedric died in 2012 I was privileged to write his obituary for the RHS Orchid Review, then my close contact with Silvia endured. Sadly Silvia died in July 2021. It is difficult to itemise individual achievements when this couple worked so closely together. I am grateful to David Menzies for allowing me to include one of his images of Cedric and Silvia.

Their lifelong passion for orchids began following wartime military service postings in Singapore. Then locally in 1976 they were early members of the newly formed Sheffield & District Orchid Society where later Cedric became a Vice-President. When nearby Harrogate Orchid Society was formed they were also quick to join. The reputation of Cedric's knowledge

including several cultural guideline papers was soon recognised at National level, as was his specialised knowledge of *Odontoglossums*. As Chairman and then a vice-President of the British Orchid Council, between 1985 and 2000 he and Silvia were instrumental in developing the now Internationally recognised BOC orchid judging scheme. During that time Cedric also researched and produced a composite list of natural orchid genera families and hybrids, updated versions of which still form the nucleus of to-days judging classifications (see <https://docs.google.com/viewerng/viewer?url=http://www.british-orchid-council.info/Docs/OrchidGeneraApril17.pdf>). Both Cedric and Silvia served on the RHS Orchid Committee and both were advisors to the Eric Young Orchid Foundation in Jersey.

It was the Maunder's encouragement and enthusiasm which triggered my interest in *Oncidiinae*, and *Odontoglossums* in particular, and over the years we shared interesting plants. Cedric and Silvia are commemorated in several individual orchid hybrids, particularly in the multi-generic hybrid Maunderara (*Mnda.* - *Ada.* × *Cochlioda* × *Miltonia* × *Odontoglossum* × *Oncidium*) registered by George Black in 1995.

For me, with Silvia's passing I have lost the last my two greatest orchid friends, mentors and supporters. I am left with an enormous sense of gratitude for all the experience and knowledge they shared so freely with me. Probably the most important lesson which Cedric and Silvia drilled into me was the need to "understand" the plants. It was not good enough to decide whether one flower or plant was better than another, but to observe and consider how that particular plant "could and should" be performing.

As a footnote, I do have one lasting legacy in my greenhouse - a real heritage hybrid which Silvia shared with me - *Oda. Iddo* (*Oda. Chanticleer* × *Oda. Peaseblossom*) which was first registered in 1943. I have never seen this hybrid in cultivation so I await flowers with special interest.

Oncidium tigrinum and its Hybrids

Ross & Susan Tucker

This is far more complex than just one short article about this very interesting species and its progeny. *Oncidium tigrinum* is only found in Mexico, on Pacific facing slopes between 1600m-2500m. A cool to cold growing epiphyte. Flowers are loosely branched on 90cm long spikes with long lasting flowers. Petal and sepals yellow with brown/red bars and a dominate shovel shaped yellow lip.

There are several similar species, e.g. *Oncidium unguiculatum*. However what sets it apart is its vanilla scented flowers and pure yellow green colour. It can often be confused due to the numerous name changes.

Currently there are over 170 F1 hybrids with over 57 of these hybrids awarded – a very impressive result at a parent.

The influence and progeny extend far beyond this article and interestingly will be still an influence in the years to come of growing *Oncidium*s in NZ.

When growing orchids you choose a type of orchid which you can grow well in your conditions. *Odontoglossum*/*Oncidium* were one of my favourite because they grew easily produced magnificent flowers in an amazing range of colours all year round - what more do you want from an orchid?

Like many growers, when I started there were very few of these types available and those who had them had a waiting list for divisions (usually marked on the back up the label). Often you could see 5-6 names ahead of you so that would be a minimum of 5-10 years before your name came to the top and your piece of plant arrived.

So I looked for alternatives to acquire this type of orchid - it was much easier to import plants from England back then than it is today.

So we imported shipments of 500 plants at a time and a few hundred flasks for many years to acquire the *Odont.*

In these shipments there were always a few hybrids of *Onc. tigrinum*. Some of the early varieties that

even today would command attention are *Wilsonara* (*Oncidium* × *Odontioda* × *Odontoglossum*) (now *Oncidium*) Nicola Jane and *Wils.* (*Onc.*) Bardot. Both early hybrids and have had multiple awarded clones.



Oncidium tigrinum



Wilsonara Nicola Jane 'Pupuke' HCC/OCNZ

Wils. Bardot 'Charles' should have been granted a First Class Certificate (would have been in any other country but NZ), still one of the best hybrids of *Onc. tigrinum* var. *unguiculatum* or *Onc. unguiculatum* today that I have seen to date.

The next sightings of *Onc. tigrinum* hybrids were 1980/1990's produced mainly from Golden Gate Orchids USA and Geyser Land (NZ). These predominately were coloured yellow and brown bars petals and sepals.

There was an amazing variety of crosses made. Of the most spectacular was *Onc.* Golden Trident (*Odm. bictoniense* and *Onc.* Tiger Hambühren). Even today we are able to flower it with a 2 metre spike and hundreds of flowers.

As a parent *Onc.* Tiger Hambühren was used extensively by Geyserland both clones of Tiger Hambühren 'Micky' and 'Minnie' we now have acquired to keep some of this parent material alive. These produced very dominant colour ranges of yellow/brown heavily blotched flowers with usually strong large lips which grew into rather large plants with strong multi spiking bulbs and usually long (15-20 flowers) flower spikes.

Some of the other progeny of *Onc. tigrinum* we have seen are *Onc.* Tigrsette (*Onc. tigrinum* x *Onc.* Carissette) *Onc.* Purbeck Gold (*Onc. tigrinum* x Gold Cup). Along with now over 1000 offspring including some % of *Onc. tigrinum*. Many we have not yet seen.

Moving forward to more modern hybrids from *Onc. tigrinum*, of late has been *Onc.* Carolyn Woolf, which originated from John Woolf Orchids Australia, and one of his many trips to NZ as a couple of flasks were left behind. These again have the usual colour range of *Onc. tigrinum* - yellow/red banded flowers large spikes but with impressive shape and flower count. Currently we have had several of this hybrid awarded over the last few years.



Wilsonara Bardot 'Charles' AM/OCNZ



Wilsonara Carolyn Woolf 'Susan' AM/OCNZ



Odontocidium Tiger Hambühren



Odontocidium Golden Trident 'Emily' HCC/NZOS

Although we have grown many *Onc. tigrinum* hybrids over the years, I always look for variations in colour from its progeny.

One result has been near black coloured flowers with two standouts. One has been *Odcdm. Tiger Mac* (*Odcdm. Tiger Butter* × *Odm. maculatum*) with the clone *Odcdm. Tiger Mac 'Mona'* AM/NZOS should probably be given a higher award to recognise its shape and colour. The most interesting hybrid, although not an F₁ hybrid, is *Alexanderara Hec Hazelwood* quite a complex hybrid but with *Onc. tigrinum* featuring in the recent background and producing another red-black orchid.

I recently reacquired these to continue these lines of breeding and produce more interesting results. Looking to the future for *Onc. tigrinum*, I believe the dominance of red and brown bared petals and sepals with a yellow lip will remain for many progeny but like illusive change of colour for many new hybrids will give *Onc. tigrinum* a new lease of life and something further to look forward too.

We grow our *Onc. tigrinum* and hybrids in a purpose built area in Auckland. The location is frost free although we can get down to 0-1°C. We have both 50% and 30% shade cloth over the plants as we found

the light levels too high and creating red pigment in the leaves. We constantly feed our Flowering Orchid Tucker (high potassium mix) to our plants as they are mature enough to flower. It also helps them to flower all throughout the year.

The most worthwhile device we have in use with our Oncidiinae is a balance arm water sensor system designed to tell the watering system to turn on and off automatically. We use very fine mist spray nozzles to apply our water/fertilizer mixture as required 24 hours a day, 7 days a week all year round. It has helped created some very large, well-grown mature *Onc. tigrinum* and its hybrids.

All of our Oncidiinae are deflasked into NZ sphagnum moss and after about 6 months are transferred into #2 Kiwi orchid bark. About one year later they are then planted up into their final pot (using #3 Kiwi orchid bark) to flower out leading us to evaluate the results of the crossings.

Due to an upsurge of demand for orchids (including Oncidiinae), we have recently imported over 20,000 Oncidiinae orchids. These are to be released later this year (2021) and include many *Onc. tigrinum* hybrids that we will see flower in the next 2 – 3 years. So the *Onc. tigrinum* story never ends...



Odontocidium Tiger Mac 'Mona' AM/NZOS



Alexanderara Heck Hazelwood 'Bayswater'
HCC/OCNZ

Lost Cows and the Awakening of the Sleeping Beauty

Stig Dalström

Once upon a time when traveling was easier and plant collecting was not such a controversial issue, I visited Bolivia together with some friends. It was a dream come true. I had listened to so many stories by other orchid people about the dramatic landscape, the crazy traffic and horrific roads that I simply could not wait any longer to take part of the adventure. I was not to be disappointed. Bolivia is geographically and geologically a very diverse country from snow covered peaks, high altitude salt deserts to impenetrable cloud forests and lowland jungles. And roads clinging to unstable and slippery mountain slopes with moderate success. In some areas the traffic rules dictated that the driver of the largest vehicle should decide which side of the road the chauffeur wanted to drive on. This became rather hilarious when we realized that there was hardly enough space even for one small vehicle in some places.

Bolivia is also a botanically rich country and the orchid diversity is no exception. Many new species have been described in the last fifty years or so, and some of them are quite spectacular. I coincidentally came across one of these in the form of a “Sleeping Beauty” in the herbarium of The Marie Selby Botanical Gardens in Sarasota, Florida, when I first visited the place in 1981. I was searching for specimens of *Odontoglossum* Kunth, in what had already turned into a hungry quest for information about this and closely related groups of plants. So, I was going through a pile of herbarium sheets when I happened to see something that caught my attention. A long and wiry inflorescence with large and apparently quite beautiful golden yellow flowers were mounted on a sheet. I tried to identify the plant and gave it a tentative name, but suspected that it really was a new species. The Bolivian orchid authority Roberto Vásquez had collected the plant in the Chapare region somewhere along the road to Tablas Montes, east of the city of Cochabamba. This was an area that had already become famous for its richness in new orchid discoveries. When I finally made it to Bolivia I therefore knew exactly where I wanted to go, and somewhere in the back of my mind

I saw a long wiry inflorescence with golden yellow flowers swaying in the wind high up in an epiphyte laden tree. The journey had already provided some considerable challenges and I surely had gotten my money’s worth of adventures. We eventually made it safely to the Tablas Montes area where active logging was going on and we suspected already then that it would not take long before all the forest would be gone. On one particularly dreary morning, due to some bad food poisoning the evening before, we parked the car in the muddy ditch and prepared ourselves to get soaked. It was a gray and drizzling day that captured our moods very well. Suddenly a miserable looking man stepped out of the mist in front of us. He looked like he had “sold the butter and lost the money”, so we asked how he was doing. It turned out that it was not so much the “butter” that worried him, but rather the producer of it. He had lost his cows and could not find them. His eyes narrowed and he said that he suspected his neighbor of foul play. He then angrily hit the mud with a stick and made a big splash. When he had calmed down a bit, he asked us what we were doing there. We told him about threatened orchids and how sad it was that the forest was disappearing so fast due to clear-cutting and burning. He seemed earnestly concerned and wished us luck. We shook hands and I wished him luck in finding his cows.

The day produced some interesting discoveries and our camera shutters rattled away. When we later returned to the car, we were rather pleased with ourselves. Then the melancholy cowboy appeared again, dragging a huge orchid plant with him. He asked us what it was and if we wanted it. I told him it was a *Cyrtorchilum* orchid but without flowers there was no way of knowing which species. I had my suspicions though, and offered to pay for the plant, but he adamantly refused to accept money and just handed over the load. I realized that I could not bring the plant back with me so I decided to give it to somebody else who could grow it and later tell me what it was. Years later, when I finally saw some photographs of the flowers, I got excited. It was the “Sleeping Beauty” from Selby Gardens without a doubt. By then I was convinced that it really was a new orchid species, but what to do about it?

Some additional years later the “Sleeping Beauty” was

still snoring away in the Selby Gardens herbarium. I had never gotten around to describe it even though I was perfectly convinced that it represented a new species and needed a name. At this time the political “post-kovachii” climate at Selby Gardens was under pressure from the board, with an unstable employee environment and no sensible direction of where the Gardens should go or how to get there. One day the flustered director came to the research department asking about a rumor he had picked up. Somebody had told him that Selby Gardens was going to auction out the naming opportunity of an orchid! I was not an employee at the time, only a Research Associate, but I participated in the daily activities and knew much of what was going on in the department, and this rumor was new to me. Nobody else in the department seemed to know anything about it either. Neither did we know where the rumor had come from. It had already reached the media, apparently, so something had to be done, and very quickly. The director knew he had to kill this rumor immediately, unless, of course, we would be able to find an undescribed orchid...? I recognized the opportunity and decided that this was the time when the “Sleeping Beauty” had to wake up and go to work. I therefore told the director that we did have something that might solve the problem. He was slightly hesitant and probably a bit nervous, but he gave me the go-ahead permission after I had explained what I had in mind. In short order a description was authored, an illustration was made and the paper was ready to be published in *Selbyana*, Selby Gardens’ scientific journal. Then we just needed the name of the person who hopefully would pay for the naming rights. The auction took place during the Orchid Ball, the biggest annual fundraising event at Selby Gardens. The staff in the research department had heard about very successful auctions around the Globe where naming rights of animals and plants had been sold to rich individuals for enormous sums of money. We were therefore hopeful that our department would get some good publicity and a nice financial bonus from this. Unfortunately, the people who were supposed to handle this debacle denied us to take part of the event since scientists “don’t know anything about financial matters”, and that was that.

The auction took place at the event and the naming rights went rather quickly to Dennis and Graciela

McGillicuddy for \$ 3000. The research staff was greatly disappointed. It did not get any better when Mrs. McGillicuddy approached us later on saying that we surely did not know much about fund raising! Her husband would have paid a lot more for that orchid, she added. For some reason the auction never took off as we had anticipated, and we had also expected the starting price to have been set much higher. The people who ran the auction didn’t know anything about orchids and apparently had no particular interest either. It really was a great disappointment and no extra financial support was ever funneled to the research department, as far as I remember. But at least the “Sleeping Beauty” had a name honoring an attractive Colombian lady. *Cyrtochilum graciela* Dalström was described in *Selbyana*, in July of 2006.

Acknowledgment

I wish to thank Wesley Higgins for his unfailing support and great comradery over the years, and for his constructive comments on my manuscripts.



The type specimen of *Cyrtochilum gracielae* Dalström, R. Vasquez 436 (LPB).
 Photo by Stig Dalström.



The infamous Yungas road where the driver of the biggest vehicle decides on which "side" of the road he/she wants to drive.
 Photo by Stig Dalström.



Landslides in the corrugated Andean landscape are common during the rainy season.
 Photo by Stig Dalström.



Looking for orchids in Bolivia can be a challenge.
Photo by Stig Dalström.



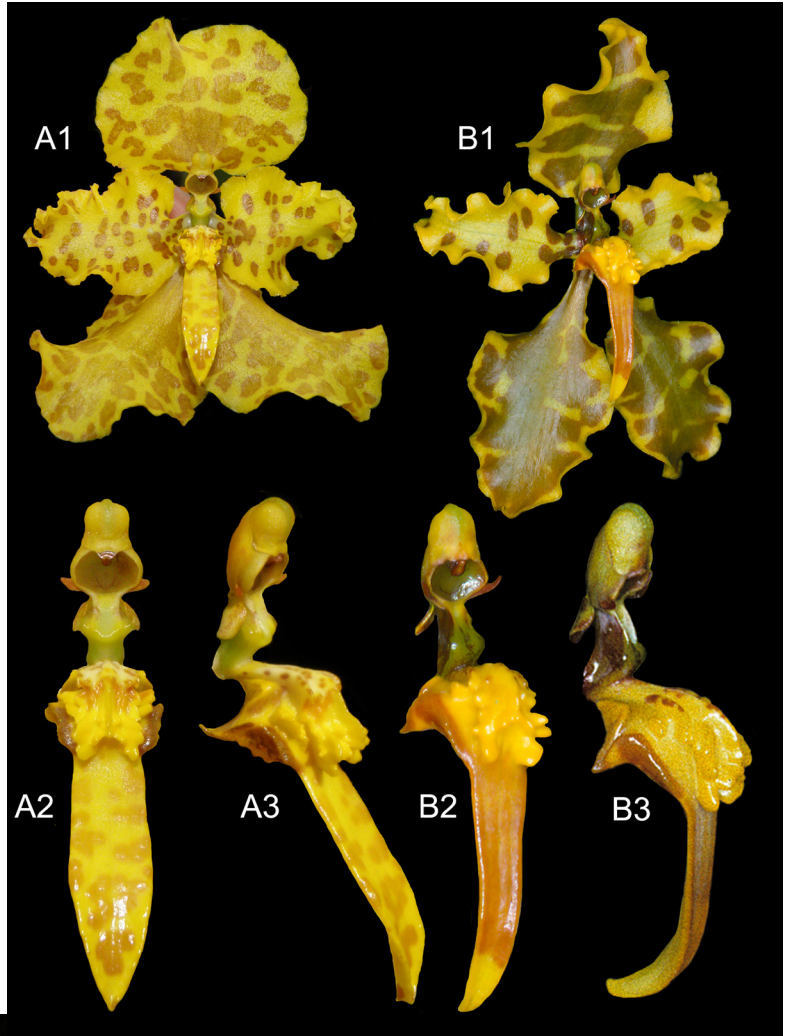
The dense cloud forest of Chapare, Bolivia.
Photo by Stig Dalström.



The melancholy owner of the lost cows brings a present.
Photo by Stig Dalström.



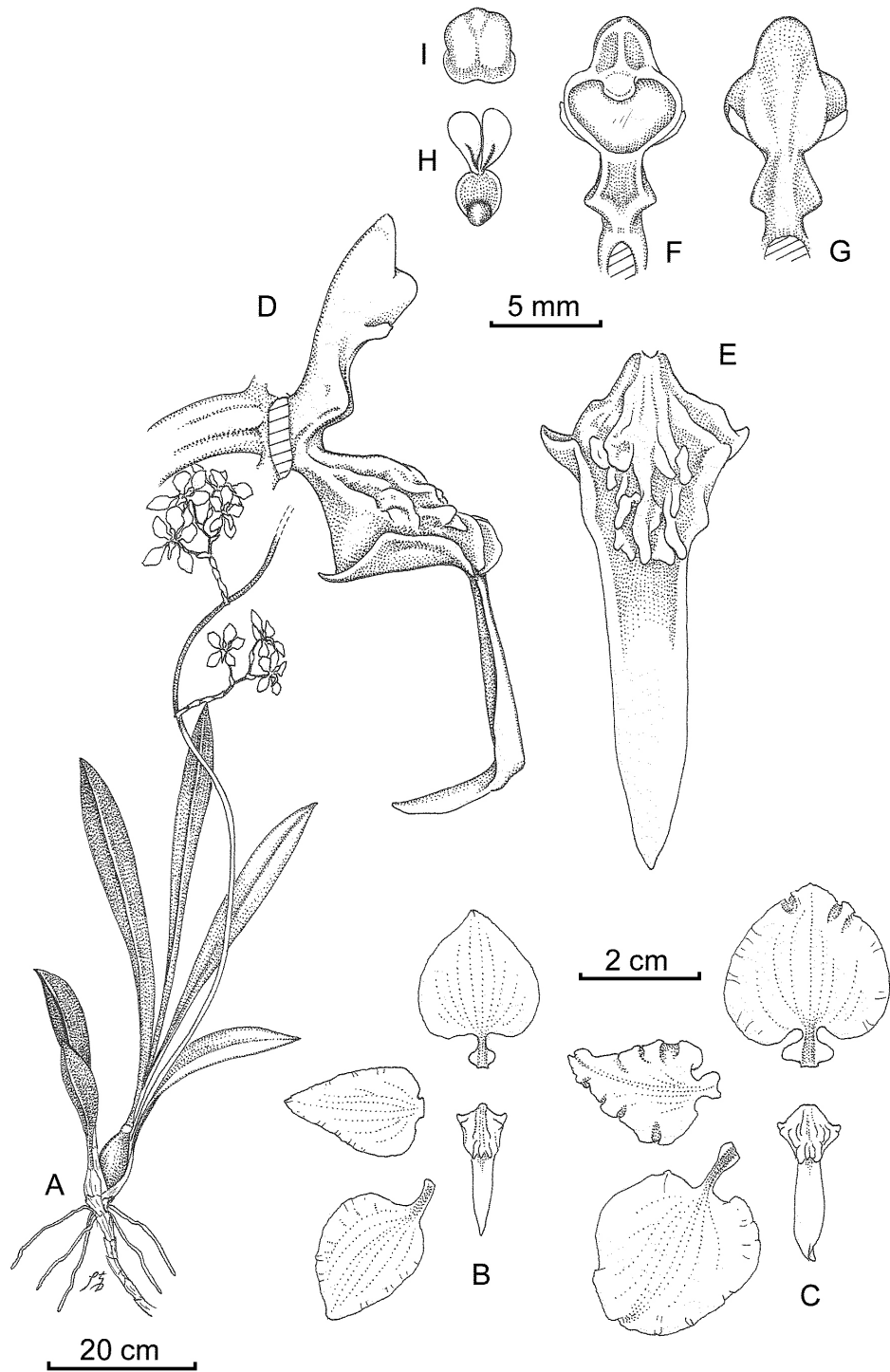
The first blooming of the “*vacas perdidas*” *Cyrtorchilum*, which eventually became *C. gracielae*, but with a question mark.
Photo by Stig Dalström.



Flowers of the two cultivated plants of what originally was identified as *Cyrtorchilum gracielae*. But perhaps the flower on the right is something else?
Photo by Stig Dalström.



A second plant from Chapare in flower of what matches the true *Cyrtorchilum gracielae*.
Photo by Stig Dalström.



Cyrtorchilum graciellae Dalström. A: Plant habit. B: Dissected flower from the top of the inflorescence. C: Dissected flower from the base of the inflorescence. D: Lip and column, lateral view, from flower "B". E: Lip dorsal view from flower "B". F: Column frontal view, from flower "B". G: Column back view, from flower "B".

H: Pollinarium from flower "B". I: Anther cap from flower "B".

Drawn from the holotype by Stig Dalström: *R. Vasquez et al.* 436 (LPB).

Note the distinct differences between the two featured flowers from the same inflorescence!



The only known distribution of the colorful *Cyrtochilum gracielae*. Map by Google.

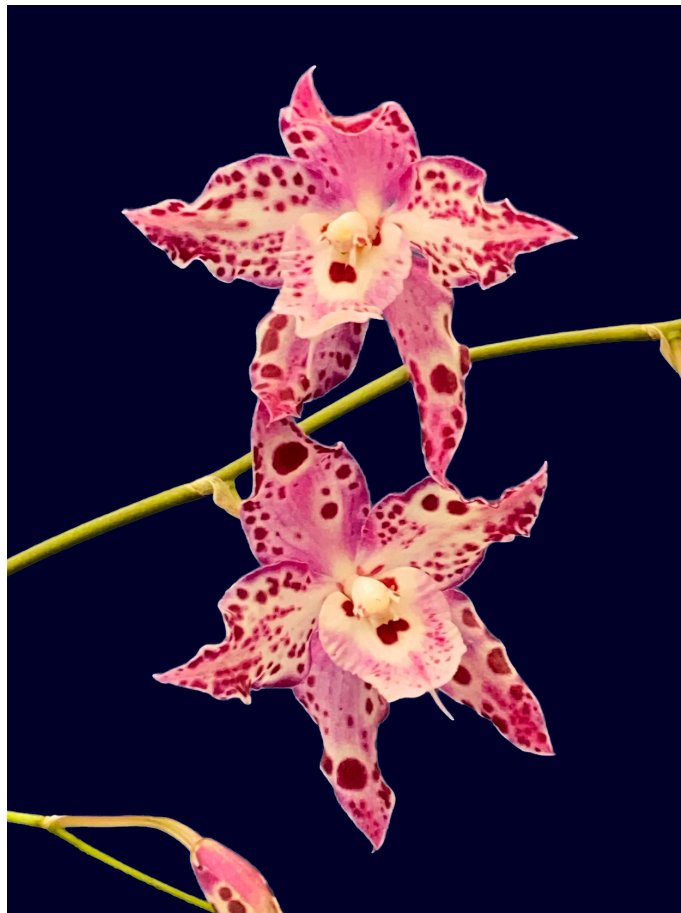


The natural habitat at Tablas Montes was badly deforested when the original trip by the author took place. Very recent information has told the author there is no forest left in the area, as of January 2024. Photo by Stig Dalström.



Wilsonara Kendrick Williams hybrid

Typical of this cross which was extremely consistent. However nobody seems to have bothered to register it yet. Symptomatic of the great decline in classical Odont Alliance lines around the world unfortunately. Any tired old re-clone from Hawaii gets peddled at various orchid shows in the US while interesting new hybrids in classic lines are ignored.



Oda. Prince Shelley 'Pinhkal'

Unusual varietal name, presumably triploid as I don't believe *Oda. Shelley* is only seen in the diploid form. Maybe I'm hyper-critical today but this does nothing for me! I love most *Oda. Prince Vultan* 4n hybrids but this one lacks the zing I would expect.



Oda. (Ingmar × Queen River 'Hawk Hill')

A Robert Hamilton (RH) classic but again, surprisingly no registered offspring. Does the plant make seedlings, has anything interesting appeared in its progeny? I hate when Odonts are posted on Facebook and the ignorant chime in with comments like "Wow!" and "Beautiful!", made by commentators that neither grow one Odont Alliance plant nor are likely to seek any!



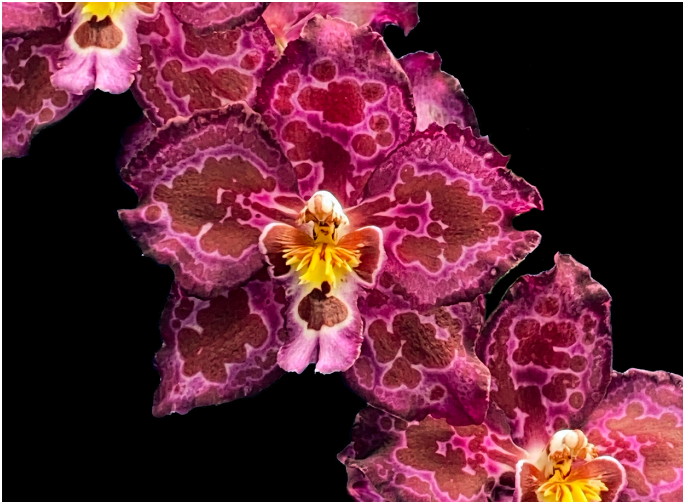
Odm. Excellens 4n

This oryzalin-treated primary is very interesting. With previously awarded clones being triploid, this one can move the yellow influence of *Odm.* spectatissimum forward in some interesting directions. I think it is noteworthy that only two *Odm.* Excellens hybrids have been registered in the last 96 years! Exciting!



Oda. Pesky Trance × *Odm.* (Jim Mintsiveris × Doctor Tom)

Maybe I'm becoming too picky but although the shape is good, I would have hoped for more "black and white" character in this seedling. *Odm.* Jim Mintsiveris is well known for passing that trait forward and *Odm. pescatorei* is half of *Odm. Pesky Trance*. It would seem that the *Odm. Doctor Tom* has bleached out the contrast one might have expected in this seedling.



Oda. March Ahead '9391'

Interesting though typical Joe Marshall offspring and the lips is a bit ordinary. Time for this line to bounce ahead, maybe it needs a shot of *Odm Jim Mintsiveris* to create some bold color contrast?



Odm. nobile 'Excelsior',

from the sib-crossing of *Odm. nobile 'Lyoth Delight'* × *Odm. nobile 'Lyoth Clown'*. There can never be too many plants of select *Odm.* species as they surely are endangered in nature as well as private collections.



Cyrt. macranthum 'Rustic Perfection' 4n

From Bob Hamilton's Oryzalin treatment, this would be the most spectacular *Cyrt. macranthum* I've ever seen. Surely an FCC when well grown and a parent of great promise. Is there any chance of it being crossed with a tetraploid *Mps. vexillaria*, I seem to remember a *Mtdm.* Maxine that surely should be remade!



Odcdm. Tiger Hambuhren × *Odm.*
Wearside Sunshine

A Robert Hamilton (RH) seedling first blooming to remind us how good the Tiger Hambuhren progeny are and how they've been stupidly neglected for the past two decades. Super vigorous!



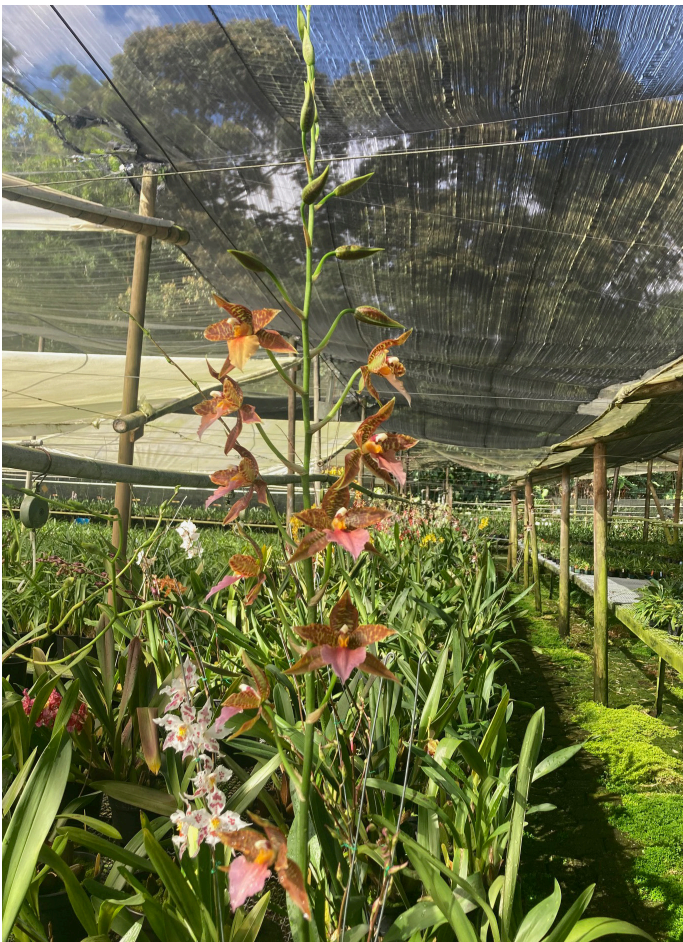
Wils. Ruth Rowe 'Breakthrough'

Exciting first bloomer of a hybrid between *Wils.* Sandro Cusi and an alba Odont *Oda.* Avranches. First blooming in a 4" pot so any movement towards alba *Wilsonaras* must be very exciting both commercially and for enthusiasts.



Beallara Pauline Smith alba × *Oda.*
George McMahon

First to bloom, in a 3" pot. A new warmth tolerant line that will hopefully give us an alba percentage too.



Odm. Veiled Beauty 'Patty' 4n

This primary hybrid between *Odm. bictoniense* album and *Odm. candidulum* album is the essence of vigor. Self-erect inflorescence with 20 blooms and several pods already germinating at the Lab. If Odontoglossums are going to regain hobbyist enthusiasm it will be through seedlings from parents like this.



Odm. Extraria

Odm Extraria (*Odm. crispum* 'Xanthotes' × *Odm. laeve* alba) in its alba iteration was bred by David Stead back in the wonderful Mansell and Hatcher days. These four pictures show some first generation *Odm. Extraria* progeny. The line is extremely floriferous and quite vigorous for an alba type. One has to wonder whether either of the two parents have survived in cultivation and maybe not too many of the alba Extrarias are circulating either. Plants exist in the US and Colombia but probably are extinct in Britain by now. It's sad how these treasures are so easily lost.

A series of Extraria derivatives



Oda. (Queenevais x Extraria)



Oda. (Extraria x Augres) TB This 1st seedling bloomed by Tim Brydon in a 2" pot.



Oda. (Samares v alba x Extraria)

Parting Shots

The following photos have been submitted by members for your viewing pleasure. Anyone can submit photos to share with others. They can be sent as an email attachment to: jjleathers@comcast.net



Oda. Gleniffer 1 (St Clement x Jim Mintsiveris)
Luke Callahan, Aberdeen, Scotland



Oda. Gleniffer 2 (St Clement x Jim Mintsiveris)
Luke Callahan, Aberdeen, Scotland



Oda. Gleniffer 3 (St Clement x Jim Mintsiveris)
Luke Callahan, Aberdeen, Scotland



Oda. St Clement
Luke Callahan, Aberdeen, Scotland



Oda. (Joe's Drum x Pesky Trance) First Bloom!
Bill Robson, Santa Barbara, California US



Oda. (Joe's Drum x Pesky Trance) First Bloom!
Bill Robson, Santa Barbara, California US



Odna. (Joanne Whitney x Burning Bed)
Bill Robson, Santa Barbara, California US



Wils. Vultan's Gem 'SO Paisley'
Robert Culver
Normandy Park, Washington, USA



Oda. Daddy Andrew Frank
Robert Culver
Normandy Park, Washington, USA



Mps. J.M. Black '5 Light Color'
Robert Culver
Normandy Park, Washington, USA



Vuy. Celtic Sun
Jim McCully, Hilo, Hawaii, USA



Oda. (Aviewood FCC x (Blue Poole x Torlana)
x Peter Timoney)
Tim Brydon, San Francisco, California USA



Oda. (Avraches x Victoria Village)
Tim Brydon, San Francisco, California USA



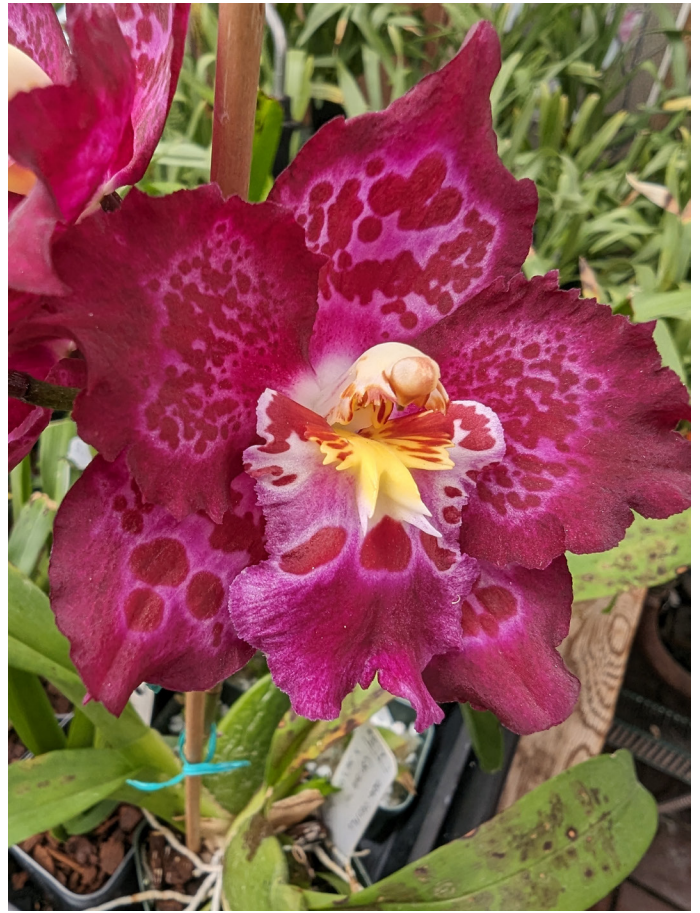
Oda. (Kendrick Williams x Florence Stirling)
Tim Brydon, San Francisco, California USA



Oda. (Jim Mintsiveris x Shelley)
Tim Brydon, San Francisco, California USA



Oda. Oedipus
(*Oda. St. Joe* x *Joes Drum*)
Tim Brydon, San Francisco, California USA



Oda. Oedipus
(*Oda. St. Joe* x *Joes Drum*)
Tim Brydon, San Francisco, California USA

Orchid Hybrid Registration

The following pages contain a printout derived from the fields of a the *Odontoglossum* hybrid registration system, wikiregistration.com. This database is the creation of Robert Culver, an IOAJ contributor. Currently, it is specific to *Odontoglossum*-containing hybrids. It uses historic naming conventions begun by Frederick K. Sander in *Sander's Complete List of Orchid Hybrids*. By retaining classic genera names, most used for more than a century, continuity and lineage searches remain tenable.

New registrations via wikiregistrations will be published in future issues of this journal with complete data available at: <https://wikiregistration.com/>

IOAJ readers who want to register hybrids via wikiregistrations will find instructions on the website: <https://wikiregistration.com/>. There are no registration fees. Implicit with any registration is the granting of permission for anyone who wants to register a hybrid with RHS as long as the wikiregistration hybrid information is appropriately retained.

Name	Parentage					Registered By	
	Tom Miranda	<i>Odm.</i>	<i>cirrhosum</i>	×	<i>Oto.</i>	<i>candelabrum</i>	Ivan Portilla - Ecuagenera
ALEXANDERARA	Joe's Pagan	<i>Mclna.</i>	Pagan Lovesong	×	<i>Oda.</i>	Joe's Drum	Juan Posada - Colomborquideas
	No Serenade	<i>Mclna.</i>	Serenade	×	<i>Oda.</i>	Castle de Noez	Andrew Easton - New Horizons Orchids
BURRAGEARA	Hot Poker	<i>Burr.</i>	Living Fire	×	<i>Cda.</i>	<i>noezliana</i>	Andrew Easton - New Horizons Orchids
	Tiger Lily	<i>Vuyt.</i>	Celtic Sun	×	<i>Odcdm.</i>	Sunburst	Robert Culver
CHINKOVSKYARA	Wild Gerardus	<i>Grd.</i>	Golden Emperor	×	<i>Oda.</i>	Wilda Bullard	Andrew Easton - New Horizons Orchids
COLMANARA	Catatonic Trance	<i>Colm.</i>	Catatante	×	<i>Odm.</i>	Pesky Trance	Andrew Easton - New Horizons Orchids
CYRTODONTIODA	Gangly	<i>Oda.</i>	Shelley	×	<i>Cyr.</i>	leopoldianum	Robert Hamilton - Hawk Hill Labs
CYRTOGLOSSUM	Long Shot	<i>Cyr.</i>	<i>edwardii</i>	×	<i>Odm.</i>	Nicky Strauss	Robert Hamilton - Hawk Hill Labs
MACCRAITHARA	Orson Welles	<i>Bapt.</i>	<i>echinata</i>		<i>Oda.</i>	Prince Vultan	Andrew Easton - New Horizons Orchids
MILTONIOPSIS	Black Merriman	<i>Mps.</i>	Blackberry Cream	×	<i>Mps.</i>	Merriman	Juan Felipe Posada - Colomborquideas
	Bob Sabourin	<i>Mps.</i>	Bob Hoffman	×	<i>Mps.</i>	Jean Sabourin	Juan Felipe Posada - Colomborquideas
	Bob Tide	<i>Mps.</i>	Bob Hoffman	×	<i>Mps.</i>	Red Tide	Juan Felipe Posada - Colomborquideas
	Bremen Village	<i>Mps.</i>	Bremen	×	<i>Mps.</i>	Aurora Village	Juan Felipe Posada - Colomborquideas
	Dear Surprise	<i>Mps.</i>	Dearest	×	<i>Mps.</i>	Saffron Surprise	Juan Felipe Posada - Colomborquideas
	Dear Yarrow	<i>Mps.</i>	Dearest	×	<i>Mps.</i>	Yarrow Bay	Juan Felipe Posada - Colomborquideas
	Don Hull	<i>Mps.</i>	Don Herman	×	<i>Mps.</i>	Milla Hull	Juan Felipe Posada - Colomborquideas
	Don Kabuki	<i>Mps.</i>	Chieri Kabuki	×	<i>Mps.</i>	Don Herman	Juan Felipe Posada - Colomborquideas
	Duncan Waterfall	<i>Mps.</i>	Rustic Waterfall	×	<i>Mps.</i>	Duncan York	Juan Felipe Posada - Colomborquideas
	Echo Kabuki	<i>Mps.</i>	Echo Bay	×	<i>Mps.</i>	Chieri Kabuki	Juan Felipe Posada - Colomborquideas
	Eleanor Marie	<i>Mps.</i>	Rose Carpenter	×	<i>Mps.</i>	Bleuana	Robert Culver
	El Retiro	<i>Mps.</i>	Brigadier	×	<i>Mps.</i>	Donald Feinstein	Juan Felipe Posada - Colomborquideas
	Funny Don	<i>Mps.</i>	Don Herman	×	<i>Mps.</i>	Funny Face	Juan Felipe Posada - Colomborquideas
	Leo Mark	<i>Mps.</i>	<i>bismarckii</i>	×	<i>Mps.</i>	Leo Holguin	Juan Felipe Posada - Colomborquideas
	Lorene Hull	<i>Mps.</i>	Lorene	×	<i>Mps.</i>	Milla Hull	Juan Felipe Posada - Colomborquideas
	Lorene Motivada	<i>Mps.</i>	Eva's Mil Motivos	×	<i>Mps.</i>	Lorene Hull	Juan Felipe Posada - Colomborquideas
	Melissa Falls	<i>Mps.</i>	Melissa Baker	×	<i>Mps.</i>	Newton Falls	Juan Felipe Posada - Colomborquideas
	Mont Andy	<i>Mps.</i>	Mont Mado	×	<i>Mps.</i>	Andy Easton	Juan Felipe Posada - Colomborquideas
	Mount Phal	<i>Mps.</i>	Mount Baker	×	<i>Mps.</i>	<i>phalaenopsis</i>	Juan Felipe Posada - Colomborquideas
	Primavera Radiante	<i>Mps.</i>	Eva's Dulce de Limón	×	<i>Mps.</i>	Sunsprite	Juan Felipe Posada - Colomborquideas
	Robert Black	<i>Mps.</i>	Robert Paterson	×	<i>Mps.</i>	J. M. Black	Juan Felipe Posada - Colomborquideas
	Roez Dream	<i>Mps.</i>	Daydream	×	<i>Mps.</i>	<i>roezlii</i>	Juan Felipe Posada - Colomborquideas
	Saffron Bay	<i>Mps.</i>	Yarrow Bay	×	<i>Mps.</i>	Saffron Surprise	Juan Felipe Posada - Colomborquideas
	Second Arthur	<i>Mps.</i>	Second Love	×	<i>Mps.</i>	Arthur Cobblepick	Juan Felipe Posada - Colomborquideas
	Serenidad	<i>Mps.</i>	Avranches	×	<i>Mps.</i>	Lycaena	Juan Felipe Posada - Colomborquideas
	Strawberry Baker	<i>Mps.</i>	Beall's Strawberry Joy	×	<i>Mps.</i>	Melissa Baker	Juan Felipe Posada - Colomborquideas
	Sumas Tide	<i>Mps.</i>	Sumas	×	<i>Mps.</i>	Red Tide	Juan Felipe Posada - Colomborquideas
	Vexifalls	<i>Mps.</i>	<i>vexillaria</i>	×	<i>Mps.</i>	Rainbow Falls	Juan Felipe Posada - Colomborquideas
	Yarrow Dream	<i>Mps.</i>	Daydream	×	<i>Mps.</i>	Yarrow Bay	Juan Felipe Posada - Colomborquideas
	Yarrow Dumas	<i>Mps.</i>	Yarrow Bay	×	<i>Mps.</i>	Alexandre Dumas	Juan Felipe Posada - Colomborquideas
ODONCHLOPSIS	Agent J	<i>Ocp.</i>	Ozymandias	×	<i>Mps.</i>	J. M. Black	Robert Culver
	Ozymandias	<i>Oda.</i>	Shelley	×	<i>Mps.</i>	Venus	Robert Culver
	Pico de Gallo	<i>Oda.</i>	Chanticleer	×	<i>Mps.</i>	Lover's Point	Robert Culver
ODONTIODA	Amberely	<i>Oda.</i>	Joanne Whitney	×	<i>Oda.</i>	Desirable	Robert Hamilton - Hawk Hill Labs
	Anne Brydon	<i>Oda.</i>	Tiffany	×	<i>Oda.</i>	Joe's Drum	Tim Brydon
	Aurelio	<i>Odm.</i>	Extraria	×	<i>Oda.</i>	George McMahon	Robert Hamilton - Hawk Hill Labs
	Avranches Gold	<i>Oda.</i>	Aurelio	×	<i>Oda.</i>	Avranches	Robert Hamilton - Hawk Hill Labs
	Bahia Rosada	<i>Odm.</i>	<i>crispum</i>	×	<i>Oda.</i>	Bahia Blanca	Juan Felipe Posada - Colomborquideas
	Betty Whiteout	<i>Oda.</i>	Trish	×	<i>Oda.</i>	Santander	Robert Culver
	Blip	<i>Oda.</i>	Prince Vultan	×	<i>Oda.</i>	Burning Bed	Robert Hamilton - Hawk Hill Labs

Name	Parentage			Registered By	
<i>ODONTIODA (cont.)</i>	Brian Rittershausen	<i>Odm.</i>	Tribbles	× <i>Oda.</i> Nichirei Beaugo	Robert Hamilton - Hawk Hill Labs
	Burgundy Queen	<i>Odm.</i>	Tribbles	× <i>Oda.</i> Queen River	Robert Hamilton - Hawk Hill Labs
	Carabasin	<i>Odm.</i>	Yellowstone Basin	× <i>Oda.</i> Caradec	Juan Felipe Posada - Colomborquideas
	Carlos Arango	<i>Oda.</i>	Shelley	× <i>Odm.</i> Jim Mintsiveris	Andrew Easton - New Horizons Orchids
	Castle Shelley	<i>Oda.</i>	Shelley	× <i>Oda.</i> Castle de Stro	Robert Hamilton - Hawk Hill Labs
	Christine Jorgensen	<i>Oda.</i>	Murray River	× <i>Odm.</i> Hildesheim	Robert Hamilton - Hawk Hill Labs
	Concordia	<i>Odm.</i>	Hallio-Crispum	× <i>Oda.</i> Charlesworthii	Juan Felipe Posada - Colomborquideas
	Crystal Prism	<i>Oda.</i>	Prism	× <i>Oda.</i> Crystal Palace	Robert Culver
	Crystal Vale	<i>Oda.</i>	McLaren Vale	× <i>Oda.</i> Crystal Palace	Robert Culver
	Daddy Andrew Frank	<i>Odm.</i>	<i>trilobum</i>	× <i>Oda.</i> Joe's Drum	Robert Culver
	Destello Purpura	<i>Oda.</i>	Stromar	× <i>Oda.</i> Sunset Jaguar	Juan Felipe Posada - Colomborquideas
	Devon Hill	<i>Oda.</i>	Devon Flash	× <i>Oda.</i> Patricia Hill	Juan Felipe Posada - Colomborquideas
	Diablo Tiff	<i>Oda.</i>	Diablo	× <i>Oda.</i> Tiffany	Juan Felipe Posada - Colomborquideas
	Diablo Way	<i>Oda.</i>	Phoenix Way	× <i>Oda.</i> Diablo Tiff	Juan Felipe Posada - Colomborquideas
	Diablo's Drum	<i>Oda.</i>	Diablo Way	× <i>Oda.</i> Joe's Drum	Juan Felipe Posada - Colomborquideas
	Doctor Ilene Weitz	<i>Oda.</i>	Le Marais	× <i>Oda.</i> Saint Clement	Howard Liebman
	Donegal	<i>Oda.</i>	Tipples	× <i>Oda.</i> Saint Clement	Robert Hamilton - Hawk Hill Labs
	Drummer Leysa	<i>Oda.</i>	Drummer Harry	× <i>Oda.</i> Leysa	Juan Felipe Posada - Colomborquideas
	Entranced	<i>Odm.</i>	Pesky Trance	× <i>Oda.</i> Joe's Drum	Robert Hamilton - Hawk Hill Labs
	Eric's Golden Holiday	<i>Odm.</i>	Holiday Gold	× <i>Oda.</i> Eric's Parade	Robert Hamilton - Hawk Hill Labs
	Fractal	<i>Oda.</i>	Prince Vultan	× <i>Oda.</i> Zena	Robert Hamilton - Hawk Hill Labs
	Frolicked	<i>Oda.</i>	Shelley	× <i>Oda.</i> Patricia Hill	Robert Hamilton - Hawk Hill Labs
	Fuchsia	<i>Oda.</i>	McLaren Vale	× <i>Oda.</i> Desirable	Robert Culver
	Gâteau Brûlé	<i>Odm.</i>	Nancy Crees	× <i>Oda.</i> Rawdon on Fire	Tyler Albrecht
	Gene Capel	<i>Oda.</i>	Mont Capel	× <i>Oda.</i> Gene Gettel	Juan Felipe Posada - Colomborquideas
	George Leysa	<i>Oda.</i>	Leysa	× <i>Oda.</i> George McMahon	Juan Felipe Posada - Colomborquideas
	George Village	<i>Oda.</i>	George McMahon	× <i>Oda.</i> Victoria Village	Juan Felipe Posada - Colomborquideas
	George's Dance	<i>Oda.</i>	George McMahon	× <i>Oda.</i> Shelldance	Robert Hamilton - Hawk Hill Labs
	Golden George	<i>Odm.</i>	Golden Crisp	× <i>Oda.</i> George McMahon	Juan Felipe Posada - Colomborquideas
	Great Exposition	<i>Oda.</i>	Floresca	× <i>Oda.</i> Crystal Palace	Robert Hamilton - Hawk Hill Labs
	Haifa Harry	<i>Odm.</i>	Crispo-Harryanum	× <i>Oda.</i> Jaffa	Andrew Easton - New Horizons Orchids
	Harry Topa	<i>Odm.</i>	<i>harryanum</i>	× <i>Oda.</i> Topa	Juan Felipe Posada - Colomborquideas
	Heresy	<i>Oda.</i>	Saint Clement	× <i>Odm.</i> <i>pescatorei</i>	Robert Hamilton - Hawk Hill Labs
	Hot Trickle	<i>Oda.</i>	Tricolore	× <i>Oda.</i> <i>noezliana</i>	Andrew Easton - New Horizons Orchids
	Ingmar Queen	<i>Oda.</i>	Ingmar	× <i>Oda.</i> Queen River	Robert Hamilton - Hawk Hill Labs
	Inriver	<i>Oda.</i>	Ingera	× <i>Oda.</i> Queen River	Robert Hamilton - Hawk Hill Labs
	Jason's Trophy	<i>Odm.</i>	Extraria	× <i>Odm.</i> Samares	Robert Hamilton - Hawk Hill Labs
	Jesridge	<i>Oda.</i>	Eridge	× <i>Oda.</i> Jessmia	Juan Felipe Posada - Colomborquideas
	Jim's Desire	<i>Oda.</i>	Desirable	× <i>Odm.</i> Jim Mintsiveris	Robert Culver
	Lavender Hill	<i>Oda.</i>	Lavender Lace	× <i>Oda.</i> Aviewood	Robert Hamilton - Hawk Hill Labs
	Leysa Rolf	<i>Odm.</i>	Rolfeae	× <i>Oda.</i> Leysa	Juan Felipe Posada - Colomborquideas
	Lightening	<i>Oda.</i>	Blue Velvet	× <i>Oda.</i> Crystal Palace	Robert Hamilton - Hawk Hill Labs
	Little Gettel	<i>Oda.</i>	Little Big Man	× <i>Oda.</i> Gene Gettel	Juan Felipe Posada - Colomborquideas
	Lucid	<i>Oda.</i>	Shelley	× <i>Oda.</i> Haniespin	Robert Hamilton - Hawk Hill Labs
	Marinata	<i>Oda.</i>	Avranches	× <i>Oda.</i> Quennevais	Juan Felipe Posada - Colomborquideas
	Mysterious	<i>Oda.</i>	Shelley	× <i>Oda.</i> Zena	Robert Hamilton - Hawk Hill Labs
	Naevnoez	<i>Odm.</i>	<i>naevium</i>	× <i>Oda.</i> <i>noezliana</i>	Robert Hamilton - Hawk Hill Labs
	Nancy's Palace	<i>Odm.</i>	Nancy Crees	× <i>Oda.</i> Crystal Palace	Tyler Albrecht
	Oedipus	<i>Oda.</i>	Saint Joe	× <i>Oda.</i> Joe's Drum	Robert Hamilton - Hawk Hill Labs
	Pacific Panache	<i>Oda.</i>	Durham Castle	× <i>Oda.</i> Petit Port	Robert Culver
	Palace of Desire	<i>Oda.</i>	Desirable	× <i>Oda.</i> Crystal Palace	Robert Culver
	Park Point	<i>Oda.</i>	West Park	× <i>Oda.</i> Golden Point	Juan Felipe Posada - Colomborquideas
	Pesky Bull	<i>Odm.</i>	Pesky Trance	× <i>Oda.</i> Wilda Bullard	Andrew Easton - New Horizons Orchids
	Primavera Prince	<i>Oda.</i>	Primavera	× <i>Oda.</i> Vultan's Trouble	Robert Hamilton - Hawk Hill Labs
	Prime Day	<i>Oda.</i>	Gualanday	× <i>Oda.</i> Primavera	Juan Felipe Posada - Colomborquideas
	Prince Ahmad	<i>Oda.</i>	Prince Vultan	× <i>Oda.</i> Charlesworthii	Robert Hamilton - Hawk Hill Labs
	Prince Charming	<i>Oda.</i>	Patricia Hill	× <i>Oda.</i> Prince Vultan	Robert Hamilton - Hawk Hill Labs
	Prince Posey	<i>Oda.</i>	Prince Vultan	× <i>Oda.</i> Lois Posey	Robert Hamilton - Hawk Hill Labs
	Prince Shelley	<i>Oda.</i>	Shelley	× <i>Oda.</i> Prince Vultan	Robert Hamilton - Hawk Hill Labs
	Queen's Port	<i>Oda.</i>	Queen River	× <i>Oda.</i> Petit Port	Robert Hamilton - Hawk Hill Labs
	Queen's Tryst	<i>Oda.</i>	Queen River	× <i>Oda.</i> Burning Bed	Robert Hamilton - Hawk Hill Labs
	Reddy	<i>Oda.</i>	Sanderae	× <i>Oda.</i> Trixon	Juan Felipe Posada - Colomborquideas
	Saint Jonathan	<i>Oda.</i>	Saint Clement	× <i>Oda.</i> Burning Bed	Robert Hamilton - Hawk Hill Labs
	Saint Sterling	<i>Oda.</i>	Saint Wood	× <i>Oda.</i> Florence Stirling	Robert Hamilton - Hawk Hill Labs
	Saint Trance	<i>Oda.</i>	Saint Clement	× <i>Odm.</i> Pesky Trance	Robert Hamilton - Hawk Hill Labs

Name	Parentage				Registered By	
<i>ODONTIODA (cont.)</i>	Saint Vultan	<i>Oda.</i>	Saint Clement	× <i>Oda.</i>	Prince Vultan	Robert Hamilton - Hawk Hill Labs
	Samares Rolf	<i>Oda.</i>	Samares	× <i>Odm.</i>	Rolfeae	Juan Felipe Posada - Colomborquideas
	San Polo	<i>Oda.</i>	Clever	× <i>Oda.</i>	Golden Rialto	Robert Hamilton - Hawk Hill Labs
	Santa Granada	<i>Oda.</i>	Santamaria	× <i>Oda.</i>	Granada	Juan Felipe Posada - Colomborquideas
	Santa Naranja	<i>Oda.</i>	Shibory	× <i>Oda.</i>	Santamaria	Juan Felipe Posada - Colomborquideas
	Sea of Tranquility	<i>Odm.</i>	Tribbles	× <i>Oda.</i>	John Miller	Robert Hamilton - Hawk Hill Labs
	Sheldance	<i>Oda.</i>	Shelley	× <i>Odm.</i>	Parade	Andrew Easton - New Horizons Orchids
	Shibory Rolf	<i>Odm.</i>	Rolfeae	× <i>Oda.</i>	Shibory	Juan Felipe Posada - Colomborquideas
	Solar Glory	<i>Odm.</i>	Hallio-Crispum	× <i>Oda.</i>	George McMahon	Robert Hamilton - Hawk Hill Labs
	Sovereign	<i>Oda.</i>	Quennevais	× <i>Oda.</i>	Eric Young	Robert Hamilton - Hawk Hill Labs
	Speculation	<i>Cda.</i>	Lois Posey	× <i>Odm.</i>	Eximium	Robert Hamilton - Hawk Hill Labs
	Susan Drummer	<i>Oda.</i>	Susan Preston Richards	× <i>Oda.</i>	Drummer Boy	Juan Felipe Posada - Colomborquideas
	Susan Firestorm	<i>Oda.</i>	Rustic Firestorm	× <i>Oda.</i>	Susan Preston Richards	Juan Felipe Posada - Colomborquideas
	Susan Harry	<i>Oda.</i>	Susan Preston Richards	× <i>Oda.</i>	Drummer Harry	Juan Felipe Posada - Colomborquideas
	Susan Leysa	<i>Oda.</i>	Leysa	× <i>Oda.</i>	Susan Preston Richards	Juan Felipe Posada - Colomborquideas
	Susan Ube	<i>Oda.</i>	Susan Preston Richards	× <i>Oda.</i>	Mont Ube	Juan Felipe Posada - Colomborquideas
	Swizzle	<i>Oda.</i>	Tipples	× <i>Oda.</i>	Burning Bed	Robert Hamilton - Hawk Hill Labs
	Tangerine	<i>Oda.</i>	Jaffe	× <i>Oda.</i>	Harry Baldwin	Robert Hamilton - Hawk Hill Labs
	Tippling	<i>Oda.</i>	Tipples	× <i>Oda.</i>	Florence Stirling	Robert Hamilton - Hawk Hill Labs
	Trance	<i>Odm.</i>	Pesky Trance	× <i>Oda.</i>	Mem Ken Girard	Robert Culver
	Treasure Wood	<i>Oda.</i>	Treasure Island	× <i>Oda.</i>	Saint Wood	Juan Felipe Posada - Colomborquideas
	Tridon	<i>Oda.</i>	Tricolore	× <i>Oda.</i>	Anne Brydon	Robert Hamilton - Hawk Hill Labs
	Trisam	<i>Odm.</i>	Tribbles	× <i>Oda.</i>	Samares	Robert Hamilton - Hawk Hill Labs
	Ty Ty	<i>Oda.</i>	Waisenkind	× <i>Oda.</i>	Desirable	Robert Culver
	Vultan's Trouble	<i>Oda.</i>	Prince Vultan	× <i>Odm.</i>	Tribbles	Robert Hamilton - Hawk Hill Labs
	Wager	<i>Odm.</i>	Tribbles	× <i>Oda.</i>	Avranches	Robert Hamilton - Hawk Hill Labs
Wild in Bed	<i>Oda.</i>	Wilda Bullard	× <i>Oda.</i>	Burning Bed	Andrew Easton - New Horizons Orchids	
Yellow Portent	<i>Odm.</i>	Stonehurst Yellow	× <i>Oda.</i>	Portentosa	Juan Felipe Posada - Colomborquideas	
<i>ODONTOCIDIUM</i>	Bob Fair	<i>Odcdm.</i>	Bob Hoffman	× <i>Odcdm.</i>	Mayfair	Juan Felipe Posada - Colomborquideas
	El Guarzo	<i>Odcdm.</i>	Cambalache	× <i>Odcdm.</i>	Tiger Star	Juan Felipe Posada - Colomborquideas
	El Retiro	<i>Odcdm.</i>	Tiger Star	× <i>Odcdm.</i>	Mayfair	Juan Posada - Colomborquideas
	Illustrious Crisp	<i>Odm.</i>	Hallio-Crispum	× <i>Onc.</i>	Illustre	Andrew Easton - New Horizons Orchids
	Los Salados	<i>Odcdm.</i>	Solana	× <i>Odm.</i>	Moselle	Juan Felipe Posada - Colomborquideas
	Nostalgia	<i>Odm.</i>	Roy Hipkins	× <i>Onc.</i>	<i>leucochilum</i>	Robert Hamilton - Hawk Hill Labs
	Saxony	<i>Odcdm.</i>	Tiger Hambühren	× <i>Odm.</i>	Hildesheim	Robert Hamilton - Hawk Hill Labs
	Sunburst	<i>Odcdm.</i>	Solana	× <i>Odm.</i>	Beaumont	Robert Hamilton - Hawk Hill Labs
	Thalia Gold	<i>Odcdm.</i>	Tiger Hambühren	× <i>Odm.</i>	Excellens	Robert Hamilton - Hawk Hill Labs
Tiger's Gold	<i>Odcdm.</i>	Tiger Hambühren	× <i>Odm.</i>	Dugger's Gold	Robert Hamilton - Hawk Hill Labs	
<i>ODONTOGLOSSUM</i>	Artejerezorum	<i>Odm.</i>	<i>cinnamomeum</i>	× <i>Odm.</i>	<i>odoratum</i>	Guido Deburghgraeve
	Caty	<i>Odm.</i>	<i>gloriosum</i>	× <i>Odm.</i>	<i>nobile</i>	Guido Deburghgraeve
	Entrancing Nicky	<i>Odm.</i>	Pesky Trance	× <i>Odm.</i>	Pesky Nicky	Robert Hamilton
	Extra Noble	<i>Odm.</i>	Noble Parade	× <i>Odm.</i>	Extraria	Robert Culver
	Golden Panise	<i>Odm.</i>	Golden Crisp	× <i>Odm.</i>	Panise	Juan Felipe Posada - Colomborquideas
	Herb Charade	<i>Odm.</i>	Herb Thoreson	× <i>Odm.</i>	Charade	Juan Felipe Posada - Colomborquideas
	Herlinda	<i>Odm.</i>	Lieva	× <i>Odm.</i>	<i>crispum</i>	Deburghgraeve Guido
	Intermezzo	<i>Odm.</i>	Pesky Nicky	× <i>Odm.</i>	<i>nobile</i>	Robert Hamilton - Hawk Hill Labs
	Katrien	<i>Odm.</i>	<i>crocidipterum</i>	× <i>Odm.</i>	<i>nobile</i>	Deburghgraeve Guido
	Leprechaun	<i>Odm.</i>	Tribbles	× <i>Odm.</i>	Rolfeae	Robert Hamilton - Hawk Hill Labs
	Lucy Wyatt	<i>Odm.</i>	<i>lucianium</i>	× <i>Odm.</i>	<i>wyattianum</i>	Juan Felipe Posada - Colomborquideas
	Matador	<i>Odm.</i>	Nicky Strauss	× <i>Odm.</i>	Toreador Blanco	Robert Culver
	Nicky Nicky	<i>Odm.</i>	Nicky Strauss	× <i>Odm.</i>	Pesky Nicky	Robert Culver
	Nobil Ken	<i>Odm.</i>	Ken Armour	× <i>Odm.</i>	<i>pescatorei</i>	Juan Felipe Posada - Colomborquideas
	Noble Parade	<i>Odm.</i>	<i>pescatorei</i>	× <i>Odm.</i>	Parade	Robert Hamilton - Hawk Hill Labs
	Noble Ross	<i>Odm.</i>	Bic-ross	× <i>Odm.</i>	<i>pescatorei</i>	Andrew Easton - New Horizons Orchids
	Panise Cristal	<i>Odm.</i>	Panise	× <i>Odm.</i>	<i>crystalinum</i>	Juan Felipe Posada - Colomborquideas
	Stipple	<i>Odm.</i>	Pesky Trance	× <i>Odm.</i>	Doctor Tom	Robert Hamilton - Hawk Hill Labs
	Toreador Blanco	<i>Odm.</i>	Laura Hett	× <i>Odm.</i>	Tordonia	Robert Culver
	Trirade	<i>Odm.</i>	Tribbles	× <i>Odm.</i>	Parade	Robert Hamilton - Hawk Hill Labs
	Venobile	<i>Odm.</i>	Venilia	× <i>Odm.</i>	<i>nobile</i>	Robert Hamilton - Hawk Hill Labs
	Veronique	<i>Odm.</i>	Lieva	× <i>Odm.</i>	Blando-Nobile	Guido Deburghgraeve
	Wyatnaev	<i>Odm.</i>	<i>wyattianum</i>	× <i>Odm.</i>	<i>naevium</i>	Juan Felipe Posada - Colomborquideas
	Yellow Tenue	<i>Odm.</i>	Stonehurst Yellow	× <i>Odm.</i>	Tenue	Juan Felipe Posada - Colomborquideas

Name		Parentage				Registered By	
<i>ODONTONIA</i>	Colomcharade	<i>Odtna.</i>	Colombia	×	<i>Odm.</i>	Charade	Juan Felipe Posada - Colomborquideas
<i>RHYNCHOSTELE</i>	Veiled Beauty	<i>Rst.</i>	<i>candidula</i>	×	<i>Rst.</i>	<i>bictoniensis</i>	Robert Hamilton - Hawk Hill Labs
<i>VUYLSTEKEARA</i>	Avril Charles	<i>Odtna.</i>	Avril Gay	×	<i>Oda.</i>	Charlesworthii	Juan Felipe Posada - Colomborquideas
	Cambrian Charge	<i>Vuyl.</i>	Cambria	×	<i>Oda.</i>	Charlesworthii	Andrew Easton - New Horizons Orchids
	George Col	<i>Odtna.</i>	Colombia	×	<i>Oda.</i>	George McMahon	Juan Felipe Posada - Colomborquideas
	Larry Sanford	<i>Vuyl.</i>	Cambria	×	<i>Oda.</i>	Brewii	Andrew Easton - New Horizons Orchids
	Neonova	<i>Vuyl.</i>	Nova	×	<i>Oda.</i>	Avranches	Robert Hamilton - Hawk Hill Labs
	Piddle	<i>Vuyl.</i>	Cambria	×	<i>Oda.</i>	Prince Vultan	Robert Hamilton - Hawk Hill Labs
	Troubled Red	<i>Vuyl.</i>	Mem Mary Kavanaugh	×	<i>Oda.</i>	Charlesworthii	Andrew Easton - New Horizons Orchids
<i>WILSONARA</i>	George Fair	<i>Odcdm.</i>	Mayfair	×	<i>Oda.</i>	George McMahon	Juan Felipe Posada - Colomborquideas
	George Pimlico	<i>Wils.</i>	Pimlico	×	<i>Oda.</i>	George McMahon	Juan Felipe Posada - Colomborquideas
	Helios	<i>Odcdm.</i>	Tiger Hambühren	×	<i>Oda.</i>	Clever	Robert Hamilton - Hawk Hill Labs
	Leysa Lustre	<i>Wils.</i>	Blazing Lustre	×	<i>Oda.</i>	Leysa	Juan Felipe Posada - Colomborquideas
	Portent Fair	<i>Odcdm.</i>	Mayfair	×	<i>Oda.</i>	Portentosa	Juan Felipe Posada - Colomborquideas
	Ruth Rowe	<i>Wils.</i>	Sandro Cusi	×	<i>Oda.</i>	Des Hamonnets	Andrew Easton - New Horizons Orchids
	Sandro Cusi	<i>Onc.</i>	<i>incurvum</i>	×	<i>Oda.</i>	Quennevais	Andrew Easton - New Horizons Orchids
	Thanksgiving Fire	<i>Wils.</i>	California Cherub	×	<i>Odm.</i>	<i>helgae</i>	Andrew Easton - New Horizons Orchids
	Tiger Avranches	<i>Onc.</i>	<i>tigrinum</i>	×	<i>Oda.</i>	Avranches	Juan Felipe Posada - Colomborquideas
	Tiger George	<i>Odcdm.</i>	Tiger Hambühren	×	<i>Oda.</i>	George McMahon	Juan Felipe Posada - Colomborquideas
	Vultan's Gem	<i>Wils.</i>	Calico Gem	×	<i>Oda.</i>	Vulcan's Trouble	Robert Culver
	Wilda's Cherub	<i>Oda.</i>	Wilda Bullard	×	<i>Wils.</i>	California Cherub	Andrew Easton - New Horizons Orchids