



Royal  
Horticultural  
Society

Sharing the best in Gardening

QUARTERLY SUPPLEMENT TO THE  
**INTERNATIONAL REGISTER  
AND CHECKLIST  
OF ORCHID HYBRIDS  
(SANDER'S LIST)**

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APRIL – JUNE 2014 REGISTRATIONS

INCLUDING

**NEWSLETTER**  
OF THE ORCHID HYBRID REGISTRATION ADVISORY GROUP (OHRAG)  
No. 5

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# NEW ORCHID HYBRIDS

APRIL – JUNE 2014 REGISTRATIONS

Supplied by the Royal Horticultural Society as International Cultivar Registration Authority for Orchid Hybrids

NAME	PARENTAGE	REGISTERED BY
<b>Aerangis</b>		(O/U = Originator unknown)
LOC Cardinal Gem Zipper	<i>AerGs. luteoalba</i> x <i>AerGs. mystacidii</i> <i>AerGs.</i> James G. Coyner x <i>AerGs. citrata</i>	Louisiana Orch. L.Belew (O/U)
<b>Aerides</b>		
Nuthasiri Tum	<i>Aer. crassifolia</i> x <i>Aer. [V.] flabellata</i> <i>Aer. houlettiana</i> x <i>Aer. rosea</i> [fieldingii]	P&K.Chutumataewin P&K.Chutumataewin
<b>x Aeridovanda</b>		
Alice's Gold Krittapa	<i>Aer. lawrenceae</i> x <i>V. [Ascda.] Alice's Stewart</i> <i>Aer. houlettiana</i> x <i>V. [Ascda.] Pralor</i>	Alice's Orch. S. Atamakulsri
<b>x Aliceara</b>		
Bodacious Hawaiian Nights	<i>Onc. [Odcdm.] Tiger Crow</i> x <i>Alcra. Pacific Nova</i> <i>Alcra. [Dgmra.] Winter Wonderland</i> x <i>Onc. [Oda.] Memoria Dale Lawless</i>	Mauna Kea Orch. (J.W.McCully) Mauna Kea Orch. (J.W.McCully)
Memoria Donald Yamada	<i>Alcra. [Dgmra.] Memoria Jay Yamada</i> x <i>Onc. [Oda.] Fort Point</i>	Mauna Kea Orch. (J.W.McCully)
Ysabella	<i>Alcra. [Dgmra.] Winter Wonderland</i> x <i>Onc. Forever Jubilee</i>	Mauna Kea Orch. (J.W.McCully)
<b>Angraecum</b>		
Memoria Namaste Scottish Lion	<i>Angcm. White Lioness</i> x <i>Angcm. leonis</i> <i>Angcm. White Lioness</i> x <i>Angcm. scottianum</i>	Lehua Lehua
<b>x Aranda</b>		
Abdul Halim Mu'adzam Shah	<i>Arach. hookeriana</i> x <i>V. [Ascda.] Su-Fun Beauty</i>	Singapore Bot. Gdns (David Lim)
<b>x Aranthera</b>		
Nikunj Pradhan	<i>Arach. [Amm.] labrosa</i> x <i>Ren. imschootiana</i>	Himalayan Orch. (U.C.Pradhan)
<b>x Arthurara</b>		
Artiste Pensive	<i>Alcra. Bodacious</i> x <i>Ons. Rioja</i> <i>Alcra. [Dgmra.] Winter Wonderland</i> x <i>Ons. Jerry Brown</i>	Mauna Kea Orch. (J.W.McCully) Mauna Kea Orch. (J.W.McCully)
<b>x Brascidostele</b>		
Sunburst	<i>Ons. [Wils.] Sunwolf</i> x <i>Brsdm. [Hmtn.] Golden Harry</i>	Mauna Kea Orch. (J.W.McCully)
<b>Brassavola</b>		
Redulous	<i>B. nodosa</i> x <i>B. grandiflora</i>	B.Oliveros
<b>x Brassidium</b>		
Spiderman	<i>Brs. longissima</i> x <i>Onc. [Odcdm.] Bob Hoffman</i>	P.L.Jackson
<b>x Brassocatanthe</b>		
Magda Diekstall	<i>Ctt. [Lc.] Pokai Sky</i> x <i>B. nodosa</i>	F.Diekstall
<b>x Brassocattleya</b>		
Brazil Star FCA Starfire	<i>Bc. Midori Star FCA</i> x <i>Bc. Brazil (1972)</i> <i>Bc. [Blc.] Keowee</i> x <i>B. nodosa</i>	Terada & Flachsland R.E.García (E.Santiago)
<b>x Brassonicidopsis</b>		
Brilliant	<i>Oip. [Vuyl.] Celtic Sun</i> x <i>Brsdm. [Hmtn.] Golden Harry</i>	Mauna Kea Orch. (J.W.McCully)
<b>Bulbophyllum</b>		
Dolores Smith Medusa's Kiss S. y N. Ignis Draconis Stephie Van Rensburg	<i>Bulb. [Crphm.] Crownpoint</i> x <i>Bulb. bicolor</i> <i>Bulb. vaginatum</i> x <i>Bulb. [Cirr.] medusae</i> <i>Bulb. Emly Siegerist</i> x <i>Bulb. [Cirr.] putidum</i> <i>Bulb. orthoglossum</i> x <i>Bulb. facetum</i>	B.Thoms R.E.García (O/U) Caneva & Gomez B.Thoms

NAME	PARENTAGE	REGISTERED BY
<b>x Cahuzacara</b> Duckitt's Golden Eye	<i>Chz. [Blc.] Darling Winter x Rlc. [Blc.] Cape Blush</i>	Duckitt
<b>x Catasandra</b> Charles Alford	<i>Gal. batemanii x Ctsm. fuchsii</i>	Butts & Lefaive (C.Alford)
<b>Catasetum</b> Jamie Lawson XO XO Nesy Chagas	<i>Ctsm. pileatum x Ctsm. John C. Burchett</i> <i>Ctsm. spitzii x Ctsm. lanciferum [appendiculatum]</i>	J.Lawson (F.Clarke) F.Deusvando Leitao
<b>Cattleya</b> Betsy's Azure Sea Bravo Mary Cape Stawberry Lips Cosmo-Cristar CRB's Nice Spots Daisen Ellery Tomaszekiewicz Erick ADV Fordyce's Finale Hina Little Star Hugo I ADV John Broderick Lakehaven Smile Lakehaven Storm Memoria Gabi Hauser Mikawa Wings Mount Morjyu Mount Ohboshi Mutsuraboshi Prinz Harry Royal Splash Shun-Ho Ling Sierra Winter Spring March Sugar Baby Sunrise Fantasy Sunset Constellation Tokyo Catherine Walnut Valley Sparky Yun Lin Little Love Zody	<i>C. intermedia x C. Sea Breeze</i> <i>C. [Sc.] Dendi's Song x C. Quinquecolor</i> <i>C. Lulu x C. Cognac</i> <i>C. [Sl.] Pole-Star x C. [L.] crispata [flava]</i> <i>C. Highland Spots x C. Penny Kuroda (Caudebec)</i> <i>C. Mount Monjyu x C. Shirakabe</i> <i>C. [Lc.] Love Knot x C. warneri</i> <i>C. [Lc.] Honor César Niklas x C. [S.] cernua</i> <i>C. [Lc.] Drumbeat x C. [Slc.] Circle of Life</i> <i>C. [Lc.] Marcello Miranda x C. [Lc.] Mini Purple</i> <i>C. [Lc.] Cypheri (1897) x C. loddigesii</i> <i>C. [S.] briegeri x C. violacea</i> <i>C. [Lc.] Tropic Charm x C. [Sc.] Dal's Choice</i> <i>C. [Lc.] Mini Purple x C. [Sc.] Dal's Choice</i> <i>C. Tripp Johnston x C. Calummata</i> <i>C. [Lc.] Imperial Wings x C. [Lc.] Purple Beat</i> <i>C. Mary Lynn McKenzie x C. [Lc.] Elizabeth Stewart</i> <i>C. Horace x C. [Lc.] Antonetta Mahan</i> <i>C. [L.] itambana x C. [L.] crispata [flava]</i> <i>C. [L.] jongheana x C. [L.] fidelensis</i> <i>C. Royal Walk x C. Little Dipper</i> <i>C. [Lc.] Aloha Case x C. [Slc.] Wendy's Valentine</i> <i>C. Old Sierra x C. Winter Mantle</i> <i>C. [Slc.] Muffin x C. [S.] coccinea</i> <i>C. lueddemanniana x C. [Lc.] Pink Spice</i> <i>C. [Sl.] Pole-Star x C. [Slc.] Fire Fantasy</i> <i>C. [Lc.] Peter Fleuren x C. bicolor</i> <i>C. [Lc.] Fair Catherine x C. [Lc.] Tokyo Magic</i> <i>C. Walnut Valley Beautiful x C. [Lc.] Brian Carwile</i> <i>C. [Slc.] Ruyi Little Love x C. [S.] cernua</i> <i>C. [Lc.] Hillary's Hope x C. loddigesii</i>	J.McGoogan Leroy Orch. (O/U) Duckitt (Brother) Kokusai R.Greinke Z.Oda F.Clarke A.D.Vastik (C.E.Vastik) B.Oliveros Y.Hara A.D.Vastik A.Millet B.Wood B.Wood J.Grezaffi G.Kinbara Z.Oda Z.Oda Kokusai A.Millet Gold Country W.-T.Cheng B.Oliveros Sato Orch. J.Grezaffi Gold Country B.Oliveros Tokyo O.N. Rinke&Thompson Pei-Yi Lee R.S.Cronje
<b>x Cattleychea</b> Cosmo-Mary	<i>Psh. [Ech.] mariae x C. labiata</i>	Kokusai
<b>x Cattleytonia</b> Cape Snowsprite Debs Chao Duxfield Suncoast's New Song	<i>C. Clark Herman x Ctna. [Hknsa.] Quantum Spirit</i> <i>Ctna. Capri x C. [Slc.] Dream Walk</i> <i>C. [S.] purpurata x Ctna. Maui Maid</i>	Duckitt Woolf Orchid Culture Florida SunCoast (D.Sugita)
<b>x Cattlianthe</b> Allen's Pride Chi Mei Purple Diamond Duckitt's Watermelon Duckitt's Panda Psychic Ladybug Saxony Joy Smiley Aina	<i>C. [Lc.] Floralia's Azul x Ctt. [Lc.] Blue Boy</i> <i>Ctt. [Lc.] Tiny Treasure x Ctt. [C.] Small Wonder</i> <i>C. Empress Bells x Ctt. [Slc.] Kalahari Sunset</i> <i>C. [Lc.] Gila Wilderness x Ctt. Duckitt Ruby</i> <i>Ctt. [Lc.] Ladybug x C. [Slc.] Katie's Cutie</i> <i>C. [L.] Pulcherrima (1898) x Ctt. Cherokee Fire</i> <i>Ctt. [Slc.] Japanese Beauty x Ctt. Pixie Lair</i>	A.Applebaum (Parkside) Wu Shan-Hsien Duckitt Duckitt C.Welch M.Behm Sato Orch.
<b>x Cattotes</b> Pole-Color	<i>C. [Sl.] Pole-Star x Lpt. Spring Color</i>	Kokusai
<b>Chysis</b> Munich Love	<i>Chy. tricostrata x Chy. bractescens</i>	H. Müller



NAME	PARENTAGE	REGISTERED BY
Sundaani's Nelly	<i>Cym. Happy Star</i> x <i>Cym. Red Nelly</i>	P.J.Hockey
Sundaani's Ruby	<i>Cym. Sundaani Autumn</i> x <i>Cym. Ruby Blakiston</i>	P.J.Hockey
Teesta Valley	<i>Cym. erythraeum [longifolium hort.]</i> x <i>Cym. Golden Elf</i>	Himalayan Orch.(U.C.Pradhan)
Wendy Dolling	<i>Cym. Dolly</i> x <i>Cym. Peter Pan</i>	Orchidpeople
<b>Cypripedium</b>		
Benedikt	<i>Cyp. cordigerum</i> x <i>Cyp. montanum</i>	W.Frosch
Lettika	<i>Cyp. californicum</i> x <i>Cyp. macranthos</i>	F.Schmidt
Memoria Hans Hoeller	<i>Cyp. lichiangense</i> x <i>Cyp. fargesii</i>	G.Stickroth (J.Hoeller)
Mops	<i>Cyp. macranthos (hotei-atsumorianum)</i> x <i>Cyp. franchetii</i>	W.Frosch
<b>x Cyrtocidium</b>		
Pachelbel	<i>Ctd. [Wils.] Intermezzo</i> x <i>Onc. leucochilum</i>	Mauna Kea Orch. (J.W.McCully)
Spanish Skies	<i>Ctd. Pachelbel</i> x <i>Onc. [Oda.] California Fire</i>	Mauna Kea Orch. (J.W.McCully)
<b>Dendrobium</b>		
Airy Alowana	<i>Den. Hybrid Ignota</i> x <i>Den. canaliculatum</i>	R.P.Reitano (Air Orch.)
Alstonville Gem	<i>Den. Udom Sargym</i> x <i>Den. Burbank Tops</i>	C.L.Andrews
Alstonville Inferno	<i>Den. Precious Ruby</i> x <i>Den. Barrabui's Dark Knight</i>	C.L.Andrews
Angel Dance	<i>Den. Spring Beam</i> x <i>Den. Cherry March</i>	J.Yamamoto
Asternova Evening Star	<i>Den. Pink Ballerina</i> x <i>Den. Topaz Dream</i>	A.Sales (K.Unsworth)
Asternova Intrepid	<i>Den. Kilani Stripe</i> x <i>Den. Chao Praya Gem</i>	A.Sales (B.Vieritz)
Asternova Spectrum	<i>Den. Nopporn Pink</i> x <i>Den. Asternova Lightning</i>	A.Sales
Asternova Voyager	<i>Den. Shavin White</i> x <i>Den. Sophie Bonnie</i>	A.Sales (Chao Praya Orch.)
Barrabui's Dark Penny	<i>Den. Dal's Pennies</i> x <i>Den. Barrabui's Dark Knight</i>	A.Gibbard (Cedarvale Orch.)
Barrabui's Ramrod	<i>Den. Ron Falvey</i> x <i>Den. Ram Misra</i>	A.Gibbard (O/U)
Blushing Vista	<i>Den. Gillieston Jazz</i> x <i>Den. Rutherford Blushing Bride</i>	F.Clare
Brilliant Moon	<i>Den. Brilliant Smile</i> x <i>Den. Angel Moon</i>	Hirofumi Yamamoto
Burana Negro	<i>Den. Bertha Chong</i> x <i>Den. Kishore</i>	A.Sales (O/U)
Candy Gem	<i>Den. Oriental Gem</i> x <i>Den. Candy Smile</i>	Hirofumi Yamamoto
Charming Heart	<i>Den. Golden Egg</i> x <i>Den. Comet King</i>	Hirofumi Yamamoto
Charmy Smile	<i>Den. Sweet Pinky</i> x <i>Den. Fancy Cloud</i>	J.Yamamoto
Chris Cobb	<i>Den. Royal Colors</i> x <i>Den. Burmese Ruby</i>	Cairns Orch.
Classier	<i>Den. Class</i> x <i>Den. Cobber</i>	B.Larkin
Crystal Love	<i>Den. Sweet Pinky</i> x <i>Den. Royal Sweet</i>	Hirofumi Yamamoto
Dream Magic	<i>Den. Upin King</i> x <i>Den. Sweet Pinky</i>	J.Yamamoto
Dreamy World	<i>Den. Sweet Pinky</i> x <i>Den. Dynasty</i>	J.Yamamoto
Elegant Woman	<i>Den. Asian Beauty</i> x <i>Den. Yasuko Sugiyama</i>	Hirofumi Yamamoto
Emma Christina	<i>Den. schoeninum [beckleri]</i> x <i>Den. [Doc.]contextum [convoluta]</i>	W.Liddy (O/U)
Fairy Dress	<i>Den. Marina</i> x <i>Den. Sweet Pinky</i>	J.Yamamoto
First Luck	<i>Den. Empire</i> x <i>Den. Victory Shuu</i>	Hirofumi Yamamoto
Frigdaas Bear	<i>Den. Pink Beauty</i> x <i>Den. Yaotome</i>	FRIGDAAS
Frigdaas Beauty	<i>Den. Emur</i> x <i>Den. Yaotome</i>	FRIGDAAS
Frigdaas Bird	<i>Den. Lady Smile</i> x <i>Den. Fantasy</i>	FRIGDAAS
Frigdaas Crown	<i>Den. Spot Light</i> x <i>Den. Yukidaruma</i>	FRIGDAAS
Frigdaas Fly	<i>Den. Maloflake</i> x <i>Den. Red Arce</i>	FRIGDAAS
Frigdaas Moon	<i>Den. Harugasumi</i> x <i>Den. Moon Mermaid [Moon Harmaid]</i>	FRIGDAAS
Frigdaas Peach	<i>Den. Yohkou</i> x <i>Den. Comet King</i>	FRIGDAAS
Frigdaas Pretty	<i>Den. Spot Light</i> x <i>Den. Second Love</i>	FRIGDAAS
Frigdaas Snow	<i>Den. Second Love</i> x <i>Den. Lucky Girl [Lucky Gal]</i>	FRIGDAAS
Frigdaas Spring	<i>Den. Marchen Color</i> x <i>Den. Spring Color Hohoemi</i>	FRIGDAAS
Frigdaas Tai Lai	<i>Den. Yuki</i> x <i>Den. Thai Red</i>	FRIGDAAS
Genevieve Drew	<i>Den. Dal's Dream</i> x <i>Den. Dal's Pennies</i>	Willowbanks
Glorious Heart	<i>Den. Oriental Passion</i> x <i>Den. Star Glory</i>	Hirofumi Yamamoto
Golden Vista	<i>Den. Class</i> x <i>Den. Star of Gold</i>	F.Clare
Gorgeous Lady	<i>Den. Brilliant Smile</i> x <i>Den. Lucky Smile</i>	J.Yamamoto
Haitang Bay	<i>Den. Khunying Boonruen</i> x <i>Den. Pink Lips</i>	Best Goldlines
Hallelujah	<i>Den. Cherry Love</i> x <i>Den. Millionaire</i>	J.Yamamoto
Happy Angel	<i>Den. Fancy Angel</i> x <i>Den. Happy Holiday</i>	J.Yamamoto
Happy Morning	<i>Den. Magician</i> x <i>Den. Sweet Pinky</i>	J.Yamamoto
HCH Corner House	<i>Den. Goodwood Park Hotel Singapore</i> x <i>Den. Iasianthera [ostrinoglossum]</i>	Lee Foong Ying (Neo Tuan Hong)
Honey Dream	<i>Den. Chelsea</i> x <i>Den. Sweet Pinky</i>	Hirofumi Yamamoto
Hougang Primary School	<i>Den. Lucian Pink</i> x <i>Den. Aridang Green</i>	Hougang
Jackie Chee Jart Hoon	<i>Den. Hai Sing</i> x <i>Den. violaceoflavens</i>	Woon Leng Nurs.(Ong Bor Kia)
Jiali Aphanolame	<i>Den. aphanochilum</i> x <i>Den. lamellatum</i>	Fei Lung Liu

NAME	PARENTAGE	REGISTERED BY
<b><i>Dendrobium</i> (continued)</b>		
Jiali Glowlawe	<i>Den.</i> Pink Glow x <i>Den. lawesii</i>	Fei Lung Liu
Jiali Mikotaelawe	<i>Den.</i> Jiali Mikotae x <i>Den. lawesii</i>	Fei Lung Liu
Josette	<i>Den.</i> Brologa x <i>Den.</i> Sun Star	M.Harding
Joyce Margaret Kuok	<i>Den.</i> Pink Power x <i>Den.</i> Mah Bow Tan	OSSEA (Neo Tuan Hong)
Kagura	<i>Den.</i> Ise x <i>Den.</i> Hamana Lake	J.Yamamoto
Lee Boon Ngan	<i>Den.</i> Memoria Laila x <i>Den.</i> Pink Power	Neo Tuan Hong
Liberty Queen	<i>Den.</i> Medalist x <i>Den.</i> My Sweet	Hirofumi Yamamoto
Liberty Red	<i>Den.</i> Red Emperor x <i>Den.</i> Elegant Smile	Hirofumi Yamamoto
Liberty Song	<i>Den.</i> Liberty Bell x <i>Den.</i> Lucky Smile	J.Yamamoto
Lisa	<i>Den.</i> Muse x <i>Den.</i> Moco	J.Yamamoto
Lovely Song	<i>Den.</i> Vesta x <i>Den.</i> Happy Love	J.Yamamoto
Lucky Lace	<i>Den.</i> Lucky Dress x <i>Den.</i> Lucky Jewel	Hirofumi Yamamoto
Lucky Wave	<i>Den.</i> Royal Sweet x <i>Den.</i> Wave King	Hirofumi Yamamoto
Macaron	<i>Den.</i> Pink Kiss x <i>Den.</i> Kagura	J.Yamamoto
Magenta's Sunburst	<i>Den.</i> Thongchai Gold x <i>Den. canaliculatum</i>	R.P.Reitano (O/U)
Mal Chalmers	<i>Den.</i> Dal's Memory x <i>Den.</i> Alice's Peter	Reg Dix
Marina	<i>Den.</i> Charm Grande x <i>Den.</i> Elatos	J.Yamamoto
Memorial Song	<i>Den.</i> Angel Love x <i>Den.</i> Avalon	J.Yamamoto
Miss Diva	<i>Den.</i> Fancy Jewel x <i>Den.</i> Pianist	J.Yamamoto
Miss Luhuitou	<i>Den.</i> Kathy Ong Mei Lee x <i>Den. taurinum</i>	Best Goldlines
Moon Harmaid	<i>Den.</i> Maloflake x <i>Den.</i> Marchen Color	FRIGDAAS (Higashi Tadashi)
Moon Mermaid	<i>Den.</i> Maloflake x <i>Den.</i> Marchen Color	Higashi Tadashi
New Galaxy	<i>Den.</i> Comet King x <i>Den.</i> Super Chance	J.Yamamoto
Nicha Natron	<i>Den. tangerinum</i> x <i>Den. sutiknoi</i>	Nicha Orchid
Orange Antlers	<i>Den.</i> Shanee's Twist x <i>Den.</i> Chocolate Antlers	R.E.James (O/U)
Peaceful Life	<i>Den.</i> Pink Dream x <i>Den.</i> Jolie Rabbit	Hirofumi Yamamoto
Peach Smile	<i>Den.</i> Kumiko Dream x <i>Den.</i> Harmony Queen	J.Yamamoto
Perfect Smile	<i>Den.</i> Spring Fanfare x <i>Den.</i> Yasuko Sugiyama	Hirofumi Yamamoto
Pink Power	<i>Den.</i> Tristar Power x <i>Den.</i> Pink Lips	Neo Tuan Hong
Pop Star	<i>Den.</i> Beni Hope x <i>Den.</i> Lucky Princess	J.Yamamoto
Robin Duxfield	<i>Den.</i> Topaz Dream x <i>Den.</i> Paradise Stripes	Woolf Orchid Culture
Royal Vista	<i>Den.</i> Beryl Wuth x <i>Den.</i> Hilda Poxon	F.Clarke
Sailor Dress	<i>Den.</i> Yellow Song x <i>Den.</i> Sailor Boy	Hirofumi Yamamoto
SCBG Huagui	<i>Den. linawianum</i> x <i>Den. gratiosissimum</i> [boxallii]	S.Zeng (Z.Chen)
SCBG Red Lips	<i>Den. shixingense</i> x <i>Den. catenatum</i> [officinale]	S.Zeng (Z.Chen)
Seri	<i>Den.</i> Triangel x <i>Den. cruentum</i>	S.Chitpholchayanond
Shanee's Twist	<i>Den.</i> Charelle x <i>Den.</i> Fran's Twist	R.E.James (O/U)
Sherry	<i>Den.</i> Brilliant Smile x <i>Den.</i> Wave King	Hirofumi Yamamoto
Sherry Love	<i>Den.</i> Angel Love x <i>Den.</i> Sherry Smile	J.Yamamoto
Shining Pink	<i>Den.</i> Farmeri-Thyrsiflorum x <i>Den. farmeri</i>	Hiroyasu Ide
Shiny Dress	<i>Den.</i> Asian Beauty x <i>Den.</i> Line Dance	Hirofumi Yamamoto
Show Stopper	<i>Den. schuetzei</i> x <i>Den.</i> Sander's Festival	Hebling (R. Tokunaga)
Siam White	<i>Den. fredericksianum</i> x <i>Den.</i> Yukidaruma	W.Prasongdee
Silky Snow	<i>Den.</i> Silky Girl x <i>Den.</i> Magician	Hirofumi Yamamoto
Spring Color Hohoemi	<i>Den.</i> Yodogimi x <i>Den.</i> Snow Baby	Yutaka & Sachio
Star Kiss	<i>Den.</i> Yellow Song x <i>Den.</i> Star Glory	J.Yamamoto
Summer	<i>Den. hercoglossum</i> x <i>Den. tortile</i>	Dong-Tien Chang
Sunny Vista	<i>Den.</i> Peewee x <i>Den.</i> Yondi Tina	F.Clarke
Sweet Kiss	<i>Den.</i> Medalist x <i>Den.</i> Sweet Pinky	Hirofumi Yamamoto
Tanamera Beauty	<i>Den.</i> Dal's Memory x <i>Den.</i> Tanamera Wonder	C.L.Andrews (K.Simpson)
Tanamera Charm	<i>Den.</i> Dal's Memory x <i>Den.</i> Dal's Stunner	C.L.Andrews (K.Unsworth)
Tanamera Wonder	<i>Den.</i> Dal's Stunner x <i>Den.</i> Dal's Wonder	C.L.Andrews (K.Unsworth)
UNESCO	<i>Den.</i> Eleanor Chan x <i>Den.</i> Genting Blue	Singapore Bot.Gdns (David Lim)
Victory Angel	<i>Den.</i> Angel Love x <i>Den.</i> Lucky Smile	J.Yamamoto
Victory Dance	<i>Den.</i> Lucky Dress x <i>Den.</i> Lucky Smile	J.Yamamoto
Victory Red	<i>Den.</i> Victory Road x <i>Den.</i> Santana	J.Yamamoto
Victory Shine	<i>Den.</i> Victory Shuu x <i>Den.</i> Benikujyaku	Hirofumi Yamamoto
Wonder Dream	<i>Den.</i> Wave King x <i>Den.</i> Benikujyaku	Hirofumi Yamamoto
Wonder Red	<i>Den.</i> Reina x <i>Den.</i> Victory Shuu	J.Yamamoto
<b><i>Disa</i></b>		
Ann Gay	<i>Disa</i> Ella Avery x <i>Disa</i> Patricia's Compassion	H.H.Taylor

NAME	PARENTAGE	REGISTERED BY
<b>x <i>Dracuvallia</i></b> Maeldune Princess	<i>Masd.</i> Peach Fuzz x <i>Drac. vampira</i>	M.Buckingham
<b>x <i>Enanthleya</i></b> Dragon's Eye	<i>Ctt.</i> [C.] Rose Drop x <i>E. alata</i>	R.E.García (E.Santiago)
<b><i>Encyclia</i></b> Memoria Helmut Rohrl Nina Chin	<i>E.</i> [Epi.] Sietetrescuartos x <i>E.</i> [Epi.] <i>diota</i> <i>E.</i> [Epi.] Orchid Jungle x <i>E. recurvata</i>	A.Pinkers (G. Truex) Claude Hamilton (O/U)
<b>x <i>Epicattleya</i></b> Miracle Land	<i>C.</i> [Lc.] Button Top x <i>Epi. stamfordianum</i>	M.Inamine
<b><i>Epidendrum</i></b> Apollon Valley Carnival Valley Frigdaas Kai Tai Illusion Valley	<i>Epi.</i> Palm Valley x <i>Epi.</i> Wonder Valley <i>Epi.</i> Flamingo Valley x <i>Epi.</i> Wonder Valley <i>Epi.</i> Pretty Princess x <i>Epi.</i> Hokulea <i>Epi.</i> Wonder Valley x <i>Epi.</i> Raspberry Valley	M.Inamine K.Inamine FRIGDAAS K.Inamine
<b>x <i>Gomiltidium</i></b> Kulnura Calypso  Kulnura Tango	<i>Mtdm.</i> [Odtna.] Tropical Heat Wave x <i>Oncsa.</i> [Onc.] Kulnura Gold <i>Mtdm.</i> [Odtna.] Tropical Heat Wave x <i>Gom.</i> [Onc.] Kulnura Radiance	S.Barrie (Barrita)  Barrita (S.Barrie)
<b>x <i>Guaricattonia</i></b> Michelle McMillan	<i>Ctt.</i> [Lc.] Gold Digger x <i>Bro. negrilensis</i>	C.McMillan
<b>x <i>Holconopsis</i></b> Pingtung Belt	<i>Phal.</i> Sogo Genki x <i>Holc. wangii</i>	Tien-Cheng Chien
<b>x <i>Jackfowlieara</i></b> Duckitt Sunshine	<i>Rlc.</i> [Blc.] Nobile's Golden Horizon x <i>Jkf.</i> [Iwan.] Cape Orange	Duckitt
<b>x <i>Komarovara</i></b> Lava Roll	<i>Rrm.</i> Helmut Rohrl x <i>Lsz.</i> [Hwra.] Lava Burst	Malika Orch.
<b>x <i>Laeliocatanthe</i></b> Taiwan Orange	<i>L.</i> [Schom.] <i>lueddemanii</i> x <i>Ctt.</i> [Lc.] Trick or Treat	Orchis Flor.
<b>x <i>Laeliocattleya</i></b> Bela Lugosi Chocolate Cherries City Life Curtis Star Field Goal	<i>C. bicolor</i> x <i>L.</i> [Schom.] <i>splendida</i> <i>L.</i> [Schom.] <i>splendida</i> x <i>C.</i> [Gur.] <i>aurantiaca</i> <i>Lc.</i> Liptonii x <i>C.</i> [Slc.] Circle of Life <i>L.</i> William Curtis x <i>C.</i> [L.] Mutsuraboshi <i>Lc.</i> Angel Love x <i>C. schofieldiana</i>	B.Oliveros B.Oliveros Leroy Orch. (H & R) Kokusai Leroy Orch.
<b><i>Lycamerlycaste</i></b> Senne Sand	<i>Lyc.</i> Groganii x <i>Lmc.</i> [Lyc.] Hugheuden	Roellke Orch.
<b><i>Lycaste</i></b> Agnette Angela Yu Cutey Honey Liane Moonlit Flora Patisserie Pink Passion Reverend Canon Mari	<i>Lyc. schilleriana</i> x <i>Lyc. macrobulbon</i> <i>Lyc.</i> Isabella x <i>Lyc.</i> Auburn <i>Lyc.</i> Primadonna x <i>Lyc.</i> Yoko's Sister <i>Lyc.</i> Jack x <i>Lyc.</i> Agnette <i>Lyc.</i> Midas x <i>Lyc.</i> Always <i>Lyc.</i> Carmen x <i>Lyc.</i> Shoalhaven <i>Lyc.</i> Kurt Servos x <i>Lyc.</i> Chita Passion <i>Lyc.</i> Memoria Helen Congleton x <i>Lyc. macrophylla</i>	La Canopee J.G.Yu (K.Abou) T.Goshima La Canopee Shuji Suzuki T.Goshima Lehua Lehua
<b>x <i>Lycastenaria</i></b> Liberty Lime Princess	<i>Lyc. virginialis</i> [skinneri] x <i>Bif. inodora</i>	Ch.Swoboda

NAME	PARENTAGE	REGISTERED BY
<b>Masdevallia</b>		
Buscal Ouistreham	<i>Masd. ignea</i> x <i>Masd. gilbertoii</i>	Buscal Orch. (L. Minet)
Citrus Frost	<i>Masd.</i> Angel Tang x <i>Masd.</i> Angel Frost	Mountain Orch.
Elena Servi	<i>Masd.</i> Macinnes' Golden Heart x <i>Masd.</i> Red Flamingo	J.Leathers
Maeldune Gem	<i>Masd.</i> Shane White x <i>Masd.</i> Confetti	M.Buckingham
Natasha	<i>Masd.</i> Tourmaline x <i>Masd.</i> Bay Breeze	J.Leathers
Penny Candy	<i>Masd.</i> Little Hottie x <i>Masd.</i> Tuakau Candy	Mountain Orch.
Ron Parsons	<i>Masd.</i> Samantha Kha x <i>Masd.</i> Patricia Hill	J.Leathers
Sweet Dreams	<i>Masd.</i> Tuakau Candy x <i>Masd.</i> Veitch's Candy Cane	Mountain Orch.
<b>Maxillaria</b>		
Alan Digby	<i>Max. molitor</i> x <i>Max. striata</i>	Ecuagenera
<b>x Meshaara</b>		
Chian-Tzy Ruby	<i>Pasr.</i> [Hwra.] Chian-Tzy Lovely x <i>Rden.</i> Woon Leng's Red Gem	Chian-Tzy Orch.
<b>Miltoniopsis</b>		
Banana Split	<i>Mps.</i> [Milt.] Lemon Chiffon x <i>Mps.</i> [Milt.] Lemon Fill	Okika (E.Carlson)
Sun Glow	<i>Mps.</i> [Milt.] Pink Lady x <i>Mps.</i> [Milt.] <i>santanaei</i>	Okika
Wonderfall	<i>Mps.</i> [Milt.] Hajime Ono x <i>Mps.</i> Linda Lingle	Mauna Kea Orch. (J.W.McCully)
<b>x Mormodia</b>		
Barnabas Collins	<i>Cl.</i> [Ctsm.] Grace Dunn x <i>Morm. tapoayensis</i>	F.Clarke
<b>x Myrmechea</b>		
Golden Strike	<i>Myh.</i> [Smbep.] Old Gold x <i>Mcp.</i> [Schom.] <i>thomsoniana</i>	R.E.Garcia
<b>x Oncidesa</b>		
Possum Woolf	<i>Gom.</i> [Bapt.] <i>echinata</i> x <i>Onc.</i> Twinkle	Woolf Orchid Culture
<b>Oncidium</b>		
Alice Munro	<i>Onc.</i> [Wils.] Solana Stirling x <i>Onc.</i> [Oda.] Fort Point	A.Macgregor (H. Liebman)
Arohena	<i>Onc.</i> [Oda.] Peter Timoney x <i>Onc.</i> [Oda.] Memoria Kendrick Williams	A.P.Locke
Billet-doux	<i>Onc.</i> [Milt.] <i>fuscatum</i> [warscewiczii] x <i>Onc.</i> [Wils.] Jean Du Pont	Okika
Chaos Theory	<i>Onc.</i> [Milt.] <i>fuscatum</i> [warscewiczii] x <i>Onc.</i> Golden Holiday	Mauna Kea Orch. (J.W.McCully)
Cheryl Blackburn	<i>Onc.</i> [Oda.] Lovely Penguin x <i>Onc.</i> [Oncda.] Pacific Pagan	Okika
Drunken Drummer	<i>Onc.</i> Taiko x <i>Onc.</i> [Wils.] Tiger Brew	Mauna Kea Orch. (J.W.McCully)
Flowers Aflame	<i>Onc.</i> [Oda.] Burning Bed x <i>Onc.</i> [Oda.] Fireflower	Okika (H.Liebman)
Forever Jubilee	<i>Onc.</i> [Oda.] Harrods Forever x <i>Onc.</i> [Oda.] Jubilee Volunteer	Mauna Kea Orch. (Golden Gate)
Gay Leah Barfield	<i>Onc.</i> [Oda.] Flowers Aflame x <i>Onc.</i> Macmex	Okika
Golden Holiday	<i>Onc.</i> [Odm.] Holiday Gold x <i>Onc.</i> [Oda.] Golden Rialto	Mauna Kea Orch. (Golden Gate)
Good Day	<i>Onc.</i> [Odcdm.] Dorothy Wisnom x <i>Onc.</i> [Odcdm.] Crowborough (1965)	Leroy Orch. (G. Day)
Kevin Blackburn	<i>Onc.</i> [Oda.] Angel Island x <i>Onc.</i> [Milt.] Ron's Rippling Delight	Okika
McBean's Something	<i>Onc.</i> [Oda.] Ingmar x <i>Onc.</i> [Oda.] McBean's Asta	McBean's
Milton	<i>Onc.</i> [Wils.] Phar Lap x <i>Onc.</i> [Oda.] Mornington	E.Beehag
Mindy Barfield	<i>Onc.</i> [Wils.] Pacific Panache x <i>Onc.</i> Space Mine	Okika
Ouroarvore	<i>Onc.</i> [Colm.] Sphacetante x <i>Onc.</i> [Oda.] La Hougue Bie	Mauna Kea Orch. (J.W.McCully)
Taiko	<i>Onc.</i> [Burr.] Castle Issa x <i>Onc.</i> [Oda.] Joe's Drum	Mauna Kea Orch. (J.W.McCully)
Wally Thomas	<i>Onc.</i> [Odm.] Torphanto x <i>Onc.</i> [Odm.] Tordonia	P.Hansen (O/U)
<b>x Oncidopsis</b>		
Onolicius	<i>Oip.</i> [Vuyt.] Francine x <i>Mps.</i> [Milt.] Pearl Ono	Mauna Kea Orch. (J.W.McCully)
Steppenwolf	<i>Oip.</i> [Odtna.] Memoria Martin Orenstein x <i>Onc.</i> [Odm.] Black Diamond	Mauna Kea Orch. (J.W.McCully)
<b>x Oncidumnia</b>		
Duckitt's Twinkle	<i>Onc.</i> Twinkle x <i>Tolu.</i> [Onc.] Golden Sunset	Duckitt
<b>x Oncostele</b>		
Dark Day	<i>Rst.</i> Uro-Day x <i>Ons.</i> [Odm.] Midnight Miracles	M.N.Timm (A.Day)
En Fuego	<i>Onc.</i> [Wils.] Fuego x <i>Ons.</i> [Wils.] Red Sun	Mauna Kea Orch. (J.W.McCully)



NAME	PARENTAGE	REGISTERED BY
First Sun	<i>Ons.</i> [ <i>Wils.</i> ] Romance x <i>Onc.</i> [ <i>Oda.</i> ] Petite Shine	Mauna Kea Orch. (J.W.McCully)
Flame Thrower	<i>Ons.</i> [ <i>Colm.</i> ] Catatante x <i>Ons.</i> [ <i>Wils.</i> ] Red Sun	Mauna Kea Orch. (J.W.McCully)
Hot Cats	<i>Ons.</i> [ <i>Colm.</i> ] Catatante x <i>Ons.</i> [ <i>Wils.</i> ] Suncat	Mauna Kea Orch. (J.W.McCully)
Jack's Maria	<i>Ons.</i> [ <i>Wils.</i> ] Romance x <i>Ons.</i> [ <i>Wils.</i> ] Jacks Alive	Mauna Kea Orch. (J.W.McCully)
Jerry Brown	<i>Ons.</i> [ <i>Odcdm.</i> ] Florence Stirling x <i>Onc.</i> [ <i>Oda.</i> ] Jubilee Volunteer	Mauna Kea Orch. (Golden Gate)
Max Schubert	<i>Ons.</i> [ <i>Colm.</i> ] Wildcat x <i>Onc.</i> [ <i>Oda.</i> ] Queen Ingmar	Mauna Kea Orch. (J.W.McCully)
Popcorn	<i>Ons.</i> [ <i>Colm.</i> ] Catatante x <i>Onc.</i> [ <i>Wils.</i> ] Pagan Sun	Mauna Kea Orch. (J.W.McCully)
Rioja	<i>Onc.</i> Queen Ingmar x <i>Ons.</i> [ <i>Colm.</i> ] Catatante	Mauna Kea Orch. (J.W.McCully)
Solari	<i>Ons.</i> [ <i>Colm.</i> ] Catatante x <i>Onc.</i> [ <i>Oda.</i> ] George McMahan	Mauna Kea Orch. (J.W.McCully)
Song of Ice	<i>Ons.</i> [ <i>Wils.</i> ] Ripple x <i>Onc.</i> [ <i>Wils.</i> ] White Knight	Mauna Kea Orch. (J.W.McCully)
Soul Fire	<i>Ons.</i> [ <i>Wils.</i> ] Sunup x <i>Onc.</i> [ <i>Wils.</i> ] Fueo	Mauna Kea Orch. (J.W.McCully)
Stacked	<i>Ons.</i> [ <i>Wils.</i> ] Sunwolf x <i>Onc.</i> [ <i>Wils.</i> ] Fueo	Mauna Kea Orch. (J.W.McCully)
<b>x Oncostelopsis</b>		
Brazilian Sun	<i>Oip.</i> [ <i>Mtdm.</i> ] Pacific Waters x <i>Ons.</i> [ <i>Wils.</i> ] Sunup	Mauna Kea Orch. (J.W.McCully)
Fran's Jewels	<i>Ons.</i> [ <i>Wils.</i> ] Jacks Alive x <i>Oip.</i> [ <i>Vuyf.</i> ] Francine	Mauna Kea Orch. (J.W.McCully)
<b>x Ontolezia</b>		
Helen Armour	<i>Onc.</i> <i>sotoanum</i> x <i>Rrm.</i> Helmut Rohrl	Malika Orch.
<b>Paphiopedilum</b>		
A and P's Cocoa Rose	<i>Paph.</i> Red Shift x <i>Paph.</i> Burgundy Bow	A & P Orch.
African Mask	<i>Paph.</i> Forest Mask x <i>Paph.</i> Legacy	Kita-Cal
All Blacks	<i>Paph.</i> Satchel Paige x <i>Paph.</i> Fire Fighter	Yamato-Noen (F.Sugiyama)
Amber King	<i>Paph.</i> Telstar x <i>Paph.</i> Crazy Jolly	Kita-Cal
Angel Face	<i>Paph.</i> Casablanca x <i>Paph.</i> New Generation	O.Duerbusch
Apricity	<i>Paph.</i> Master Druid x <i>Paph.</i> <i>druryi</i>	J.Quaintance (W.W.Wilson)
Badonkadonk	<i>Paph.</i> Legacy x <i>Paph.</i> Pumpkin Pie	Kita-Cal
Beach Queen	<i>Paph.</i> Gege Hughes x <i>Paph.</i> Algonquin	Kita-Cal
Beauty Marks	<i>Paph.</i> Saiun x <i>Paph.</i> Red Shift	A & P Orch.
Big Shot	<i>Paph.</i> Winston Churchill x <i>Paph.</i> Crazy Jolly	Kita-Cal
Brain Buster	<i>Paph.</i> Wood Wonder x <i>Paph.</i> Memoria Sabrina Mark	Kita-Cal
Bright Star	<i>Paph.</i> Bright Glory x <i>Paph.</i> Newtown	O.Duerbusch
Brown Calder	<i>Paph.</i> Nigel Calder x <i>Paph.</i> Winlantis	Tokyo O.N.
Burgundy Bow	<i>Paph.</i> Valwin x <i>Paph.</i> Alpine Meadows	A & P Orch.
Cafe Rouge	<i>Paph.</i> Sylvan Vale x <i>Paph.</i> Countryside	Yamato-Noen (H.Sugiyama)
Captivatingly Wood	<i>Paph.</i> Luna Magic x <i>Paph.</i> Wood Wonder	Lehua
Casey James	<i>Paph.</i> Lady Isabel x <i>Paph.</i> Angel Hair	Carolyn Robinson (N.Fang)
Charmingly Wood	<i>Paph.</i> Memoria Christopher Follansbee x <i>Paph.</i> Wood Wonder	Lehua
Choco Chip Sundae	<i>Paph.</i> Bitterscotch Sundae x <i>Paph.</i> Acclamation	Kita-Cal
Chocolate Drop	<i>Paph.</i> Via Figueroa x <i>Paph.</i> Johnbourn	Kita-Cal
Cocoa Burtree	<i>Paph.</i> Tree of Enzan x <i>Paph.</i> In-Charm Circle	Cocoa
Cocoa Oliver	<i>Paph.</i> Cocoa Green Paradise x <i>Paph.</i> Enzan Oliver	Cocoa
Cocoa Pacific Red	<i>Paph.</i> Cocoa Red x <i>Paph.</i> Yi-Ying Colorful Clouds	Cocoa
Cocoa Willsholt	<i>Paph.</i> Enzan Williams x <i>Paph.</i> Enzan Sholt	Cocoa
Cool Knight	<i>Paph.</i> Shillelagh x <i>Paph.</i> Ice Castle	Kita-Cal
Crush Strawberry	<i>Paph.</i> Stone Lovely x <i>Paph.</i> Icy Galaxy	Kita-Cal
Dame de Pique	<i>Paph.</i> Ruby Mist x <i>Paph.</i> Hsinying Worthy Laser	Kita-Cal
Distinguished Gentleman	<i>Paph.</i> Mustafa's Old Noir x <i>Paph.</i> Winston Churchill	A & P Orch.
Emerald Future	<i>Paph.</i> Martian Man x <i>Paph.</i> Stone Lovely	Tokyo O.N.
Emerald King	<i>Paph.</i> Valerie Tonkin x <i>Paph.</i> Greenvale	Kita-Cal
Emerald Ring	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> Emerald Crown	Yamato-Noen (H.Sugiyama)
Emerald Shield	<i>Paph.</i> Emerald Sea x <i>Paph.</i> Golden Emperor	Kita-Cal
Emerald Stone	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> Giantstone	Tokyo O.N.
Emperor's Emerald	<i>Paph.</i> Golden Emperor x <i>Paph.</i> Emerald Crown	Kita-Cal
Emperor's New Cloth	<i>Paph.</i> Crazy Jolly x <i>Paph.</i> Golden Emperor	Kita-Cal
Enchanted Orb	<i>Paph.</i> Valerie Tonkin x <i>Paph.</i> Via Muchos Ninos	D.George (J.Fang)
Ernie Barham	<i>Paph.</i> [ <i>Cyp.</i> ] Berenice x <i>Paph.</i> Kolosand	E.Barham (O/U)
Excitingly Wood	<i>Paph.</i> Friedrich von Hayek x <i>Paph.</i> Wood Wonder	Lehua
Firewater	<i>Paph.</i> Legacy x <i>Paph.</i> Crazy Jolly	Kita-Cal
Fitness	<i>Paph.</i> Jenna Marie x <i>Paph.</i> Red Spring	Yamato-Noen (H.Sugiyama)
Flying Dish	<i>Paph.</i> Wawona Maiden x <i>Paph.</i> Stone Lovely	Kita-Cal
Flying Fantasy	<i>Paph.</i> Thunder World x <i>Paph.</i> World Series	Yamato-Noen (F.Sugiyama)
Fred's Aura	<i>Paph.</i> Luna Magic x <i>Paph.</i> Fred's Ghost	Lehua
Ghost Story	<i>Paph.</i> Grey Ghost x <i>Paph.</i> Clark's Emerald	Kita-Cal

NAME	PARENTAGE	REGISTERED BY
<b><i>Paphiopedilum</i> (continued)</b>		
Great Flame	<i>Paph.</i> Great Aunt Mildred x <i>Paph.</i> Flame Freezing	Lehua
Green Dreams	<i>Paph.</i> Clark's Dream x <i>Paph.</i> Greenvale	Yamato-Noen (H.Sugiyama)
Gypsy Lullaby	<i>Paph.</i> New Edition x <i>Paph.</i> Mobie Star	Kita-Cal
Hagrid's Mark	<i>Paph.</i> Hagrid x <i>Paph.</i> Memoria Sabrina Mark	J.Fang
Hawaiian Flush	<i>Paph.</i> Straight Flush x <i>Paph.</i> Hawaiian Rainbow	J.Fang
Hawaiian Rainbow	<i>Paph.</i> Tokyo Bells x <i>Paph.</i> Tainan Rainbow Rain	J.Fang (O/U)
Hengduan Snake Charmer	<i>Paph.</i> <i>wardii</i> x <i>Paph.</i> <i>insigne</i>	Hengduan Mts. Biotech.
Hibiscus	<i>Paph.</i> Alakazam x <i>Paph.</i> Red Monarch	Yamato-Noen (F.Sugiyama)
Hilo Tropic Lawrence	<i>Paph.</i> Somers Isles x <i>Paph.</i> <i>lawrenceanum</i>	J.Fang
Hiroshima	<i>Paph.</i> Bell Canyon x <i>Paph.</i> Queenslander	Yamato-Noen (F.Sugiyama)
Hobo Jungle	<i>Paph.</i> New Edition x <i>Paph.</i> Coral Sea	Kita-Cal
Hot Chocolate	<i>Paph.</i> Voldemort x <i>Paph.</i> Pacific Shamrock	Kita-Cal
Hotto Motto	<i>Paph.</i> Robin I. Hall x <i>Paph.</i> <i>charlesworthii</i>	Yamato-Noen (F.Sugiyama)
Houryuu	<i>Paph.</i> Otogozen x <i>Paph.</i> Ginkaku	Tokyo O.N.
Hsinying Rujo-Mac	<i>Paph.</i> Hsinying Rujo x <i>Paph.</i> Macabre	C.Whitby (Ching Hua)
Icy Knight	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> Ice Castle	Kita-Cal
Icy Princess	<i>Paph.</i> Imelda Bobadilla x <i>Paph.</i> Icy Icy Wind	Kita-Cal
Jenna's Jewel	<i>Paph.</i> Jared's Jewel x <i>Paph.</i> Jenna Marie	J.Fang
Jersey Red Giant	<i>Paph.</i> Hsinying Cherry x <i>Paph.</i> Burgundy Bow	A & P Orch.
Kick Off	<i>Paph.</i> World Plus x <i>Paph.</i> Via Figueroa	Yamato-Noen (H.Sugiyama)
Knight's Mountain	<i>Paph.</i> Magic Mountain x <i>Paph.</i> Knight's Challenge	Tokyo O.N.
Lady Koopowitz	<i>Paph.</i> Michael Koopowitz x <i>Paph.</i> Formosa Lady	Hebling (O/U)
Little Debbie	<i>Paph.</i> Little Candy x <i>Paph.</i> Debutante	H.Koopowitz
Little Druid	<i>Paph.</i> <i>druryi</i> x <i>Paph.</i> <i>henryanum</i>	H.Koopowitz
Little Red	<i>Paph.</i> Ruby Peacock x <i>Paph.</i> <i>charlesworthii</i>	H.Koopowitz
Little Whimsy	<i>Paph.</i> Whimsical x <i>Paph.</i> Little Stevie	H.Koopowitz
Lo'ihl	<i>Paph.</i> Mount Toro x <i>Paph.</i> <i>parishii</i>	Lehua
Lucha Libre	<i>Paph.</i> Strawberry Sherbet x <i>Paph.</i> Stone Lovely	Kita-Cal
Luna Enchantment	<i>Paph.</i> Luna Jewel x <i>Paph.</i> Oriental Enchantment	Lehua
Macabre Moon	<i>Paph.</i> Macabre Magic x <i>Paph.</i> Luna Magic	Lehua
Macabre Pops	<i>Paph.</i> Macabre Magic x <i>Paph.</i> Magic Pops	Lehua
Magic Albatross	<i>Paph.</i> Golden Acres x <i>Paph.</i> <i>hirsutissimum</i>	Kita-Cal
Magically Wood	<i>Paph.</i> Magic Pops x <i>Paph.</i> Wood Wonder	Lehua
Memoria Don Garling	<i>Paph.</i> Spiderman x <i>Paph.</i> Michael Koopowitz	J.Shumaker (J.Fang)
Memoria Heinz Rengers	<i>Paph.</i> <i>gigantifolium</i> x <i>Paph.</i> <i>supardii</i>	H.Bauch
Memoria Helen Conleton	<i>Paph.</i> Stone Lovely x <i>Paph.</i> Sorcerer's Stone	Yamato-Noen (H.Sugiyama)
Memoria Jim Asher	<i>Paph.</i> Judge Pinocchio x <i>Paph.</i> <i>henryanum</i>	Lehua
Memoria Matthew P. Dewitt	<i>Paph.</i> Cascading Pink x <i>Paph.</i> <i>primulinum</i>	Lehua
Memoria Teck Ying	<i>Paph.</i> <i>Ferox</i> x <i>Paph.</i> Chianti	See Ting Ho (O/U)
Micran Magic	<i>Paph.</i> Shun-Fa Golden x <i>Paph.</i> <i>micranthum</i>	Tokyo O.N.
Midnight Wine	<i>Paph.</i> Voodoo Magic x <i>Paph.</i> Memoria Sabrina Mark	Kita-Cal
Minowa Crystal	<i>Paph.</i> Optimus Prime x <i>Paph.</i> Icy Icy Wind	S.Kikuchi
Minowa Midnight	<i>Paph.</i> Frank Pearce x <i>Paph.</i> Nightshadow	S.Kikuchi
Minowa Raisin	<i>Paph.</i> Pacific Paterson x <i>Paph.</i> Bloody Rain	S.Kikuchi
Minowa Spots	<i>Paph.</i> Sparsholt x <i>Paph.</i> Bloody Rain	S.Kikuchi
Minowa Spring	<i>Paph.</i> Memoria Toshio Miyata x <i>Paph.</i> Giantstone	S.Kikuchi
Minowa Spring Green	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> Todd Clark	S.Kikuchi
Minowa Star	<i>Paph.</i> Hirose Pride x <i>Paph.</i> Pacific Sunset	S.Kikuchi
Minowa Surprise	<i>Paph.</i> Alice Barrios x <i>Paph.</i> Sorcerer's Stone	S.Kikuchi
Minowa Wine	<i>Paph.</i> New Direction x <i>Paph.</i> Mount Berry	S.Kikuchi
Miyabi Dandy	<i>Paph.</i> Tradewinds x <i>Paph.</i> Humphrey	N.Izumi
Miyabi Pacific	<i>Paph.</i> Pacific Ocean x <i>Paph.</i> Thunder World	N.Izumi
Mustafa's Ball o' Fire	<i>Paph.</i> Dragon Hold x <i>Paph.</i> Red Shift	A & P Orch.
Mustafa's Black Wings	<i>Paph.</i> <i>philippinense</i> x <i>Paph.</i> Sunken Treasure	A & P Orch.
Mustafa's Clear Vintage	<i>Paph.</i> Claro Javier x <i>Paph.</i> Prime Vintage	A & P Orch.
Mustafa's Ebony Key	<i>Paph.</i> Hsinying Cherry x <i>Paph.</i> Massachusetts Rumor	A & P Orch.
Mustafa's Flight	<i>Paph.</i> Dot McNay x <i>Paph.</i> Hsinying Cherry	A & P Orch.
Mustafa's Hot Pink	<i>Paph.</i> Laser x <i>Paph.</i> Dragon Hold	A & P Orch.
Mustafa's Knockmaura	<i>Paph.</i> Maud Read x <i>Paph.</i> Knock Knock	A & P Orch.
Mustafa's Magic Sail	<i>Paph.</i> Magic Cherry x <i>Paph.</i> Saiun	A & P Orch.
Mustafa's Malbec	<i>Paph.</i> Mustafa's Knockmaura x <i>Paph.</i> Burgundy Bow	A & P Orch.
Mustafa's Master Treasure	<i>Paph.</i> Sunken Treasure x <i>Paph.</i> <i>mastersianum</i>	A & P Orch.
Mustafa's Mauve	<i>Paph.</i> Maud Read x <i>Paph.</i> Sunken Treasure	A & P Orch.
Mustafa's Nightfall	<i>Paph.</i> Mustafa's Flight x <i>Paph.</i> Massachusetts Merlot	A & P Orch.
Mustafa's Old Noir	<i>Paph.</i> Burgundy Bow x <i>Paph.</i> Voodoo Magic	A & P Orch.
Mustafa's Pinot Noir	<i>Paph.</i> Macabre x <i>Paph.</i> Hsinying Rocket	A & P Orch.

NAME	PARENTAGE	REGISTERED BY
Mustafa's Rosy Crow	<i>Paph.</i> Red Shift x <i>Paph.</i> Winston Churchill	A & P Orch.
Mustafa's Speckled Clover	<i>Paph.</i> Dragon Hold x <i>Paph.</i> Knock Knock	A & P Orch.
Mustafa's Tightrope Walker	<i>Paph.</i> Dragon Singer x <i>Paph.</i> Red Shift	A & P Orch.
Mustafa's Tuxedo Nights	<i>Paph.</i> Emerald x <i>Paph.</i> Magic Cherry	A & P Orch.
Mustafa's Varicolored Agent	<i>Paph.</i> Mustafa's Tightrope Walker x <i>Paph.</i> Macabre	A & P Orch.
Mustafa's Verdant Rose	<i>Paph.</i> Mustafa's Speckled Clover x <i>Paph.</i> Mustafa's Tightrope Walker	A & P Orch.
Mustafa's Winter Rose	<i>Paph.</i> Macabre x <i>Paph.</i> Mustafa's Hot Pink	A & P Orch.
Mustafa's Young Shiraz	<i>Paph.</i> Jac Flash x <i>Paph.</i> Burgundy Bow	A & P Orch.
Mustafa's Zinfandel	<i>Paph.</i> Mustafa's Magic Sail x <i>Paph.</i> Magic Leopard	A & P Orch.
Mystic Moon	<i>Paph.</i> Mystic Knight x <i>Paph.</i> Emerald Moon	Yamato-Noen (H.Sugiyama)
Mystically Wood	<i>Paph.</i> Fred's Ghost x <i>Paph.</i> Wood Wonder	Lehua
Oceans of Spots	<i>Paph.</i> Black Thorpe x <i>Paph.</i> Oceans of Fire	Lehua
Old Navy	<i>Paph.</i> Tangold x <i>Paph.</i> White Castle	Yamato-Noen (H.Sugiyama)
Orangeade	<i>Paph.</i> Annette x <i>Paph.</i> Pacific Shamrock	Kita-Cal
Oriental Joy	<i>Paph.</i> Luna Jewel x <i>Paph.</i> Oriental Jewel	Lehua
Oriental Spring	<i>Paph.</i> Spring Moonbeam x <i>Paph.</i> Oriental Jewel	Lehua
Pacific Queen	<i>Paph.</i> Pacific Shamrock x <i>Paph.</i> Golden Emperor	Kita-Cal
Parrybelle	<i>Paph.</i> Parry Gripp x <i>Paph.</i> <i>bellatulum</i>	Yamato-Noen (F.Sugiyama)
Petula's Contrast	<i>Paph.</i> Petula's Flame x <i>Paph.</i> Macabre Magic	Lehua
Petula's Fred	<i>Paph.</i> President Fred x <i>Paph.</i> Petula's Ghost	Lehua
Petula's Pops	<i>Paph.</i> Petula's Flame x <i>Paph.</i> Magic Pops	Lehua
Petula's Presence	<i>Paph.</i> Magic Pulsar x <i>Paph.</i> Petula's Mystery	Lehua
Petula's Pulsar	<i>Paph.</i> Ruby Pulsar x <i>Paph.</i> Petula's Mystery	Lehua
Phoenix	<i>Paph.</i> Algonquin x <i>Paph.</i> Pacific Sunset	Kita-Cal
Pink Fantasia	<i>Paph.</i> Think Pink x <i>Paph.</i> <i>hirsutissimum</i>	Lehua
Pop Up	<i>Paph.</i> Firing Line x <i>Paph.</i> Brandy Lynn	Yamato-Noen (F.Sugiyama)
Punkin Chunkin	<i>Paph.</i> Pumpkin Pie x <i>Paph.</i> Emerald Sea	Kita-Cal
Quarterback Sack	<i>Paph.</i> Fort Collins x <i>Paph.</i> Super Bowl	Yamato-Noen (F.Sugiyama)
Red Flash	<i>Paph.</i> Flashdance x <i>Paph.</i> Red Monarch	Yamato-Noen (F.Sugiyama)
Red Marie	<i>Paph.</i> Valwin x <i>Paph.</i> Jenna Marie	Tokyo O.N.
Red Sox	<i>Paph.</i> Sioux x <i>Paph.</i> Red Spring	Yamato-Noen (F.Sugiyama)
Romanesque	<i>Paph.</i> Emerald Crown x <i>Paph.</i> Spotted Waters	Yamato-Noen (F.Sugiyama)
Royal Coachman	<i>Paph.</i> World Venture x <i>Paph.</i> Spotglen	Kita-Cal
Royal Eagle	<i>Paph.</i> Thunder Eagle x <i>Paph.</i> Straight Flush	J.Fang
Ruby King	<i>Paph.</i> King Frank x <i>Paph.</i> Ruby River	Yamato-Noen (O/U)
Rusty Red	<i>Paph.</i> Valwin x <i>Paph.</i> Ruby Doll	Tokyo O.N.
Shining Glory	<i>Paph.</i> Bright Glory x <i>Paph.</i> Bright Shine	O.Duerbusch
Show Lady	<i>Paph.</i> Show Time x <i>Paph.</i> Primrose Lady	Yamato-Noen (F.Sugiyama)
Shun-Fa Alma	<i>Paph.</i> Hsinying Almatron x <i>Paph.</i> Hsinying Mautrum	Shun Fa Orchids
Shun-Fa Almachi	<i>Paph.</i> Somers Isles x <i>Paph.</i> Hsinying Almachi	Shun Fa Orchids
Shun-Fa Almatron	<i>Paph.</i> Hsinying Almatron x <i>Paph.</i> Hsinying Citron	Shun Fa Orchids
Shun-Fa Pulsar	<i>Paph.</i> Impulse x <i>Paph.</i> Hsinying Rubyweb	Shun Fa Orchids
Silver Crown	<i>Paph.</i> Saint Ouens Bay x <i>Paph.</i> Emerald Crown	Yamato-Noen (F.Sugiyama)
Stardust	<i>Paph.</i> Via Figueroa x <i>Paph.</i> <i>bellatulum</i>	Kita-Cal
Stone Jolly	<i>Paph.</i> Crazy Jolly x <i>Paph.</i> Sorcerer's Stone	Tokyo O.N.
Stone Praetorian	<i>Paph.</i> <i>stonei</i> x <i>Paph.</i> <i>glanduliferum [praestans]</i>	T.A.Curtis (O/U)
Stupid Tattoo	<i>Paph.</i> Winston Churchill x <i>Paph.</i> Stone Lovely	Kita-Cal
Sumio Kikuchi	<i>Paph.</i> Pumpkin Pie x <i>Paph.</i> Norito Hasegawa	S.Kikuchi
Suntan Girl	<i>Paph.</i> Provocation x <i>Paph.</i> Pacific Shamrock	Kita-Cal
Super Sonic	<i>Paph.</i> Sparsholt x <i>Paph.</i> Spotcaster	Yamato-Noen (F.Sugiyama)
Tiny Ice Dancer	<i>Paph.</i> <i>niveum</i> x <i>Paph.</i> Ice Castle	T.Nakasugi
Vicky's Twirls	<i>Paph.</i> [Cyp.] Robinianum x <i>Paph.</i> <i>victoria-mariae</i>	Lehua
Voodoo Shadow	<i>Paph.</i> Luna Shadow x <i>Paph.</i> Ruby Voodoo	J.Sloniker (Orchid Zone)
Walnut Valley Master	<i>Paph.</i> <i>mastersianum</i> x <i>Paph.</i> <i>hirsutissimum</i>	Rinke&Thompson (O/U)
Wild Boys	<i>Paph.</i> Thunder World x <i>Paph.</i> Wild Wood	Yamato-Noen (H.Sugiyama)
Winston's Pass	<i>Paph.</i> Winston Churchill x <i>Paph.</i> Luther Pass	Lehua
Winston's Triumph	<i>Paph.</i> Winston Churchill x <i>Paph.</i> Red Triumph	Lehua
Wunderwelt	<i>Paph.</i> Newtown x <i>Paph.</i> Shining World	O.Duerbusch
Yellow Fantasy	<i>Paph.</i> Nike's Sunny Delight x <i>Paph.</i> <i>haynaldianum</i>	Lehua
Yellow Moon	<i>Paph.</i> Pacific Shamrock x <i>Paph.</i> [Cyp.] S. Gratrix	Kita-Cal
Yellow Wisp	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> [Cyp.] S. Gratrix	Kita-Cal
<b>x <i>Papilionanda</i></b>		
Henecia Kim HyunJoong	V. Kultana Blue x <i>Pda.</i> [V.] Josephine van Brero	Toh Garden



NAME	PARENTAGE	REGISTERED BY
Panport Blackbutterfly	<i>Phal.</i> Sunrise Red Peoker x <i>Phal.</i> Salu Peoker	Xiamen P.F.
Panport Blackeagle	<i>Phal.</i> I-Hsin Cinderella x <i>Phal.</i> Memoria Francis Hunte	Xiamen P.F.
Panport Blackhorse	<i>Phal.</i> Join Angel x <i>Phal.</i> Memoria Francis Hunte	Xiamen P.F.
Panport Cherry	<i>Phal.</i> <i>schilleriana</i> x <i>Phal.</i> Sogo Berry	Xiamen P.F.
Panport Cumquat	<i>Phal.</i> Salu Peoker x <i>Phal.</i> Lyndon Kaiulani Girl	Xiamen P.F.
Panport Lemon	<i>Phal.</i> Salu Golden x <i>Phal.</i> Dragon Tree Eagle	Xiamen P.F.
Panport Panda	<i>Phal.</i> Jiuhbao Red Rose x <i>Phal.</i> Acker's Sweetie	Xiamen P.F.
Panport Papaya	<i>Phal.</i> Salu Golden x <i>Phal.</i> Lyndon Kaiulani Girl	Xiamen P.F.
Panport Penguin	<i>Phal.</i> Acker's Sweetie x <i>Phal.</i> Chingruey's Fancy	Xiamen P.F.
Panport Waxberry	<i>Phal.</i> Sweet Strawberry x <i>Phal.</i> <i>lueddemanniana</i>	Xiamen P.F.
Phoenix Beauty	<i>Phal.</i> Andalusia x <i>Phal.</i> Arizona Garnet	E. Goo
Phoenix Sweetheart	<i>Phal.</i> Jim x <i>Phal.</i> Brother Purple	E. Goo
Princess Trinity	<i>Phal.</i> Venimp x <i>Phal.</i> Princess Kaiulani	E. Goo
Pylo's Red Freckles	<i>Phal.</i> Musick Mini Dots x <i>Phal.</i> Yungho Gelb Canary	Big Leaf Orchids
Radio Gong	<i>Phal.</i> Nina x <i>Phal.</i> Liodora	D.O.G. (F.Zeuner)
Sapphire's Aphroacea	<i>Phal.</i> <i>Equalacea</i> x <i>Phal.</i> <i>aphrodite</i>	R.A. Shepherd
Sapphire's MJ	<i>Phal.</i> Taida Lawrence x <i>Phal.</i> Winter Clouds	R.A. Shepherd
Sapphire's Shooting Star	<i>Phal.</i> Sapphire's Snowflake x <i>Phal.</i> <i>violacea</i>	R.A. Shepherd
Saxony Fireworks	<i>Phal.</i> <i>philippinensis</i> x <i>Phal.</i> <i>bastianii</i>	M.Behm
Schloß Holte	<i>Phal.</i> Mad Hatter x <i>Phal.</i> <i>amabilis</i>	Roellke Orch.
Sexy Venus	<i>Phal.</i> Chian Xen Pearl x <i>Phal.</i> World Class	J.Wu
Sista Bobbie	<i>Phal.</i> Bobbie Ann Cooper x <i>Phal.</i> <i>amboinensis</i>	R.A. Shepherd
Stukenbrock	<i>Phal.</i> Mad Hatter x <i>Phal.</i> <i>aphrodite</i>	Roellke Orch.
Super Stoopier	<i>Phal.</i> Aileen Stoops x <i>Phal.</i> Zuma Garnet	J. Lehnhardt
Superfly	<i>Phal.</i> Tying Shin Fly Eagle x <i>Phal.</i> Brother Ambo Passion	J. Lehnhardt
Taida Sunflower Boy	<i>Phal.</i> Mei Dar Green x <i>Phal.</i> Taida Sunflower Diamond	Taida
Tong Yi Yu Shiou	<i>Phal.</i> Tying Shin Tarzan x <i>Phal.</i> Yungho Gelb Canary	Guo Jiang-Jyun
Unimax Canary	<i>Phal.</i> Sogo David x <i>Phal.</i> Unimax Cradle	CLONE I.B.
Unimax Desire	<i>Phal.</i> Unimax Blush x <i>Phal.</i> Taisuco Peace	CLONE I.B.
Unimax Flame	<i>Phal.</i> Unimax Dolly x <i>Phal.</i> Unimax Kate	CLONE I.B.
Unimax Lollipop	<i>Phal.</i> Unimax Cradle x <i>Phal.</i> Chian Xen Violin	CLONE I.B.
Unimax Rose	<i>Phal.</i> Nobby's Purple x <i>Phal.</i> Taisuco Peace	CLONE I.B.
Unimax Supernova	<i>Phal.</i> Sogo Yukidian x <i>Phal.</i> Unimax Waltz	CLONE I.B.
Walnut Valley Hero	<i>Phal.</i> Brother Love Hero x <i>Phal.</i> Walnut Valley Fantasia	Rinke&Thompson
Walnut Valley Itty Bitty	<i>Phal.</i> Anna-Larati Soekardi x <i>Phal.</i> <i>honghenensis</i>	Rinke&Thompson
Walnut Valley Love Pixie	<i>Phal.</i> Brother Love Hero x <i>Phal.</i> Zuma's Pixie	Rinke&Thompson
Walnut Valley Yellow Sun	<i>Phal.</i> Blessed x <i>Phal.</i> Taisuco Date	Rinke&Thompson
Wong Poh San	<i>Phal.</i> Yaphon Sir x <i>Phal.</i> Sogo Kaiulani	Kenneth Lim
Yi Li Pink Amabilis	<i>Phal.</i> Unimax Sakurahime x <i>Phal.</i> <i>amabilis</i>	Yi-Li Flora
Younghome Sunshine	<i>Phal.</i> Leopard Prince x <i>Phal.</i> Younghome Melody	Young Home Orch.
Zheng Min Cedar	<i>Phal.</i> LD Bellina Eagle x <i>Phal.</i> Hawaii Dragon Girl	Zheng-Min Su
Zheng Min Hazel	<i>Phal.</i> Brother Ambo Passion x <i>Phal.</i> Yaphon Sir	Zheng-Min Su
Zheng Min Oak	<i>Phal.</i> Natasha x <i>Phal.</i> Yungho Princess Gelb	Zheng-Min Su
Zheng Min Xanthium	<i>Phal.</i> Yaphon Gelacea x <i>Phal.</i> Yaphon Sir	Zheng-Min Su
<b><i>Phragmipedium</i></b>		
André Lévesque	<i>Phrag.</i> Les Dirouilles x <i>Phrag.</i> <i>exstaminodium</i>	J-P.Faust
Elfin's Vision	<i>Phrag.</i> Green Hornet x <i>Phrag.</i> <i>pearcei</i> [ <i>ecuadorensis</i> ]	J-P.Faust
Marcel Carrière	<i>Phrag.</i> Les Dirouilles x <i>Phrag.</i> Majestic Tresses	J-P.Faust
Memoria Georgette Marcoux	<i>Phrag.</i> Mountain Maid x <i>Phrag.</i> <i>besseae</i>	J-P.Faust
Yelva Myhre	<i>Phrag.</i> Rosalie Dixler x <i>Phrag.</i> <i>kovachii</i> [ <i>peruvianum</i> ]	B. Myhre (A.Manrique)
<b><i>Pleione</i></b>		
Celebration	<i>Pln.</i> Mandalay x <i>Pln.</i> Orizaba	S. James
Kathmandu	<i>Pln.</i> Quizapu x <i>Pln.</i> Muriel	S. James
La Digue	<i>Pln.</i> Fiona Hall x <i>Pln.</i> Litton Dale	E. Locke
Turkana	<i>Pln.</i> Salek x <i>Pln.</i> Shantung	I. Butterfield
<b>x <i>Proguarleya</i></b>		
Duckitt's Orange Spider	<i>Ctt.</i> [ <i>Slc.</i> ] Duckitt Ruby x <i>Psh.</i> [ <i>Epi.</i> ] <i>vitellina</i>	Duckitt
<b><i>Pterostylis</i></b>		
Aussie Spirit	<i>Ptst.</i> <i>furcata</i> x <i>Ptst.</i> <i>ingens</i>	D. Mellard (O/U)

NAME	PARENTAGE	REGISTERED BY
<b>x Rechingera</b>		
Duckitt's June Surprise	<i>Lcn. [Lc.] Helen Christie x Rlc. [Blc.] Cape Blush</i>	Duckitt
Duckitt's Oriole	<i>Rth. [Blc.] Cashens' Silk D'Or x Lcn. Meadow Bright</i>	Duckitt
Oro Verde Estrella	<i>Lc. Puppy Love x Rth. [Pot.] Shinfong Little Love</i>	Oro Verde (E.Verástegui)
<b>x Renades</b>		
Bharat Ki Shaan	<i>Ren. imschootiana x Aer. crispata</i>	Himalayan Orch. (U.C.Pradhan)
<b>Renanthera</b>		
Yuvaan Chandra Pradhan	<i>Ren. imschootiana x Ren. Mauricette Brin</i>	Himalayan Orch. (U.C.Pradhan)
<b>x Rhyncattleanthe</b>		
Burdekin Golden Dawn	<i>Rlc. [Blc.] Gerard Scalia x Rth. [Blc.] Burdekin Gold</i>	R.J.&J.M.Hopkins (S.Scalia)
Burgundi Premia	<i>Rlc. [Pot.] Little Toshie x Ctt. Seagulls Raindrop</i>	Villagra & Sargentoni
Cape Green Winter	<i>Ctt. [Slc.] Duckitt Ruby x Rlc. [Blc.] Nobile's Golden Horizon</i>	Duckitt
Cape Pink Spot	<i>Rth. Wakurdal x C. walkeriana</i>	Duckitt
Cape Snowflake	<i>Ctt. [C.] Antarctic Aurora x Rlc. [Bc.] Duckitt's White Lightening</i>	Duckitt
Cape Watermelon	<i>Rlc. [Blc.] King of Taiwan x Rth. [Pot.] Harg Tay</i>	Duckitt (Brother)
Cherry Harbor	<i>Rlc. Golden Harbor x Rth. Cherry Sound</i>	M.Inamine
Cherry Sound	<i>C. Cherry Chip x Rth. [Blc.] Love Sound</i>	M.Inamine
Darling Top Spot	<i>Rth. Cape Pink Spot x Rlc. [Bc.] Duckitt's White Lightening</i>	Duckitt
Duckitt Mint	<i>Rlc. [Blc.] King of Taiwan x Rth. [Pot.] One Love</i>	Duckitt
Duckitt's Butternut	<i>Ctt. [Slc.] Duckitt Ruby x Rth. [Thw.] Duckitt's Antique Silk</i>	Duckitt
Duckitt's Coral	<i>Rlc. [Rsc.] Brunswick Blood x Ctt. Duckitt Ruby</i>	Duckitt
Duckitt's Orange Silk	<i>Rth. [Blc.] Cashens' Silk D'Or x Ctt. Duckitt Ruby</i>	Duckitt
Free Magic	<i>Rth. [Pot.] Free Spirit x C. [Lc.] Tokyo Magic</i>	Akatsuka Orch Gdns. (O/U)
George Pobuda	<i>Rth. [Blc.] Izumi Charm x Rlc. [Pot.] Love Call</i>	F.Clarke
Golden Child	<i>Rlc. [Pot.] Haw Yuan Gold x Rth. Peaches</i>	B.Oliveros
Happy Happy Joy Joy	<i>Rth. [Pot.] Demi Deva x C. [Slc.] Seagulls Apricot</i>	B.Oliveros
Kita Karano Hana	<i>Rlc. [Blc.] Goldenzelle x Rth. [Pot.] Free Magic</i>	Akatsuka Orch. Gdns.
Lemon Drop	<i>Rlc. [Blc.] Ivan Sng x Ctt. [Lc.] Varut Startrack</i>	R.E.Garcia
Lestrat	<i>Rth. [Blc.] Dennis Kone x C. bicolor</i>	B.Oliveros
Lovely Martha	<i>Rth. [Blc.] Fuchs Orange Nuggett x Rth. [Pot.] Martha Clarke</i>	S.Benjamin (F. Clarke)
One Love	<i>Rth. [Pot.] Pukalani Golden Star x Ctt. Little Fairy</i>	J.Newman
Oro Verde Neiva	<i>Ctt. Chocolate Doce x Rlc. [Blc.] Toshie Aoki</i>	Oro Verde (E.Verástegui)
Peaches	<i>Rlc. [Blc.] Modesty x Rth. [Blc.] Bouton D'Or</i>	B.Oliveros
Sylvia Wagner	<i>C. [Slc.] Circle of Life x Rth. [Pot.] Elaine Taylor</i>	F.Clarke
Tai-Ho Ling	<i>Rlc. [Pot.] Luna Jaune x Ctt. [Slc.] Barefoot Mailman</i>	W.-T.Cheng
Yun Lin Free	<i>C. [Lc.] Aloha Case x Rth. [Pot.] Tzeng-Wen Free</i>	Pei-Yi Lee
<b>x Rhynchobrassoleya</b>		
S. y N. Gran Antonio	<i>B. perrinii x Rlc. [Blc.] Oconee</i>	Caneva & Gomez
<b>Rhyncholaeliocattleya</b>		
Aladdin	<i>C. [S.] alaorii x Rl. [B.] digbyana</i>	Hiroyasu Ide
Alice Bennett	<i>Rlc. [Blc.] Burdekin Storm x Rlc. [Pot.] Burdekin Ruby</i>	J.&K.Green
Asia Pacific	<i>Rlc. [Blc.] Yen Twentyfour Carat x C. [Lc.] Tainan City</i>	Noisuwana
Boywi Meadow	<i>Rlc. [Blc.] Leaflet x Rlc. [Blc.] Meadow Morn</i>	B-Y.Ni
Boywi Rainbow	<i>Rlc. [Blc.] Sanyung Ruby x Rlc. [Blc.] Tzeng-Wen Beauty</i>	B-Y.Ni
Burdekin Fiesta	<i>Rlc. [Blc.] Golden Canefields x Rlc. [Blc.] Erin Kobayashi</i>	R.J.&J.M.Hopkins (S.Scalia)
Burdekin Pearl Trader	<i>Rlc. [Blc.] Burdekin Pearl x Rlc. Dream Trader</i>	R.J.&J.M.Hopkins
Burdekin Sea Pearl	<i>Rlc. [Blc.] Burdekin Pearl x Rlc. [Blc.] Chincogan</i>	R.J.&J.M.Hopkins
Capalaba Charm	<i>Rlc. [Bc.] Island Charm x C. [Sc.] Dal's Choice</i>	E.Locke
Cape Maroon Velvet	<i>C. [L.] Starry Sky x Rlc. [Pot.] Ryo Iwata</i>	Duckitt (Brother)
Carlos Mattos	<i>Rlc. Flora Seki x Rlc. [Pot.] Samba Art</i>	R.Da Cunha Pereira
Chomthong Fancy	<i>Rlc. [Blc.] Laddawan Beauty x Rlc. [Blc.] Haadyai Delight</i>	S.Tanhekorn
Chris Tomaszkiwicz	<i>Rlc. [Blc.] SunCoast Sunspots x Rlc. Sun Spots</i>	F.Clarke
Chunfong Little Sun	<i>Rlc. [Blc.] Tzeng-Wen Beauty x Rlc. [Blc.] Guanmiao Canary</i>	Chun Fong Orchids
Diamond Pearl	<i>C. Tiffin Bells x Rlc. [Blc.] Burdekin Bells</i>	K.Sangsanguen
Duckitt Cerise	<i>Rlc. [Rsc.] Brunswick Blood x Rlc. [Blc.] Cape Blush</i>	Duckitt
Duckitt's Blush	<i>C. Empress Bells x Rlc. [Blc.] Cape Blush</i>	Duckitt
Ed Gilliland	<i>Rlc. [Blc.] Burdekin Wonder x C. Lucille Small</i>	Krull-Smith
Fen Yuan Yuki	<i>C. [Lc.] Aloha Case x Rlc. [Blc.] Kuwale Gem</i>	Chun Fong Orchids

NAME	PARENTAGE	REGISTERED BY
Flora Seki	C. [Lc.] Florália's Triumph x Rlc. [Blc.] Takanao Seki	R.Da Cunha Pereira (O/U)
Fortuna de Orquimel	Rlc. [Blc.] Bold Ruler x C. <i>bicolor</i>	D.Fortuna
King Midas' Gold	Rlc. [Blc.] George King x Rlc. [Pot.] Haw Yuan Gold	B.Oliveros
Mauna Kea	Rlc. [Bc.] Mount Hood x Rl. [B.] Aristocrat	B.Oliveros
Mikawa Afton	Rlc. [Pot.] Memorial Gold x Rlc. [Blc.] Memoria Helen Brown	G.Kinbara
Mikawa Elegance	C. [Lc.] Mari's Song x Rlc. [Blc.] Prince Yuuto	G.Kinbara
Mikawa Excell	C. [Lc.] Hsinying Excell x Rlc. [Pot.] Creation	G.Kinbara
Mikawa Mascot	C. [Lc.] Mini Purple x Rlc. [Blc.] Benimusume	G.Kinbara
Nadia Song	Rlc. [Blc.] Yen Golden Sensation x Rlc. [Blc.] Chia Lin	Noisuwan
Noosa Pearl	Rlc. [Blc.] Tanya T'nt x C. Princess Bells	J.&K.Green
Oro Verde Rubí	Rlc. [Pot.] Kat E-Sun x Rlc. [Blc.] Chyong Guu Chaffinch	Oro Verde (E. Verástegui)
Oro Verde Tiago	C. [Lc.] Mikkie Nagata x Rlc. [Blc.] Toshie Aoki	Oro Verde (E.Verástegui)
Pamela Ann Oliveros	Rlc. Salmon Sensation x Rlc. [Pot.] Edith North	B.Oliveros
QOS 80th Anniversary	C. [Lc.] Mari's Song x Rlc. [Blc.] Burdekin Springtime	Aranbeem
Ryoko	Rlc. [Pot.] Memoria Yoshi Tsubaki x Rlc. [Blc.] Volcano Classic	Akatsuka Orch Gdns.
S. y N. Venas de Fuego	C. <i>bicolor</i> x Rlc. [Pot.] Sweet Sugar	Caneva & Gomez
Taiwan Golden Peacock	Rlc. [Blc.] Tainan Gold x Rlc. [Blc.] Jac Golden Peacock	Orchis Flor.
<b>x Rhynchorides</b>		
Chang Korah	<i>Aer. houlettiana</i> x <i>Rhy. gigantea</i>	P&K.Chutimataewin
<b>x Rodrurnia</b>		
Helmut Rohrl	<i>Rrm.</i> Apple Hollow x <i>Tolu.</i> [Onc.] Irene Gleason	Okika (H.Rohrl)
Ulludulla	<i>Rrm.</i> Stanley's Choice x <i>Tolu.</i> [Onc.] John Evans	E.Beehag
<b>Sarcochilus</b>		
Cherie Ice	<i>Sarco.</i> Hot Ice x <i>Sarco.</i> Cherie	P.J.Hockey
Cherie's Wish	<i>Sarco.</i> Fitzhart x <i>Sarco.</i> Cherie's Joy	P.J.Hockey (O/U)
Golden Heart	<i>Sarco. hartmannii</i> x <i>Sarco.</i> Rebecca	P.J.Hockey
Humming Santa	<i>Sarco.</i> Humming Bird x <i>Sarco.</i> Hot Santa	P.J.Hockey
Joyful Cherie	<i>Sarco.</i> Cherie x <i>Sarco.</i> Cherie's Joy	P.J.Hockey (O/U)
Kara	<i>Sarco.</i> Racheal x <i>Sarco.</i> Hot Santa	P.J.Hockey
Mara	<i>Sarco.</i> Edith x <i>Sarco.</i> Maria	P.J.Hockey
Mark's Wish	<i>Sarco.</i> Cherie's Wish x <i>Sarco.</i> Sweetheart	P.J.Hockey
My Min Min	<i>Sarco.</i> Humming Bird x <i>Sarco.</i> Min Min	P.J.Hockey
Opal's Dream	<i>Sarco.</i> Ella x <i>Sarco.</i> Magenta	P.J.Hockey
Stardust Castle	<i>Sarco. hartmannii</i> x <i>Sarco.</i> Hot Santa	P.J.Hockey
Sundaani Ice	<i>Sarco.</i> Burgundy on Ice x <i>Sarco.</i> NABIAC	P.J.Hockey
Sundaani's Grace	<i>Sarco.</i> Fitzhart x <i>Sarco.</i> Grace	P.J.Hockey
Sundaani's Hart	<i>Sarco. hartmannii</i> x <i>Sarco.</i> Flirting	P.J.Hockey
Sundaani's Joy	<i>Sarco. hartmannii</i> x <i>Sarco.</i> Joyful Cherie	P.J.Hockey
Sundaani's Kirra	<i>Sarco.</i> Leanne x <i>Sarco.</i> Kirra-Lea	P.J.Hockey
Sundaani's Wish	<i>Sarco.</i> Cherie's Wish x <i>Sarco.</i> Magenta	P.J.Hockey
Woodside	<i>Sarco.</i> Fitzhart x <i>Sarco.</i> Zoe's Best	P.J.Hockey
Zoe's Best	<i>Sarco.</i> Zoe x <i>Sarco.</i> Sophie	P.J.Hockey (O/U)
<b>x Schunkeara</b>		
Suave	<i>Alcra.</i> [Bllra.] Gypsy Queen x <i>Oip.</i> [Odtna.] Susan Bogdanow	Mauna Kea Orch. (J.W.McCully)
<b>x Sergioara</b>		
Yokosuka Story	<i>Rth.</i> [Pot.] Free Spirit x <i>Epc.</i> René Marqués	M.Takahashi
<b>x Sudalycenaria</b>		
Liberty Lime Rose	<i>Lmc.</i> [Lyc.] Mark x <i>Bif. inodora</i>	Ch.Swoboda
<b>x Sweetara</b>		
Suf 4	<i>Van.</i> [Vpda.] Rungsan x <i>Pps.</i> [Phal.] <i>serpentilingua</i>	S. Atamakulstri
Tan Jiew Hoo	<i>Pv.</i> [Pvd.] Sze Chain Fai x <i>Van.</i> [Vasco.] Prapawan	Gardens Bay (Law Moi Hwa)
<b>Tolumnia</b>		
Bendalong	<i>Tolu.</i> [Onc.] Perreira's Choice x <i>Tolu.</i> Red Rhapsody	E.Beehag
Bewong	<i>Tolu.</i> [Onc.] Robsan's Fortune x <i>Tolu.</i> Red Rhapsody	E.Beehag
Marloo	<i>Tolu.</i> [Onc.] Bewong x <i>Tolu.</i> [Onc.] Tom Wilson	E.Beehag

NAME	PARENTAGE	REGISTERED BY
<b>Vanda</b>		
Crownfox Freckles	<i>V. luzonica</i> x <i>V. Arlene Maguire</i>	R.F.Orchids
Elisabeth Barnea	<i>V. Carol Holdren</i> x <i>V. Ray Robinson</i>	R.F.Orchids
Gemma Matthews	<i>V. Carol Holdren</i> x <i>V. Manuvadee</i>	R.F.Orchids
Himalayan Dragon	<i>V. stangeana</i> x <i>V. cristata</i>	Himalayan Orch. (U.C.Pradhan)
Honeymoon	<i>V. [Ascda.] Renu Gold</i> x <i>V. Arunee's Honey Moon</i>	P.Bamrung
Jordan Richman	<i>V. Kultana Gold</i> x <i>V. Chao Praya Sapphire</i>	R.F.Orchids (Patsanan Nurs.)
Margaret Fauber	<i>V. luzonica</i> x <i>V. Fuchs Sunbeam</i>	R.F.Orchids
Pannawat	<i>V. Fantastic Fanfare</i> x <i>V. Prayard Muang Ratch</i>	P.Bamrung
Paul and Michell	<i>V. [Ascda.] Hilo Rose</i> x <i>V. Princess Blue</i>	Eng X.V.Tan (O/U)
Pink Fairy	<i>V. [Neof.] falcata</i> x <i>V. [Ple.] teres</i>	I.J.Saldana (O/U)
Ruchiroj	<i>V. [Ascda.] Varut Leopard</i> x <i>V. Fantastic Fanfare</i>	P.Bamrung
Simorrah	<i>V. [Ascda.] Fuchs Harvest Moon</i> x <i>V. [Ascda.] Fuchs Gold</i>	Eng X.V.Tan (O/U)
Siwaporn Gold	<i>V. [Ascda.] Renu Gold</i> x <i>V. Nopporn Gold</i>	P.Bamrung
Thanakorn	<i>V. [Ascda.] Fuchs Golden Shiner</i> x <i>V. [Ascda.] Tubtim Velvet</i>	R.F.Orchids Patsanan Nurs.)
The Rajamohans	<i>V. [Ascda.] Betty May Steel</i> x <i>V. Somsri Pink</i>	Eng X.V.Tan (O/U)
Wolfgang	<i>V. SM. Delight</i> x <i>V. Thong Chai</i>	Eng X.V.Tan (O/U)
<b>x Vandaeopsis</b>		
Kdares Blue Girl	<i>V. [Ascda.] John De Biase</i> x <i>Phal. Ruey Lih Beauty</i>	Kdares (Tsai Chi-Chu)
Kdares Orange Cinderella	<i>V. [Ascda.] Suksamran Sunlight</i> x <i>Phal. equestris</i>	Kdares (Tsai Chi-Chu)
Kdares Orange Girl	<i>Vdnps. [Ascps.] Irene Dobkin</i> x <i>Phal. aphrodite</i>	Kdares (Tsai Chi-Chu)
Kdares Orange Venus	<i>V. [Ascda.] Suksamran Sunlight</i> x <i>Phal. aphrodite</i>	Kdares (Tsai Chi-Chu)
<b>x Zygonisia</b>		
Blue Danube	<i>Zns. Cynosure</i> x <i>Zns. Roquebrune</i>	Okika



## REGISTRAR'S NOTES FOR APRIL–JUNE 2014

### Natural genus new to registration

*Chytroglossa* [Chyt.]

### Species new to registration

*Chysis tricostata* Schltr.

*Chytroglossa aurata* Rchb.f.

*Chytroglossa marileoniae* Rchb.f.

*Dendrobium shixingense* Z.L.Chen, S.J.Zeng & J.Duan.

*Encyclia recurvata* Schltr.

### New hybrid genera

x *Sudalycenaria* [Syc.] J.M.H.Shaw = *Bifrenaria* Lindl. x *Lycaste* Lindl. x *Sudamerlycaste* Archilla

x *Dineclia* [Dii.] J.M.H.Shaw = *Dinema* Lindl. x *Encyclia* Hook.

### New combination

*Phalaenopsis ubonensis* (O.Gruss) J.M.H.Shaw comb. nov. Basionym: *Doritis ubonensis* O.Gruss in *Die Orchidee* 65 (4): 318–321 (1 August 2014).

### New Groups and cultivars

x *Brassolaelia* Suzette Chaney grex '**Estrella Cubana**' Made, selected and named by Lorenzo Suárez Guerra, Genetics Department, National Institute of Agricultural Science in Mayabeque, Cuba. Derived from *Laelia rubescens* var. *oculata* x *Brassavola nodosa*. Pollination Aug 2007; first flowering Aug 2013. Description: Epiphytic plant. Conical and compressed pseudobulbs with one or two leaves. Leaves fleshy and semiterete, 10–15 x 1–1.5cm. Inflorescences terminal, 10–20cm long. Flowers one to four, 10–12cm across. Sepals elongate, white and deep rose, 5.5–6 x 0.5cm. Petals elongate, 5.5–6 x 0.5cm. Lip 4.5 x 2.5cm, white with a dark blotch near yellow on the lip centre. Column very short.

*Encyvola* Florida Bay grex '**Rumbera Oriental**' Bred, selected and named by Lorenzo Suárez Guerra, Genetics Department, National Institute of Agricultural Science in Mayabeque, Cuba. Derived from *Brassavola nodosa* x *Encyclia pyriforme*. Pollination: July 2008; first flowering August 2013. Description: Epiphytic plant. Conical and compressed pseudobulbs with one or two leaves. Leaves fleshy, 10–15 x 2–2.5cm. Inflorescences terminal, 10–20cm long. 1–2 flowers, 8–12cm across. Sepals elongate, lavender-rose, 4.5–6.0cm long, 0.5cm broad. Petals elongate, lavender-rose, 5–5.5cm long, 0.7cm broad. Lip 4.5–5.0 x 3cm, lavender-rose with rose purple sport and white blotch near the base. Column very short.

*Paphiopedilum* Wellesleyanum grex, **Rungsan Leucosianae Group**. Made and named by Rungsan Viraphandhu, Thailand. Parentage *Paphiopedilum godefroyae* var. *leucochilum* x *Paphiopedilum concolor* var. *longipetalum* [syn. *Paphiopedilum josianae*\*]. Pollination date unknown; first flowering 11 Jun 2014. Description: Flower with creamy-ivory tepals with rows of maroon dots and bars on dorsal sepal and petals. Pouch with a few speckles around rim, otherwise cream. Petals downswep, oblong, margins slightly wavy.

\* An additional name has been made available for *Paphiopedilum concolor* var. *longipetalum* at species rank as *Paphiopedilum josianae*. See downloadable PDF at: [www.richardiana.com/pdfRich/Richardiana-vol14-20-Paphiopedilum.pdf](http://www.richardiana.com/pdfRich/Richardiana-vol14-20-Paphiopedilum.pdf)

The following Group names are established within *Cattleya* Penny Kuroda grex.

**Cattleya Penny Kuroda Group**. Flowers peloric, sepals white with coloured dots, petals similar to lip usually pink to purple.

**Cattleya Sophia Martin Group**. Flowers non-peloric, sepals white to pink with maroon mottling and dots; petals with deeper pink-purple colour and maroon dots towards the tips; lip mostly white with distinct reddish purple midlobe.

**Cattleya Caudebec Group** (Penny Kuroda x Sophia Martin). Flowers non-peloric, sepals and petals similar usually white with red to purple dots over all the surface. Lip white with distinctive coloured red to purple midlobe.

**Cattleya Francisco Sueiro Group** (Sophia Martin x Caudebec). Flowers non-peloric, sepals and petals similar, with random red to purple dots over a white to light green background; lip usually white with a distinctive red to purple midlobe.

### CORRECTION TO *Sander's List of Orchid Hybrids 3 Year Addendum 2011–2013*

Pages 359 and 360: the registrant's name for the following hybrids should be corrected:

*Oncostele* Mona Lisa – J. Fang

*Oncostele* Sang's Goldstar – Sang

*Oncostelopsis* Sang's Elfenstern – Sang

These errors were caused by data corruption during extraction and typesetting, and affect the printed version only. The original entries in the registration database as displayed on the RHS website are unaffected.

### Genus abbreviations and List of hybrid genera available

A list of abbreviations for orchid genera and a list of orchid hybrid genera with components (as currently used in registration †) are now available as free downloadable documents from the RHS website, as are the quarterly supplements of new orchid hybrids; visit: [www.rhs.org.uk/plants/plantsmanship/plant-registration/Orchid-hybrid-registration](http://www.rhs.org.uk/plants/plantsmanship/plant-registration/Orchid-hybrid-registration)

Scroll down the page to find the links:

• **Abbreviations for orchid genera**

[www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-name-abbreviations-list](http://www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-name-abbreviations-list)

– an alphabetical list of abbreviations for orchid genera, as used in *Sander's List* (Adobe Acrobat pdf 52kB).

• **List of genera with components**

[www.rhs.org.uk/plants/pdfs/plant-registration-forms/list-of-orchid-genera-with-components](http://www.rhs.org.uk/plants/pdfs/plant-registration-forms/list-of-orchid-genera-with-components)

– this list includes the new hybrid genera used in registration following the classification proposed in *Genera Orchidacearum* volume 4 (2005). (Adobe Acrobat pdf 208kB).

• **Orchid hybrid lists**

[www.rhs.org.uk/about-the-rhs/publications/orchid-hybrid-lists](http://www.rhs.org.uk/about-the-rhs/publications/orchid-hybrid-lists)

– a list of supplements available as PDFs to download.

† As in the current *Sander's List of Orchid Hybrids 3 Year Addendum 2008–2010* (published May 2011).

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## REGISTERING OF NEW ORCHID HYBRIDS AND SEARCHING THE ONLINE REGISTER

The Register may be searched online at:

[apps.rhs.org.uk/horticulturaldatabase/orchidregister/orchidregister.asp](http://apps.rhs.org.uk/horticulturaldatabase/orchidregister/orchidregister.asp)

The Registration application form may be downloaded for use from:

[www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration](http://www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration)

A Japanese-language version of the application form is available at:

[www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration-in-japanese](http://www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration-in-japanese)

• Apply for registration by post to:

International Orchid Registration, 83 Victoria Road, Selston, Nottinghamshire NG16 6AR, UK.

Tel. +44(0) 1773 511814. Fax: +44(0) 115 876 7963. Email: [orcreg@rhs.org.uk](mailto:orcreg@rhs.org.uk)

• The fee is £10.00 (US\$16.50) per registration.

Due to the bank charges for a dollar cheque now exceeding the registration fee, the RHS cannot accept dollar cheques for single applications. Please use a credit card where possible, or send a single cheque for several applications together.

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# NEWSLETTER

OF THE RHS ORCHID HYBRID REGISTRATION ADVISORY GROUP (OHRAG)  
NO. 5, SEPTEMBER 2014

Welcome to the annual newsletter from OHRAG. The group is primarily concerned with matters that affect the registration of orchid hybrids, particularly nomenclature and procedures. This newsletter presents information drawn from items that have arisen during the last year.

## Changes in OHRAG membership

During the past year, Peter Furniss (USA) and Frank Röhlke (Germany) have both left OHRAG; we would like to thank them for their valuable input and observations, and wish them well for the future. So far there is one new member, Marei Karge-Liphard of Orchideengarten Nursery, Germany, who we are pleased to welcome.

## Peter Hunt (1936–2013)

It was with sadness that we learned of the death of the former Orchid Registrar, Peter F. Hunt on 31 December 2013. Together with his wife Doreen he was involved in operating the Register of orchid hybrids from 1990 until his retirement in February 2001. Originally working as an orchid botanist in the herbarium at Kew from 1959 to 1971, Peter was a member of the RHS Orchid Committee from 1960 to 1982, and of RHS ORAC (now the Orchid Hybrid Registration Advisory Group) from 1992 to 2012, acting as Secretary of that Committee from 1997 to 2000. He and his wife Doreen were largely responsible for the production of three Addenda to *Sander's List of Orchid Hybrids* from 1986–90 to 1996–98. With the late Jack Greatwood and Phillip Cribb, he helped to revise the Society's *Handbook on Orchid Nomenclature and Registration* for its second, third and fourth editions. He was also the author of five books including *Discovering Botany* (1979), *Orchidaceae* (1973), *The Country Life Book of Orchids* (1978), and *The International Book of Orchids* (1979), and *The Orchid* (1987) with photography by Takashi Kijima, edited a further five translations and adaptations, wrote 19 scientific papers and numerous book reviews. He was also a past Secretary to the International Orchid Commission, to the British Orchid Council, and Programme Secretary and Newsletter Editor of the Wiltshire Orchid Society. The 107th volume of *The Orchid Review* was dedicated to him "in recognition of this huge commitment to orchids, so painstakingly undertaken."

He was a generous, kindly and helpful man who was ever ready to share his wide expertise, or to entertain with anecdotes from his full life. An obituary appeared in *The Orchid Review* 122 (1305): 12 (March 2014).

× *Peterhuntara*, a hybrid genus for the combination *Papilionanthe* × *Phalaenopsis* × *Rhynchostylis* × *Vanda*, was recently named in his honour.

## Genera *Orchidacearum* volume 6 – Further changes to genera

Since the publication in February 2014 of *Genera Orchidacearum* volume 6, the final volume of the series, the following additional changes have come to light, which have all been enacted in the Register.

- *Psychopsiella* has been reinstated as distinct from *Psychopsis*.
- *Arachnis breviscapa* has been transferred to *Dimorphorchis*. This is the first time that *Dimorphorchis* has appeared in the Register and several new hybrid genera were required to accommodate the hybrids. For details see *Phytotaxa* 161 (1): 61–85 (20 Feb 2014).

## The use of numerals and alphanumeric codes as grex epithets

Occasionally, numerals have been accepted in registered grex epithets as part of a name, such as *Phalaenopsis* Nankung's 4.55 PM, apparently based on the title of a popular song. More recently, several breeders in Taiwan have begun using alphanumeric codes as grex names, such as *Phalaenopsis* Ben Yu JM 167, or *Phalaenopsis* Fuller's 3476. These designations may already usefully exist in the nursery as cross or seedling numbers, or



even as cultivar epithets for statutory plant protection, hence their use is understandable. However, OHRAG takes the view that they are codes rather than names, and as they may differ by only one digit from another designating a very different hybrid, it is felt that the use of these as grex epithets could easily lead to confusion, particularly on handwritten labels. Hence, OHRAG has recommended that such alphanumerical codes no longer be accepted for registered grex epithets. Breeders are advised that there is a place on the application form in the top left hand corner to record the alphanumerical cross code, and that this code is recorded in the registration database. However, it would be appreciated if real names, rather than codes, could be proposed as grex epithets in future applications.

Numerals will continue to be used in the register when they are part of a longer name, or as a year of publication or registration to distinguish between homonyms (identical names), and in situations where unregistered and unnamed historical hybrids are entered in the register as in the case of *Phalaenopsis* Guillaumin unnamed 4 (*Phal. mannii* × *Phal. Wiganiae*) as found in Guillaumin, A. (1930) *Arch. Mus. Nat. Hist. Natur.* 6 (6): 75–79.

## Registration by email

An increasing number of applications are now dealt with entirely by email. While a web page that provides an electronic service for applications is still some way off, the registration team is happy to accept applications by email. A downloadable application form in PDF format is available at:

[www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration](http://www.rhs.org.uk/plants/pdfs/plant-registration-forms/orchid-hybrid-registration)

This may be filled out electronically and sent as an email attachment to [orcreg@rhs.org.uk](mailto:orcreg@rhs.org.uk)

If your software does not allow you to write on the form, there are several options. Some print out the application form, fill it out and then scan the page and send that as an attachment. Others produce their own template, closely following the layout and wording of the original application form, using a word processing program. They are then able to fill out this template and, after saving a copy, attach it to an email. Still others prefer to use a spreadsheet such as Excel to email applications, and a few simply type the details in an email following the order in which information appears on the application form. The main requirement is that the resulting application request should be clear and legible to the RHS orchid registration team.

We try to operate a paperless system for electronic applications, so please try to avoid applications that are presented upside-down, or very dark and difficult to read. Even if you apply by post, including an email address helps to speed up a response.

## Why are there sometimes several names for the same hybrid in the Register?

This is a question frequently asked of the registrar. Popular wisdom suggests that because there is only one correct name for each plant, the Register should list only one name for each hybrid. Perhaps because the grex is parentage-defined and consequently the Register can be used to trace a plant's pedigree, some draw a parallel with pedigree registers for animals, and in consequence anticipate only one entry for each hybrid. However, to answer this query let us consider what the purpose of the Register is. The function of a plant register is primarily to act as a nomenclatorial tool, or nomenclator, as they are sometimes called. That is, an annotated checklist from which one can obtain information about a name, enabling one to answer such queries as, is this name valid? How does it apply? Is this the correct name for a plant? And, is this plant or hybrid known under other names?

To provide answers to these sorts of queries more is needed than just a list of accepted names; one must include as many names known to be in use as possible and provide enough information about them to satisfy enquirers. The RHS Horticultural Taxonomy unit operates registers for several other plant groups in addition to orchids, including *Clematis*, conifers, *Dahlia*, *Delphinium*, *Dianthus*, *Lilium*, *Narcissus*, and *Rhododendron*, and these are now styled as “Register and Checklist of...” to reflect this nomenclatorial function. You may have noticed this subtle change in the title of the Orchid Register supplements issued with *The Orchid Review*.

If one comes across an unfamiliar plant perhaps in a nursery catalogue, or even in an old journal, how is one going to discover further information? This is where the registers come in. These registers provide details on the original place of publication for a name, its synonyms, and often a description or parentage details. They also indicate if the name in question should be used or if it is a synonym of another name. In short, a register aims to provide a universal index to all names within its particular remit. Therefore, its use and function extends far beyond use in judging for awards or seeking parentage in breeding programs.

## **Cattleya Penny Kuroda**

In the April 2014 issue of *Orchids* (the American Orchid Society's journal), Laura Newton discusses the results of her investigation into Splash-petal *Cattleya* hybrids. She concluded quite convincingly that *Cattleya* Penny Kuroda grex was originally registered with the wrong parentage, *Cattleya* Summer Snow as pod parent instead of *C. Summer Stars*. The result is that there are evidently four different registered names for the same grex, three of which are responsible for distinctive breeding lines. Laura raises interesting questions, including which name takes precedence, and how is this error in the register to be corrected?

In this case the earliest registered name takes precedence, since the mistake in parentage is a correctable error, which does not affect the establishment of the name. That means the basic name for this grex is *Cattleya* Penny Kuroda. But how should this be corrected in the register? If all the resulting hybrids derived from plants with the four available names are treated as having a single parent, many names will become synonyms. Moreover, the different parental hybrids within Penny Kuroda grex have given rise to distinctive breeding lines with peloric or non-peloric flowers, and the lineages would be obscured or easily confused if many of the parents were synonymised. Consequently, the following scheme has been devised in the register. *Cattleya* Penny Kuroda grex is viewed as consisting of four Groups:

- Penny Kuroda Group (peloric);
- Sophia Martin Group (non-peloric);
- Caudebec Group (Penny Kuroda x Sophia Martin);
- Francisco Sueiro Group (Sophia Martin x Caudebec).

Each of these Groups is permitted to retain its lineages within the register, and these are indicated by including the Group name in brackets after the grex epithet: Penny Kuroda (Penny Kuroda Group), Penny Kuroda (Sophia Martin Group) and so on.

## **Rafaël Govaerts and the World Checklist at Kew**

Back in 1988, while a university student in Belgium, Rafaël Govaerts became increasingly concerned about the threat of extinction facing so many plant species and the need for urgent conservation measures. It occurred to him that the first step in identifying which species were most at risk was to obtain a list of all known plants and mark it up. So off he set for the library of the botanic garden in Maise and asked to consult a global list of plants. To his disappointment he found that no such list was available. Not one to be easily discouraged he decided to prepare such a list himself. And so he began, while still a university student, to start work on his global checklist of plants. It so happened that the first entry in his alphabetical list was an orchid, the genus *Aa*. The first volume appeared in print as Govaerts, R. (1995) *World Checklist of Seed Plants 1* (1, 2): 1–483, 1–529. MIM, Deurne.

Now, some 26 years later, Rafaël is employed by Royal Botanic Gardens, Kew to work on a global checklist, which is still growing. The first family to be made available online was *Fagaceae* in 1996. With the resources at Kew, the number of families was expanded. From 2001, efforts focused on the Monocotyledons which were first published online in 2003 as part of the *World Checklist of Monocotyledons* (Monocot Checklist). After completing the monocots, other families have gradually been completed and are currently available online through the *World Checklist of Selected Plant Families* (WCSP). These data in turn provide the basis for *The Plant List*, *Wikispecies* and the *e-Monocots* initiative.

The basic data was drawn from *Index Kewensis*, a Victorian project at Kew to catalogue all published seed plant names that started with a bequest from Charles Darwin, and, from 1999, its online version the *International Plant Names Index* (IPNI). The entries were standardised bibliographically and entered in the WCSP at their appropriate status and rank, along with data on geographical distribution. In other words Rafaël, along with advice from other specialists in particular plant families, has tried valiantly to work out which names are synonyms and list them as such. It is this consultative approach that marks the WCSP as different, authoritative and much more useful than just a list of all published names which inevitably includes many duplicated entries such as synonyms.

The WCSP is updated daily. This is on the basis of small details resulting from feedback from users who spot errors (very few, considering the size of the data set), information from other data users such as *The Plant List*, taxonomists who notice things in the course of their work, and from newly published literature that arrives in the Kew library each week. These updates may range from small notes on additional geographical records to major taxonomic revisions. Then, once a year, there is a major import of all the new annual entries from IPNI. This explains why newly described species usually do not make an immediate debut in the WCSP.

When using the WCSP it is important to remember that it is species-based with a global perspective. Hence >>

most infraspecific names (subspecies, varieties and forms) are listed as synonyms, even though they might be valid concepts, particularly in ecology or horticulture. For orchids, the WCSP follows the generic limits proposed in *Genera Orchidacearum*, and it comes as no surprise therefore that most instances of disputes with the WCSP concern the generic delimitations in orchids. Whether you like the classification proposed in *Genera Orchidacearum* or hate it, it is useful to have an accessible, consistent, international standard when preparing a checklist, particularly when dealing with such a diverse and difficult family as *Orchidaceae*. In general, taxonomic disputes at species level are few. For example, there have been disputes on only four of the 17,077 names in *Myrtaceae* – clearly, this gifted compiler is not the sort to get stuck up a gum tree!

As a general rule, the most recent published taxonomic opinion is followed at specific level unless it is clear from the bibliography that the authors are not aware of recent changes. Experts are consulted for critical taxa and their opinion takes precedence. One challenging area has been dealing with cultivated plants in the WCSP. Since its genesis as a conservation tool the WCSP has only included wild plants. Names of plants that do not occur in the wild are therefore by definition “unplaced”, unless they are cultigens of existing species in which case they are synonymised under them. “Unplaced” is a category indicating that a name cannot be assigned a place within the context of the WCSP. Other reasons for viewing a name as unplaced include: non-compliance with the code of nomenclature; the genus in which it is published is not accepted by the WCSP (hence a new combination is required for it to be placed); or no type specimen is known or the type is too poor to be identified. Currently, Rafaël is considering introducing a new category of “Horticultural name” to avoid the paradox of having to class valid cultivated plant names, such as nothogenera, Latin grex epithets, and artificial hybrids with valid binomials, as “Unplaced”.

In recent years there has been a proliferation of online plant-name lists. While there are many plant data providers online, none reach the standard and utility of the WCSP for several reasons:

- The data are peer reviewed before being released online.
- Global geographical distribution is given for all taxa – aiming to be comprehensive but accurate.
- The data are live so any changes made are visible immediately.
- Many other online data providers use the WCSP data as a backbone.
- The report builder lets you make lists of taxonomic groups or geographical areas as well as count species numbers.

Meanwhile Rafaël is still working away behind the scenes at Kew to enlarge and refine the data in the WCSP. Could this be the greatest student project ever?

Text by Julian Shaw, who would like to thank and acknowledge the valuable input of Rafaël Govaerts (Kew) and Richard Sanford (RHS). ©RHS 2014.



