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

APRIL – JUNE 2018 REGISTRATIONS

INCLUDING

NEWSLETTER

OF THE ORCHID HYBRID REGISTRATION ADVISORY GROUP (OHRAG)

No. 9

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NEW ORCHID HYBRIDS

APRIL – JUNE 2018 REGISTRATIONS

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

NAME	PARENTAGE	REGISTERED BY
		(O/U = Originator unknown)
x Aliceara Mariah	<i>Brat.</i> [Mtssa.] Natália x <i>Alcra.</i> [Bak.] Samurai	D'Andrea
Anguloa Tessa	<i>Ang.</i> Lorna x <i>Ang.</i> Michael Tibbs	R.J.Hartley
x Brassavola Hugging Stars Vinh Long Diamond Star	<i>B. nodosa</i> x <i>B.</i> Grand Stars <i>B. venosa</i> x <i>B. cucullata</i>	Santiago-Leon (O/U) T.A.Truong
x Brassidomesa Golden Stars	<i>Gom.</i> [Bapt.] <i>echinata</i> x <i>Brsdm.</i> Shooting Star	Gold Country
x Brassocatanthe A-Pa Sesame Face Arcana	<i>Ctt.</i> [Slc.] Chaveewan Beauty x <i>Bct.</i> [Blc.] Sun Mei Gold <i>B. nodosa</i> x <i>Ctt.</i> [Lc.] Secret Love	A-Pa Orchids A.Pazo Daniel
x Brassocattleya Alison Gaglioti Edilma's Golden Pet Loc Hoa Red Sunset	<i>B. cucullata</i> x <i>C.</i> Landate <i>B. nodosa</i> x <i>C.</i> [Lc.] Golden Caravan <i>C.</i> Chialin Doll x <i>B. nodosa</i>	M.Gaglioti (J.Lawson) J.L.Ariño (O/U) T.A.Truong
x Bratonia Natália	<i>Milt. candida</i> x <i>Brs. verrucosa</i>	D'Andrea (O/U)
Bulbophyllum AR Autumn Delight C Jerry Sellers Jo Davis Peter Simkins	<i>Bulb.</i> [Cirr.] <i>cercanthum</i> x <i>Bulb. treschii</i> <i>Bulb.</i> [Cirr.] <i>lepidum</i> x <i>Bulb.</i> [Crphm.] Sunshine Queen <i>Bulb. agastor</i> x <i>Bulb.</i> Manchind <i>Bulb.</i> Wilbur Chang x <i>Bulb. facetum</i>	Rowell (O/U) Orchids R Us (J.Sellers) B.Thoms N.Simkins (B.Thoms)
x Cahuzacara S. y N. Danza de Bronce	<i>Rth.</i> [Blc.] Nobile's Ambar x <i>B. perrinii</i>	Caneva & Gomez
Catasetum Charles Fouquette Tarumã	<i>Ctsm. expansum</i> x <i>Ctsm. osculatum</i> <i>Ctsm. juruenense</i> x <i>Ctsm. denticulatum</i>	F.Clarke U.Ferreira
Cattleya Antonia Frering Baby David Corrupta Darcy Salzl George Horace Giselle Margarita Helen Marie Hsinying Yukihime James Morris Kei Purple Kei Ruby Long Harry Mari-Anne Rowell Memoria Rita Cataliotti Mindful Gem Nancy Fornari Newberry Tickle Me Pink Petite Grace Pomegranate Wine Rocio ADV	<i>C.</i> [L.] <i>tenebrosa</i> x <i>C.</i> [L.] <i>sincorana</i> <i>C.</i> [Lc.] Mini Symphony x <i>C.</i> [Lc.] Blue Mood <i>C.</i> [L.] <i>praestans</i> x <i>C.</i> <i>violacea</i> <i>C.</i> [L.] <i>praestans</i> x <i>C.</i> [L.] <i>crispata</i> <i>C.</i> [Slc.] George Hausermann x <i>C.</i> Horace <i>C.</i> [L.] <i>sanguiloba</i> x <i>C.</i> [L.] <i>tenebrosa</i> <i>C.</i> [Lc.] Mari's Love x <i>C.</i> [L.] <i>duveenii</i> <i>C.</i> [Lc.] Shirayukihime x <i>C.</i> [Lc.] Orglade's Glow <i>C.</i> Horace x <i>C.</i> [Sl.] Pole-Star <i>C.</i> [Lc.] Blue Pearl x <i>C.</i> [Lc.] Canhamiana <i>C.</i> [Lc.] Imperial Wings x <i>C.</i> [S.] <i>wittigiana</i> <i>C.</i> [L.] <i>longipes</i> x <i>C.</i> <i>harrisoniana</i> [<i>harrisoniae</i>] <i>C.</i> [Slc.] Seagulls Mini-Cat Heaven x <i>C.</i> Lana Coryell <i>C.</i> <i>schilleriana</i> (1857) x <i>C.</i> Pão de Açúcar <i>C.</i> [L.] Little Sunset x <i>C.</i> [Sl.] Psyche (1902) <i>C.</i> Hawaiian Wedding Song x <i>C.</i> Summer Song <i>C.</i> [Lc.] Schrodераe x <i>C.</i> [Lc.] Kiritsubo <i>C.</i> [S.] <i>bradei</i> x <i>C.</i> [S.] <i>alaorii</i> <i>C.</i> <i>walkeriana</i> x <i>C.</i> [Lc.] <i>dormaniana</i> <i>C.</i> [L.] <i>purpurata</i> x <i>C.</i> [Lc.] Cypheri (1897)	F.Setembrino (Floralia) Jewell Orch. (Johnston) C.Mantovani A.Pinkers (D.S. Caliman) Kasagawa Nurs. F.Clarke J.Jeansonne Ching Hua Gold Country K.Kondo K.Kondo H.L.McDonald (A.Easton) Rowell (O/U) Slaviero (G.Pozzi) Santa Barbara D.Barczuk (N.Fornari) Carter & Holmes Jewell Orch. (Johnston) Mrs.T.Mochizuki A.D.Vastik

NAME	PARENTAGE	REGISTERED BY
Rosella's Angel Princess	C. Dal's Princess x C. [Slc.] Angel Flare	Rosella Orch. (A.S.Eggs)
Rosella's Double Flare	C. Inez Okimoto x C. Rosella's Royal Flare	Rosella Orch.
Royal Cognac	C. [Lc.] Roy Finley x C. Cognac	Wilson Huang
S. y N. Chispas	C. <i>intermedia</i> x C. <i>xpicturata</i>	Caneva & Gomez
Sarah Elizabeth	C. Mark Jones x C. [Lc.] Jungle Elf	F.Clarke
Topaz Acclaim	C. [L.] <i>crispata</i> x C. Topaz Date Night	B.Vieritz
Topaz Date Night	C. Landate x C. <i>milleri</i>	B.Vieritz
Tropical Lass	C. [Lc.] Lass x C. [Lc.] Tropical Sunset	Suwada Orch.
Valeria ADV	C. <i>walkeriana</i> x C. [L.] Pilcheri	A.D.Vastik
x Cattlianthe		
AR Jewel Buddy	C. [Slc.] Charming Jewel x Ctt. [Slc.] Dal's Buddy	Rowell (O/U)
Budai Little Deer	C. [Lc.] Jungle Eyes x Ctt. [Lc.] Varut Startrack	Ching-Cheng Tsai
Fire Spots FCA	C. [Lc.] Tropical Pointer x Ctt. [C.] Chocolate Drop	Terada & Flachsland
Halloween Candy	Ctt. [Lc.] Trick or Treat x C. <i>walkeriana</i>	J.Longwell (P.Carlson)
Hawaiian Starbright	Ctt. [Slc.] Hawaiian Lustre x C. <i>Iodigessii</i>	A.R.Bryant
Jiara Star	Ctt. [Slc.] Jiara Dawn x Ctt. [Lc.] Varut Startrack	P.Donchanda
Katsy Starbright	C. Penny Kuroda (Caudebec Group) x Ctt. Katsy Noda	A.R.Bryant
Pixie Pop	Ctt. [Lc.] Trick or Treat x C. [L.] <i>sanguiloba</i>	Santa Barbara
Rungnapha Beauty	Ctt. [Slc.] Jiara Star x Ctt. [Slc.] Ploenpit Fantasy	P.Donchanda
Tangerine Treat	C. [L.] Latona x Ctt. [Lc.] Trick or Treat	Santa Barbara
x Cattoniphila		
Claudia's Grand Sunrise	<i>Ctna.</i> [Hknsa.] Koolau Sunset x <i>Mcp.</i> [Schom.] <i>grandiflora</i>	Ruben Sauleda
x Catyclia		
S. y N. Mainumbi Porá	<i>E.</i> Cuba Smile x C. x <i>picturata</i>	Caneva & Gomez
x Clowesetum		
Junior Corrêa	<i>Cl.</i> <i>rosea</i> x <i>Ctsm.</i> <i>pulchrum</i>	J.Correa (E.Perazoli)
Cycnoches		
Caloundra Dawn	<i>Cyc.</i> Anne-Kathrin Berger x <i>Cyc.</i> Kevin Clarke	F.Clarke
Cymbidium		
Andrew Legacy	<i>Cym.</i> Devon Parish x <i>Cym.</i> Parish Green	A.Easton
Anniversary Flame	<i>Cym.</i> Dural Flame x <i>Cym.</i> Lunar High	Launceston (Keith Wallace)
Audrey's Delight	<i>Cym.</i> Kirby Lesh x <i>Cym.</i> Son of Freak	P.R.Pujol
Barbara Navarrete	<i>Cym.</i> Madison Falls x <i>Cym.</i> Son of Freak	A.Easton (S.Thai)
Beagle Voyage	<i>Cym.</i> <i>chloranthum</i> x <i>Cym.</i> <i>finlaysonianum</i>	P.Sungwiwek
Beatriz Kunning	<i>Cym.</i> Death Wish x <i>Cym.</i> Arachnid	Royale Orch. (K.Hipkins)
Cara Black	<i>Cym.</i> Jessie Blakiston x <i>Cym.</i> Motor Mouth	Andrew Koch (Guest)
Consolita Sibal	<i>Cym.</i> Gympie Waca x <i>Cym.</i> Pixie Dust	A.Easton
Dang Hoang Mai	<i>Cym.</i> Yamanashi Liberty x <i>Cym.</i> Golden Tiger	A.Easton
Goodbye Dolly	<i>Cym.</i> Carol Channing x <i>Cym.</i> Keiko Kageyama	A.Easton
Gotcha George	<i>Cym.</i> Alice and Ralph x <i>Cym.</i> Crisp Carrot	A.Easton
Hazel's Dragon	<i>Cym.</i> Hazel Tyers x <i>Cym.</i> Satin Dragon	E.Caughlan
Hazel's Tower	<i>Cym.</i> Hazel Tyers x <i>Cym.</i> Tower of Fire	E.Caughlan
Hot Island	<i>Cym.</i> Eternal Flame x <i>Cym.</i> Rhode Island Red	A.Easton
Jack Halpern	<i>Cym.</i> Redondo Sunset x <i>Cym.</i> Galette	E.Caughlan
Keiko's Tower	<i>Cym.</i> Keiko Kageyama x <i>Cym.</i> Icho Tower	E.Caughlan
Kim Jung Un	<i>Cym.</i> Enzan Oberon x <i>Cym.</i> Koushu Tyers	C.Xu
Lin's Vision	<i>Cym.</i> Janis Lin x <i>Cym.</i> Real Vision	Andrew Koch (B.Bailey)
Love in Rarotonga	<i>Cym.</i> Game of Love x <i>Cym.</i> Pacific Sparkle	A.Easton
Mama Betty	<i>Cym.</i> Face Painter x <i>Cym.</i> Bronze Idol	E.Dumaguin (Royale Orch.)
Mighty Moon	<i>Cym.</i> Mighty Tracey x <i>Cym.</i> Full Moon	E.Caughlan
Mighty Son	<i>Cym.</i> <i>iansonii</i> ¹ x <i>Cym.</i> Mighty Mouse	A.Easton
Mika's Dream	<i>Cym.</i> Misaki's Dream x <i>Cym.</i> Finger of Suspicion	E.Dumaguin (T.Kuramura)
Morning Dew	<i>Cym.</i> Ensi Canal x <i>Cym.</i> Summer Elf	Orchidpeople
Morning Sunshine	<i>Cym.</i> Shirley May Walker x <i>Cym.</i> Enzan Shining	Orchidpeople
Mother of Dragons	<i>Cym.</i> Speckles x <i>Cym.</i> Piñata	W.Trimble (Casa de las Orq.)
Peter Sander	<i>Cym.</i> Alban Flyer x <i>Cym.</i> Gala Odyssey	A.Easton
Photharam Apricot	<i>Cym.</i> Ensichlor x <i>Cym.</i> <i>finlaysonianum</i>	P.Sungwiwek
Royal Ruby	<i>Cym.</i> Red Adair x <i>Cym.</i> Valley Vampire	Santa Barbara
Samphao Thong	<i>Cym.</i> <i>baoshanense</i> x <i>Cym.</i> <i>insigne</i>	C.Maknoi (O/U)
Sandra Kunning	<i>Cym.</i> Ron Wiley x <i>Cym.</i> Flaming Pepper	Royale Orch. (K.Hipkins)
Serenade Keesha	<i>Cym.</i> Maria Anania x <i>Cym.</i> Robert Rowe	Royale Orch.

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Cymbidium (continued)		
Simone Friend	<i>Cym.</i> Noni Poland x <i>Cym.</i> Bermagui	A.Easton
Sintra	<i>Cym.</i> George Formby x <i>Cym.</i> Mighty Mouse	A.Easton
Spring in Sikkim	<i>Cym.</i> Sweet Spring x <i>Cym.</i> Langleyense	A.Easton
Valerie's Forest	<i>Cym.</i> Enzan Forest x <i>Cym.</i> Valerie Absolonova	Orchidpeople
Yellow Sky	<i>Cym.</i> <i>tortisepalum</i> x <i>Cym.</i> Elegant Pivot	Q.Luo (C.C.Ding)
Cypripedium		
GPH Fair Garden Princess	<i>Cyp.</i> <i>cordigerum</i> x <i>Cyp.</i> <i>henryi</i>	R.Burch
GPH Quiet Waters	<i>Cyp.</i> <i>cordigerum</i> x <i>Cyp.</i> <i>tibeticum</i>	R.Burch
Memoria Holger Perner	<i>Cyp.</i> <i>fasciolatum</i> x <i>Cyp.</i> <i>cordigerum</i>	S.Urban
Dendrobium		
AF Legacy	<i>Den.</i> Black Spider x <i>Den.</i> Goh Pi Khuan	A. Fattah
Andrew and Caroline Witty	<i>Den.</i> Jaquelyn Concert x <i>Den.</i> <i>striaenopsis</i>	OSSEA (Neo Cheng Soon)
Angel Bouquet	<i>Den.</i> Medalist x <i>Den.</i> Eternal Red	Hirofumi Yamamoto
Anthedon Helius	<i>Den.</i> [Doc.] <i>bowmanii</i> x <i>Den.</i> [Doc.] <i>brevicaudum</i>	G.Dimos
Ayu Larasati	<i>Den.</i> Paul Paquette x <i>Den.</i> Kaifano	E.P.Hendra (R.Silamurti)
Black Beauty	<i>Den.</i> Magenta's Chocolate Curls x <i>Den.</i> Brown Pixie	Coleman's
Blue on Blue	<i>Den.</i> Blue Foxtail x <i>Den.</i> Udom Blue Angel	Stephen Waters
Brilliant Jewel	<i>Den.</i> Brilliant Smile x <i>Den.</i> Charm Lady	Hirofumi Yamamoto
Brimbank Harvest	<i>Den.</i> Avril's Gold x <i>Den.</i> Jesmond Sparkler	M.Drobski
Cherry White	<i>Den.</i> Asian Smile x <i>Den.</i> Medalist	Hirofumi Yamamoto
China Dream	<i>Den.</i> Judy Bailey x <i>Den.</i> Chorthip Ohashi	Dongfang Tengfei (Ong Bor Kia)
Coleman's Frills	<i>Den.</i> Tanamera Charm x <i>Den.</i> Anucha Flare ²	Coleman's (B. Coleman)
Coleman's Red Devil	<i>Den.</i> Speewah Storm x <i>Den.</i> <i>tangerinum</i>	Coleman's
Darren John	<i>Den.</i> Kuranda Mac x <i>Den.</i> <i>carronii</i>	Coleman's
Dragon Eyes	<i>Den.</i> Magic Dragon x <i>Den.</i> Star Shine	Hirofumi Yamamoto
Dream Star	<i>Den.</i> Glory Night x <i>Den.</i> Star Shine	Hirofumi Yamamoto
Emiliya Puspitasari	<i>Den.</i> Edfrans Gem x <i>Den.</i> Zahrah Kechik	E.P.Hendra (R.Silamurti)
Eternal Prince	<i>Den.</i> Happy Glory x <i>Den.</i> Eternal Red	Hirofumi Yamamoto
Fairy Lace	<i>Den.</i> Royal Wedding x <i>Den.</i> Fairy Moon	Hirofumi Yamamoto
Fairy White	<i>Den.</i> Holy Moon x <i>Den.</i> Fairy Lace	Hirofumi Yamamoto
Flamee Harijanto	<i>Den.</i> Peace Star x <i>Den.</i> <i>sutiknoi</i>	Neo Tuan Hong
Gold Medalist	<i>Den.</i> Okayama Gold x <i>Den.</i> Medalist	Hirofumi Yamamoto
Golden Hero	<i>Den.</i> Yellow Angel x <i>Den.</i> Fairy Moon	Hirofumi Yamamoto
Goldlines Guniang	<i>Den.</i> Sanya Glory x <i>Den.</i> Sanya Princess	Goldlines
Greta Red Dream	<i>Den.</i> Red Ballerina x <i>Den.</i> Topaz Dream	D.Cruickshanks
HH Dr Syedna Mufaddal Saifuddin	<i>Den.</i> Adisakdi White x <i>Den.</i> Bangkok Fancy	Woon Leng Nurs. (Ong Bor Kia)
Happy Joy	<i>Den.</i> Gold Moon x <i>Den.</i> Rainbow Moon	Hirofumi Yamamoto
Happy Yellow	<i>Den.</i> Fancy Paradise x <i>Den.</i> Peach Ribbon	Hirofumi Yamamoto
Helen Patricia	<i>Den.</i> Lorraine's Choice x <i>Den.</i> <i>canaliculatum</i>	Coleman's
Holy Land	<i>Den.</i> Holy Song x <i>Den.</i> Cassiope	Hirofumi Yamamoto
HongXia B2017	<i>Den.</i> Rinappa x <i>Den.</i> Jaquelyn Concert	Goldlines (O/U)
Hsinying Anosweetscent	<i>Den.</i> <i>anosum</i> x <i>Den.</i> Hsinying Sweetscent	Ching Hua
Hsinying Nestor Sweet	<i>Den.</i> Nestor x <i>Den.</i> Neifert's Sweet Leilani	Ching Hua
Hsinying Superscent	<i>Den.</i> Neifert's Sweet Leilani x <i>Den.</i> Supernestor	Ching Hua
J.N. Rentoul	<i>Den.</i> <i>melinanthum</i> x <i>Den.</i> <i>chrysopterum</i>	U.Knecht
Jackson Bailey	<i>Den.</i> Cherub x <i>Den.</i> <i>canaliculatum</i>	G.Martin (M.Pritchard)
Joyful Lady	<i>Den.</i> Joyful Day x <i>Den.</i> Red Emperor	Hirofumi Yamamoto
Kanoa	<i>Den.</i> Cute Dress x <i>Den.</i> Comet King	Hirofumi Yamamoto
Kanoa Red	<i>Den.</i> Kanoa x <i>Den.</i> Red Emperor	Hirofumi Yamamoto
Kuranda Flare	<i>Den.</i> Kuranda Classic x <i>Den.</i> Anucha Flare ²	Coleman's
Lai's Colorful World	<i>Den.</i> Lai's Saumei x <i>Den.</i> Omokage	C.L.Lai
Laurent Minet	<i>Den.</i> <i>glomeratum</i> x <i>Den.</i> <i>aurantiroseum</i> ¶	U.Knecht (L.Minet)
Lucky Flower	<i>Den.</i> Lucky Dress x <i>Den.</i> Golden Smile	Hirofumi Yamamoto
Lullaby	<i>Den.</i> Adel x <i>Den.</i> Brilliant Smile	Hirofumi Yamamoto
Magenta's Carronatum	<i>Den.</i> <i>carronii</i> x <i>Den.</i> <i>antennatum</i>	R.P.Reitano (Cairns)
Makana	<i>Den.</i> Chanson x <i>Den.</i> Tdaers Oriental Ribbon	Hirofumi Yamamoto
Manoa Sunset	<i>Den.</i> Good Luck x <i>Den.</i> Yasuko Sugiyama	Hirofumi Yamamoto
Masjid Yusof Ishak	<i>Den.</i> Ann Yeoh Chan x <i>Den.</i> Tristar Kitty	S.Y.Alsagoff
Matthew Marshall	<i>Den.</i> Miss Elise x <i>Den.</i> <i>canaliculatum</i>	G.Martin (Coleman's)
Memoria Marjorie Morton	<i>Den.</i> Thailand x <i>Den.</i> Suzanne Neil	E.Cott (O/U)
Memoria Mavis Hobbs	<i>Den.</i> Magenta's Sparkle x <i>Den.</i> <i>carronii</i>	G.Martin (Coleman's)
Memoria Stan Coleman	<i>Den.</i> B. J.'s Delight x <i>Den.</i> <i>canaliculatum</i>	Coleman's (B.Coleman)
Memoria Wirakusuma Silamurti	<i>Den.</i> Green Wonder x <i>Den.</i> <i>spectabile</i>	E.P.Hendra (W.Silamurti)
Minotauro	<i>Den.</i> <i>mirbelianum</i> x <i>Den.</i> <i>strebloceras</i>	R.E.García (O/U)

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Miss China	<i>Den.</i> Judy Bailey x <i>Den.</i> <i>bigibbum</i>	Dongfang Tengfei (Ong Bor Kia)
Miss Elise	<i>Den.</i> Burana Green x <i>Den.</i> Mary Trowse	G.Martin (O/U)
Miss Thuy Anh	<i>Den.</i> Adastra x <i>Den.</i> <i>aphyllum</i>	T.A.Truong
Misty Queen	<i>Den.</i> Brilliant Smile x <i>Den.</i> Medalist	Hirofumi Yamamoto
Moonlight Fantasy	<i>Den.</i> Moonlight Sonata x <i>Den.</i> Royal Kiss	Hirofumi Yamamoto
Morning Moon	<i>Den.</i> Morning Glow x <i>Den.</i> Lady Moon	Hirofumi Yamamoto
My Holiday	<i>Den.</i> Cassiope x <i>Den.</i> Rainbow Moon	Hirofumi Yamamoto
Nadine Caroline Candra	<i>Den.</i> Anucha Flare ² x <i>Den.</i> Classic Gem	E.P.Hendra (R.Silamurti)
Nannan	<i>Den.</i> Lucky Sanya x <i>Den.</i> Rum City Ditty	Goldlines
Narendra Modi	<i>Den.</i> Hai Sing x <i>Den.</i> Kovalas	Singapore BG
Noble White	<i>Den.</i> Snow Romance x <i>Den.</i> Medalist	Hirofumi Yamamoto
Nuha	<i>Den.</i> <i>nindii</i> x <i>Den.</i> Linda Kamiya	A. Fattah (O/U)
Ochoa's Treasure	<i>Den.</i> Jairak Spin x <i>Den.</i> <i>helix</i>	C.Ochoa (O/U)
Peaceful World	<i>Den.</i> Lucky Sapphire x <i>Den.</i> Victory Smile	Hirofumi Yamamoto
Phantom	<i>Den.</i> Victory Shuu x <i>Den.</i> Red Magic	Hirofumi Yamamoto
Promenade	<i>Den.</i> Medalist x <i>Den.</i> Victory Road	Hirofumi Yamamoto
Pure Doll	<i>Den.</i> Pure Heart x <i>Den.</i> Super Chance	Hirofumi Yamamoto
Pure Melody	<i>Den.</i> Pure Heart x <i>Den.</i> Brilliant Smile	Hirofumi Yamamoto
Pure Soul	<i>Den.</i> Pure Heart x <i>Den.</i> Fairy Moon	Hirofumi Yamamoto
Red Galaxy	<i>Den.</i> Red Magic x <i>Den.</i> Victory Road	Hirofumi Yamamoto
Red Gem	<i>Den.</i> Victory Smile x <i>Den.</i> Sherry Smile	Hirofumi Yamamoto
Red Ribbon	<i>Den.</i> Royal Wedding x <i>Den.</i> Victory Shuu	Hirofumi Yamamoto
Royal Dress	<i>Den.</i> Royal Wedding x <i>Den.</i> Gold Moon	Hirofumi Yamamoto
Rum City Pearl	<i>Den.</i> Burana Pearl x <i>Den.</i> Autumn Splendour	C.R.Trudgian
Saidah Nafisah	<i>Den.</i> Christabella x <i>Den.</i> <i>lineale</i>	A. Fattah
Sakurako	<i>Den.</i> Hibiki x <i>Den.</i> <i>bracteosum</i>	KB Orch.
Sanctuary	<i>Den.</i> Caribbean Moon x <i>Den.</i> Noble Smile	J.Yamamoto
Shiroboshi	<i>Den.</i> Kana's Melody x <i>Den.</i> Specio-kingianum	from Seed (Osamu Iwata)
Silky Lady	<i>Den.</i> Brilliant Smile x <i>Den.</i> Silky White	Hirofumi Yamamoto
Speewah Delight	<i>Den.</i> Mini Pearl x <i>Den.</i> Minnie	Coleman's
Speewah Twirls	<i>Den.</i> Carron Deb x <i>Den.</i> Debbie McFarlane	Coleman's
Speewah Twist	<i>Den.</i> Purple Spiral x <i>Den.</i> <i>gouldii</i>	Coleman's
Spring Harmony	<i>Den.</i> Tdares Oriental Ribbon x <i>Den.</i> Plumage	Hirofumi Yamamoto
Strawberry	<i>Den.</i> Sanya Glory x <i>Den.</i> HongXia B2017	Goldlines
Super Sapphire	<i>Den.</i> Super Chance x <i>Den.</i> Star Sapphire	Hirofumi Yamamoto
Sweet Girl	<i>Den.</i> Gold Moon x <i>Den.</i> Sweet Pinky	Hirofumi Yamamoto
Taiwan Blue Diamond	<i>Den.</i> Burana Angel x <i>Den.</i> Blue Sapphire	Orchis Flor.
Taiwan Snowflake	<i>Den.</i> Snowflake (1904) x <i>Den.</i> Super Ise	Ching Hua
Tan Hong Lian	<i>Den.</i> Chao Praya Sweet x <i>Den.</i> Grifols	Lee Foong Ying (Teck Whye S.Sch)
Ted Gregory	<i>Den.</i> Glenthorne x <i>Den.</i> <i>speciosum</i>	D.Cannon (T. & B.Gregory)
Thailand the Best Holiday	<i>Den.</i> <i>fythianum</i> x <i>Den.</i> <i>pulchellum</i>	M.Chanyangam
Thu Phuc	<i>Den.</i> Hai Sing x <i>Den.</i> Budiono Lamtoro	Singapore BG
TJ's Dr Maurice Heiner	<i>Den.</i> Masako Taki x <i>Den.</i> Dal's Pennies	T. & J. Heitman
TJ's Janice Marion	<i>Den.</i> Chanel x <i>Den.</i> Dal's Pennies	T. & J. Heitman
TJ's Memoria Laurel Heitman	<i>Den.</i> Masako Taki x <i>Den.</i> Blue Foxtail	T. & J. Heitman
TJ's Missing Linc	<i>Den.</i> Tan Kheng Lian x <i>Den.</i> Tangerine Triumph	T. & J. Heitman
TJ's Nautical	<i>Den.</i> Dal's Pennies x <i>Den.</i> Burana Stripe	T. & J. Heitman
TJ's Roseview	<i>Den.</i> Kilani Stripe x <i>Den.</i> Enobi Purple	T. & J. Heitman
TJ's Samantha Rose	<i>Den.</i> Masako Taki x <i>Den.</i> Madame Vipa	T. & J. Heitman
Victory Kiss	<i>Den.</i> Victory Road x <i>Den.</i> Lucky Smile	Hirofumi Yamamoto
White Storm	<i>Den.</i> Regulus x <i>Den.</i> Medalist	Hirofumi Yamamoto
Winter Storm	<i>Den.</i> Medalist x <i>Den.</i> Silky White	Hirofumi Yamamoto
Wonderful Red	<i>Den.</i> Red Magic x <i>Den.</i> Victory Smile	Hirofumi Yamamoto
Wonderful Smile	<i>Den.</i> Chanson x <i>Den.</i> Medalist	Hirofumi Yamamoto
Dracula		
Python	<i>Drac.</i> <i>chimaera</i> x <i>Drac.</i> Raven	J.Leathers
Encyclia		
Hunty's Habeous Corpus	<i>E.</i> [<i>Epi.</i>] Newberry Dark Stars x <i>E.</i> <i>gonzalezii</i> ¶	D.Hunt
Hunty's Hanky-Panky	<i>E.</i> [<i>Epi.</i>] <i>fovliei</i> x <i>E.</i> <i>gallopavina</i>	D.Hunt
Memoria Mirta Heineman	<i>E.</i> Renate Schmidt x <i>E.</i> Key Largo Jungle	R.Ochoa (N.Cannazzaro)
S. y N. Salta	<i>E.</i> <i>argentiniensis</i> [<i>confusa</i>] x <i>E.</i> [<i>Epi.</i>] <i>adenocaula</i>	Caneva & Gomez
x Encyvola		
Genovese Jungle Stars	<i>E.</i> [<i>Epi.</i>] Orchid Jungle x <i>B.</i> Little Stars	D.Genovese

NAME	PARENTAGE	REGISTERED BY
x <i>Epicattleya</i> Green Angel	<i>Epc.</i> René Marqués x <i>Epi. veroscriptum</i>	K&R.Smith (R.Friend)
<i>Epidendrum</i> Karlo Javy's Seraphim Memoria H. Takemaru Nagusa Koba's Challenge Nagusa Koba's Delight Nagusa Koba's Diversity Nagusa Koba's Happiness Nagusa Koba's Passion Nagusa Koba's Purple	<i>Epi. nocturnum</i> x <i>Epi. pseudepidendrum</i> <i>Epi.</i> Utopia Valley x <i>Epi.</i> Pegasus Valley <i>Epi.</i> Paradise Valley x <i>Epi.</i> Grand Valley <i>Epi.</i> Dream Valley x <i>Epi.</i> Margaret Valley <i>Epi.</i> Phoenix Valley x <i>Epi.</i> Raspberry Valley <i>Epi.</i> Smile Valley x <i>Epi.</i> Raspberry Valley <i>Epi.</i> Rose Valley x <i>Epi.</i> Magic Valley <i>Epi.</i> Grape Valley x <i>Epi.</i> Paradise Valley	C.J.Cuevas (O/U) H.Hanabusa H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi) H.Hanabusa (R.Kobayashi)
x <i>Gomenkoa</i> Ky-Elle's Gold	<i>Gmk.</i> [Onc.] Robsan's Gold x <i>Zel.</i> [Onc.] <i>onusta</i>	Stephen Waters
x <i>Gotokoa</i> Ky-Elle's Delight Ky-Elle's Surprise	<i>Gmk.</i> [Onc.] Robsan's Gold x <i>Tolu.</i> Ky-Elle's Dream <i>Gmk.</i> [Onc.] Robsan's Gold x <i>Tolu.</i> Ky-Elle's Patricia	Stephen Waters Stephen Waters
x <i>Guaricatophila</i> Martha Ann	<i>Ctt.</i> [Lc.] Netrasiri Waxy x <i>Mcp.</i> [Schom.] <i>exaltata</i>	J.Jeansonne
x <i>Guaricattonia</i> Flutterby	<i>C.</i> [L.] <i>harpophylla</i> x <i>Gr.</i> [Ctna.] Why Not	C.Hackney
x <i>Guarvolclia</i> Miss Endeavour	<i>E.</i> [Epi.] <i>hanburyi</i> x <i>Bsn.</i> [Bc.] Island Stars	L.F.Ying (Endeavour P.S.)
x <i>Jackfowlieara</i> Home Rose	<i>Rlc.</i> [Pot.] Tzeng-Wen Rose x <i>Jkf.</i> Home Gold	Wu, Shan-Hsien
x <i>Jesupara</i> Gemish	<i>Tst.</i> Melinda Marie x <i>Brln.</i> Esther Ann	L.Glicenstein
x <i>Laeliocatanthe</i> Melana's Fire Vera Lillian	<i>Ctt.</i> [Lc.] Rojo x <i>L.</i> [Schom.] <i>schultzei</i> <i>Ctt.</i> [Lc.] Rojo x <i>L.</i> [Schom.] <i>elata</i>	F.Clarke J.Jeansonne
<i>Lepanthes</i> Judite	<i>Lths. pelvis</i> ¶ x <i>Lths. felis</i>	J-M.Pallandre
x <i>Limara</i> Adeline Louis	<i>Rnps.</i> Lion's Splendor x <i>Arach. hookeriana</i>	B.Lavaud
x <i>Luisanda</i> Sarajini Menon	<i>V. tessellata</i> x <i>Lsa. macrantha</i> ¶	Decruse
<i>Masdevallia</i> Darolyn Marco Jiménez	<i>Masd. zumbuehlerae</i> ¶ x <i>Masd. vargasii</i> <i>Masd. guttulata</i> x <i>Masd. empusa</i>	M.Jiménez M.Jiménez
x <i>Michaelara</i> * Dynamic Paradise	<i>Zga.</i> Dynamo x <i>Pdsnth. micranthus</i>	M.Tibbs
x <i>Michaeltibbsara</i> * Magic Man	<i>Npp.</i> Dynamic Oliver x <i>Pdsnth. micranthus</i>	M.Tibbs
x <i>Myrmecocattleya</i> Annalisa Erin Courtney's SunCoast	<i>C. bicolor</i> x <i>Mcp.</i> [Schom.] <i>exaltata</i> <i>C.</i> Lavender Lulu x <i>Myc.</i> [Smbc.] Memoria Louise Fuchs	J.Jeansonne Florida SunCoast ((Jim Roberts)
<i>Myrmecophila</i> Desert Dawn Lai Ming Ng Yen HKN Nguyen	<i>Mcp.</i> [Schom.] <i>thomsoniana</i> x <i>Mcp.</i> [Schom.] <i>brysiana</i> <i>Mcp.</i> [Schom.] <i>exaltata</i> x <i>Mcp.</i> [Schom.] <i>tibicinis</i> <i>Mcp.</i> [Schom.] <i>exaltata</i> x <i>Mcp.</i> [Schom.] <i>brysiana</i>	Brookside (M. Pendleton) Ho-Kin Ng (O/U) Ho-Kin Ng (O/U)

NAME	PARENTAGE	REGISTERED BY
x Neopabstopetalum Dynamic Oliver	Zga. Dynamo x Zba. Elaine Oliver	M.Tibbs
x Nottara * Lucy's Sassafras	Gbs. [Cta.] Green Tyger x Zgm. Dynamite Peru	F.Clarke
x Oncidesa Cocoa Sphace	Oncsa. [Onc.] Cocoa x Onc. <i>sphacelatum</i>	Cocoa
Oncidium Golden Leopard Leiva Memoria Herbert Albrecht Nambucca Valley	<i>Onc. sphacelatum</i> x <i>Onc.</i> [Odcdm.] Memoria Michael Devos <i>Onc.</i> [Odm.] <i>naevium</i> x <i>Onc.</i> [Odm.] <i>nobile</i> <i>Onc.</i> [Oda.] Samares x <i>Onc.</i> [Odm.] <i>nobile</i> <i>Onc. panamense</i> x <i>Onc. tigrinum</i>	Brookside (O/U) J.Gay (Deburghgraeve) T. Albrecht (O/U) McKellar
Paphiopedilum Amadeus Anam Bolt Animism Anja Buena Anne Bronte Armeni Mountain Around Win Hill Avalon Barrington Gnome BB Gem Bindi Beauty Black Wave Bloody Cherry Bonny Bow Bran's Protection Bright Signs Buddy Fun Mark Buena Spice Caddi Glen Hill Chang Shiu Arco Charming Angel Chiada Algenon Chiada Alison Chiada Zoe Chill Baby Chill Tree Chiller's Pass Chou-Yi Angel San Chou-Yi Arwen Chou-Yi Attraction Chou-Yi B.L Chou-Yi Delrosi Chou-Yi Emerald Chou-Yi Fireball Chou-Yi Gaiapsyche Chou-Yi Lady Wings Chou-Yi Lola Chou-Yi Mmini Spence Chou-Yi N.K.B Chou-Yi Psyche Lake Chou-Yi Shamrock Chou-Yi Swithin Cinnamon Dusted Custard Cocoa Motto Sholt Cocoa New Clouds Cocoa Williams Crown Cocoa with Marshmellows Cod Dear Mustafa Columbia Bulldog Crimson Vale	<i>Paph.</i> Medicine Arrow x <i>Paph.</i> Heatwave <i>Paph.</i> Hamana Mach x <i>Paph.</i> Sparsholt <i>Paph.</i> Calloso-Argus x <i>Paph. argus</i> <i>Paph.</i> Anja's Kiss x <i>Paph.</i> Mustafa's Buena Moon <i>Paph.</i> Hsinying Superwings x <i>Paph.</i> Clubber Lang <i>Paph. armeniacum</i> x <i>Paph.</i> Over the Mountain <i>Paph.</i> Winston Churchill x <i>Paph.</i> Roundabout <i>Paph. leucochilum</i> x <i>Paph.</i> Hirosegawa Sunset <i>Paph.</i> Barrington Red x <i>Paph.</i> Sylvan Gnome <i>Paph.</i> Buena Bay x <i>Paph.</i> Innagem <i>Paph.</i> Betty Wilson x <i>Paph.</i> Chans Temple <i>Paph.</i> Black Brier x <i>Paph.</i> Hamana Wave <i>Paph.</i> Hsinying Web x <i>Paph.</i> Magic Cherry <i>Paph.</i> Bonita Roja x <i>Paph.</i> Burgundy Bow <i>Paph.</i> Splendarrow x <i>Paph.</i> Winston Churchill <i>Paph.</i> Claret Tree x <i>Paph.</i> Jenna Marie <i>Paph.</i> Cruella x <i>Paph.</i> Spotglen <i>Paph.</i> Buena Bay x <i>Paph.</i> Hamana Spice <i>Paph.</i> Robert's Glen x <i>Paph.</i> Winston Churchill <i>Paph.</i> Signature x <i>Paph.</i> Arcade <i>Paph.</i> Bright Angel x <i>Paph.</i> In-Charm Hamavin <i>Paph. wenshanense</i> x <i>Paph. praestans</i> <i>Paph. philippinense</i> x <i>Paph. wenshanense</i> <i>Paph. liemianum</i> x <i>Paph. venustum</i> <i>Paph.</i> Hama Chilwin x <i>Paph.</i> Baby Doll <i>Paph.</i> Hama Chilwin x <i>Paph.</i> Tree of Beauty <i>Paph.</i> Orchilla x <i>Paph.</i> Luther Pass <i>Paph.</i> Shin-Yi Angel x <i>Paph. sanderianum</i> <i>Paph.</i> Elim Attraction x <i>Paph. wenshanense</i> <i>Paph.</i> Elim Attraction x <i>Paph. hangianum</i> <i>Paph.</i> Bruno x <i>Paph.</i> Lippewunder <i>Paph.</i> Delrosi x <i>Paph.</i> Vanguard's Lebeau <i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> Chouyi Green Apple <i>Paph.</i> Shin-Yi Fireball x <i>Paph.</i> Saint Swithin <i>Paph.</i> Psyche x <i>Paph.</i> King Gaia <i>Paph.</i> Wössner Black Wings x <i>Paph.</i> Lady Rothschild <i>Paph.</i> Lola Bird x <i>Paph. hangianum</i> <i>Paph.</i> Jerry Spence x <i>Paph. bellatulum</i> <i>Paph. niveum</i> x <i>Paph.</i> Chou-Yi Knight Bell <i>Paph.</i> Psyche x <i>Paph.</i> Emerald Lake <i>Paph.</i> Chouyi Green Apple x <i>Paph.</i> Pacific Shamrock <i>Paph.</i> Saint Swithin x <i>Paph.</i> Taiwan <i>Paph.</i> Buena Bay x <i>Paph.</i> Psyche <i>Paph.</i> Enzan Motto x <i>Paph.</i> Enzan Sholt <i>Paph.</i> New Hill x <i>Paph.</i> Yi-Ying Colorful Clouds <i>Paph.</i> Enzan Williams x <i>Paph.</i> Enzan Rose Crown <i>Paph.</i> Mustafa's Blushtan x <i>Paph.</i> Saint Piran <i>Paph.</i> Cape Cod Bay x <i>Paph.</i> Royal Dear <i>Paph.</i> Via Rio Vista x <i>Paph.</i> Louis V. Dorp <i>Paph.</i> Winston Churchill x <i>Paph.</i> Mustafa's Indomitable Spirit	Kita-Cal A & P Orch. N.Mochizuki A & P Orch. N.Mochizuki Mukoyama A & P Orch. Hirato A & P Orch. A & P Orch. A & P Orch. T.W.Stinson (R.&L.Wellenstein) Hirato A & P Orch. A & P Orch. Ken Kubo (Saeki Nurs.) B.Mark (T.Hill) A & P Orch. A & P Orch. Chang Syu Enterprise A & P Orch. Hsu, Shan-Te Hsu, Shan-Te Hsu, Shan-Te A & P Orch. A & P Orch. A & P Orch. Chouyi Orch. Chouyi Orch. Chouyi Orch. Chou-Yi Orch. Chouyi Orch. Chou-Yi Orch. Chouyi Orch. Chou-Yi Orch. Chou-Yi Orch. Chou-Yi Orch. Chouyi Orch. Chou-Yi Orch. Chou-Yi Orch. Chou-Yi Orch. A & P Orch. Cocoa Cocoa Cocoa A & P Orch. A & P Orch. Carter & Holmes A & P Orch.

NAME	PARENTAGE	REGISTERED BY
<i>Paphiopedilum</i> (continued)		
Crowning Glory	<i>Paph. Johanna Burkhardt</i> x <i>Paph. sanderianum</i>	Hilo Orch. Farm (J.Fang)
Currently Rothschildianum	<i>Paph. Black Currants</i> x <i>Paph. rothschildianum</i>	A & P Orch.
Dean Aman	<i>Paph. Dean Metz</i> x <i>Paph. Hamana Freak</i>	A & P Orch.
Dear Carlos	<i>Paph. Dear Irene</i> x <i>Paph. San Carlos</i>	A & P Orch.
Del Alma	<i>Paph. wenshanense</i> x <i>Paph. sukhakulii</i>	Hirato
Demure Anja	<i>Paph. Muriel Constance</i> x <i>Paph. Anja</i>	A & P Orch.
Devil's Tail	<i>Paph. acmodontum</i> x <i>Paph. Impulse</i>	S.Kanai (Ching Hua)
Don's Lily	<i>Paph. Don Egger</i> x <i>Paph. Luther Pass</i>	Sorokowsky (T.Hill)
Drakonyx	<i>Paph. Hsinying Dragon</i> x <i>Paph. Hsinying Konyx</i>	S.Kanai (Ching Hua)
Drive In	<i>Paph. Innadale</i> x <i>Paph. Diversion</i>	A & P Orch.
Eckles Bay	<i>Paph. Freckles</i> x <i>Paph. Buena Bay</i>	A & P Orch.
Eckles Risk	<i>Paph. Freckles</i> x <i>Paph. Charisco</i>	A & P Orch.
Emerald Ice	<i>Paph. Hsinying Dragon</i> x <i>Paph. Hsinying Dress</i>	Krull-Smith (Ching Hua)
Enuma Elis	<i>Paph. Unlimited Devotion</i> x <i>Paph. Triple Bella</i>	Hirato
Envy Bay	<i>Paph. Buena Bay</i> x <i>Paph. Jolly Bay</i>	A & P Orch.
Enzan Blenheim	<i>Paph. Kimura Sholt</i> x <i>Paph. Tree of Blendia</i>	Mukoyama
Enzan Brenda	<i>Paph. Goultenianum</i> x <i>Paph. Tree of Blendia</i>	Mukoyama
Enzan Brown Hill	<i>Paph. Church Hill</i> x <i>Paph. Shining Salt</i>	Mukoyama
Enzan Cirrus	<i>Paph. Kimura Elect</i> x <i>Paph. Enzan Park</i>	Mukoyama
Enzan Dove	<i>Paph. Enzan Noble</i> x <i>Paph. Tree of Crow</i>	Mukoyama
Enzan Great Forest	<i>Paph. Khai Enzan Forest</i> x <i>Paph. Enzan Great</i>	Mukoyama
Enzan Jolly Pink	<i>Paph. Jollix</i> x <i>Paph. Enzan Fancifully</i>	Mukoyama
Enzan Lovely Today	<i>Paph. Lovely Today</i> x <i>Paph. Enzan Yearly</i>	Mukoyama
Enzan Olympia	<i>Paph. Olympian Paradise</i> x <i>Paph. Enzan Greenery</i>	Mukoyama
Enzan Omao	<i>Paph. Enzan Cloud</i> x <i>Paph. Olympian Paradise</i>	Mukoyama
Enzan Poole	<i>Paph. Enzan Coral</i> x <i>Paph. Horizon Poole</i>	Mukoyama
Enzan Sea Spot	<i>Paph. Kimura Sea</i> x <i>Paph. Enzan Hunting</i>	Mukoyama
Enzan Skip River	<i>Paph. Kimura Pacific</i> x <i>Paph. Enzan Skip</i>	Mukoyama
Enzan Smiles	<i>Paph. Enzan Noble</i> x <i>Paph. Church Hill</i>	Mukoyama
Enzan Spots Tree	<i>Paph. Tree of Winston</i> x <i>Paph. Tree of Dragon</i>	Mukoyama
Enzan Spring Fruit	<i>Paph. Enzan Fruit</i> x <i>Paph. Horizon Poole</i>	Mukoyama
Enzan Square	<i>Paph. Enzan Super Red</i> x <i>Paph. Maude Squared</i>	Mukoyama
Enzan Wave	<i>Paph. Orquilla</i> x <i>Paph. Hamana Wave</i>	Mukoyama
Enzan White Meadow	<i>Paph. Lovely Present</i> x <i>Paph. Shower Meadow</i>	Mukoyama
Enzan Wining Jack	<i>Paph. Enzan Fancifully</i> x <i>Paph. Win Jack</i>	Mukoyama
Freckle's Lemon	<i>Paph. Freckles</i> x <i>Paph. Mustafa's Frosty Lemon</i>	A & P Orch.
Giorgio Vasari	<i>Paph. S. Gratrix</i> x <i>Paph. thaianum</i>	C.Rehm (S.Tsui)
Golden Octopus	<i>Paph. North Coast</i> x <i>Paph. moquetteanum</i>	Suwada Orch.
Haur Jih Anita	<i>Paph. Wössner Black Wings</i> x <i>Paph. rothschildianum</i>	Haur Jin Orch.
Haur Jih Lady	<i>Paph. Hsinying Anita</i> x <i>Paph. sanderianum</i>	Haur Jih Orchids
Haur Jih Red Swallow	<i>Paph. Xiuya Flying Swallow</i> x <i>Paph. anitum</i>	Haur Jin Orch.
Have a Kiss	<i>Paph. Anja's Kiss</i> x <i>Paph. Claro Javier</i>	A & P Orch.
Heart of Barrington	<i>Paph. Queen of Hearts</i> x <i>Paph. Barrington Red</i>	A & P Orch.
Hersilia	<i>Paph. Tree of Amanda</i> x <i>Paph. Mac</i>	Hirato
Hilo Black Eagle	<i>Paph. Johanna Burkhardt</i> x <i>Paph. rothschildianum</i>	Hilo Orch. Farm (J.Fang)
Hilo Mint	<i>Paph. Hilo Mojito</i> x <i>Paph. Hilo Citron</i>	Hilo Orch. Farm (J.Fang)
Horizontal Green	<i>Paph. TB Beryl's Choice</i> x <i>Paph. Eagle Peak</i>	Mukoyama
Horizontal Mood	<i>Paph. Magic Mood</i> x <i>Paph. Honda Gold</i>	Mukoyama (A.Easton)
Horizontal Sunset	<i>Paph. Reliance</i> x <i>Paph. Magic Mood</i>	Mukoyama (A.Easton)
Hot Shot	<i>Paph. Temple Drive</i> x <i>Paph. Sparsholt</i>	A & P Orch.
Hsinying Lily	<i>Paph. liemianum</i> x <i>Paph. Lippewunder</i>	Ching Hua
Ilias	<i>Paph. bellatulum</i> x <i>Paph. Telesis</i>	Hirato
Jacob Ho	<i>Paph. Orquilla</i> x <i>Paph. Raisin Shift</i>	See Ting Ho
Jimmy Rosario	<i>Paph. Ruby Peahen</i> x <i>Paph. Hsinying Pitch</i>	N.Mochizuki
Kai Beauty	<i>Paph. Hsinying Larry</i> x <i>Paph. Hsinying Yahoo</i>	Y.Kai (Ching Hua)
Kamioka Yataro	<i>Paph. moquetteanum</i> x <i>Paph. philippinense</i>	M.Kamioka
Khai Enzan Oliver	<i>Paph. Olive Paradise</i> x <i>Paph. Enzan Fruit</i>	Mukoyama
Khai Fancy	<i>Paph. Yuunagi</i> x <i>Paph. Enzan Fancifully</i>	Mukoyama
Khai Parade	<i>Paph. Enzan Olyminum</i> x <i>Paph. Tree of Paradise</i>	Mukoyama
King Crimson	<i>Paph. Legacy</i> x <i>Paph. Morning Dew</i>	Kita-Cal
King's Emerald	<i>Paph. Sorcerer's Stone</i> x <i>Paph. Clark's Emerald</i>	Kita-Cal
Kobayashi Kyoko	<i>Paph. Ruby Mist</i> x <i>Paph. Macabre Pie</i>	M.Kobayashi (O/U)
Koharu Wings	<i>Paph. Hsinying Almachi</i> x <i>Paph. Super Maud</i>	Y.Kai (Ching Hua)
Krull's Prometheus	<i>Paph. Jan Ragan</i> x <i>Paph. rothschildianum</i>	Krull-Smith
Lemon Bay	<i>Paph. Buena Bay</i> x <i>Paph. Mustafa's Frosty Lemon</i>	A & P Orch.
Lime Raspberry Chip	<i>Paph. Charisco</i> x <i>Paph. Buena Bay</i>	A & P Orch.

NAME	PARENTAGE	REGISTERED BY
Lost Treasure	<i>Paph.</i> Hunkpapa x <i>Paph.</i> Emerald	A & P Orch.
Lovely Road	<i>Paph.</i> Lovely Present x <i>Paph.</i> Lovely Land	Mukoyama
Luther's Dragon	<i>Paph.</i> Luther Slaughter x <i>Paph.</i> Dragon Hold	A & P Orch.
Mad Dog	<i>Paph.</i> Bloody Rain x <i>Paph.</i> Shell Beach	Kita-Cal
Madflap	<i>Paph.</i> Memoria Sabrina Mark x <i>Paph.</i> Bloody Rain	Kita-Cal
Malibu Moon	<i>Paph.</i> Mooncrest x <i>Paph.</i> Gigi	A & P Orch.
Massachusetts Chill	<i>Paph.</i> Tokyo Chilwin x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Massachusetts Heartwood	<i>Paph.</i> Massachusetts Valor x <i>Paph.</i> Mustafa's Tightrope Walker	A & P Orch.
Maypole Sawyer	<i>Paph.</i> Oneiric x <i>Paph.</i> Over the Mountain	Mukoyama
McLaren Miyata	<i>Paph.</i> McLaren Park x <i>Paph.</i> Memoria Toshio Miyata	A & P Orch.
Meadow Red	<i>Paph.</i> Red Flame x <i>Paph.</i> Alpine Meadows	A & P Orch.
Memoria Kouji Hara	<i>Paph.</i> Pacific Ocean x <i>Paph.</i> Acclama Win	Kita-Cal
Mil Mascaras	<i>Paph.</i> Wood Wonder x <i>Paph.</i> <i>henryanum</i>	Kita-Cal
Mistress of the Night	<i>Paph.</i> Flashdance x <i>Paph.</i> Legacy	Kita-Cal
Mitsi R. Runyan	<i>Paph.</i> Magic Oak x <i>Paph.</i> Skip Bartlett	M.R.Runyan (O/U)
Miya Kimura Bright	<i>Paph.</i> Miya Kimura World x <i>Paph.</i> Bright Amanda	T.Ozawa
Moore Lemon	<i>Paph.</i> Mustafa's Frosty Lemon x <i>Paph.</i> Gigi Moore	A & P Orch.
Mustafa Blush	<i>Paph.</i> Buena Bay x <i>Paph.</i> Claro Javier	A & P Orch.
Mustafa Mint	<i>Paph.</i> Gloriosum (1916) x <i>Paph.</i> Emerald	A & P Orch.
Mustafa Moon	<i>Paph.</i> Buena Bay x <i>Paph.</i> Mooncrest	A & P Orch.
Mustafa's Almeon	<i>Paph.</i> Alma Gevaert x <i>Paph.</i> Meon	A & P Orch.
Mustafa's Anja Inn	<i>Paph.</i> Innagem x <i>Paph.</i> Anja	A & P Orch.
Mustafa's Bay Moon	<i>Paph.</i> Cape Cod Bay x <i>Paph.</i> Arabian Moon	A & P Orch.
Mustafa's Coast to Coast	<i>Paph.</i> Pacific Ocean x <i>Paph.</i> Dean Metz	A & P Orch.
Mustafa's Crimson Call	<i>Paph.</i> Hama Chilwin x <i>Paph.</i> Mustafa's Indomitable Spirit	A & P Orch.
Mustafa's Dear	<i>Paph.</i> Mustafa's Frosty Chick x <i>Paph.</i> Royal Dear	A & P Orch.
Mustafa's Divine Lime	<i>Paph.</i> Via Virgenes x <i>Paph.</i> Mustafa's Frosty Lemon	A & P Orch.
Mustafa's Good Red	<i>Paph.</i> Goodstart x <i>Paph.</i> Mustafa's Radiant Red	A & P Orch.
Mustafa's Goodvale	<i>Paph.</i> Goodstart x <i>Paph.</i> Sylvan Vale	A & P Orch.
Mustafa's Imperative	<i>Paph.</i> Hyperdrive x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Mustafa's Indomitable Spirit	<i>Paph.</i> Vale of Churchill x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Mustafa's Mach Po	<i>Paph.</i> Hamana Mach x <i>Paph.</i> Via Po	A & P Orch.
Mustafa's Magic Moon	<i>Paph.</i> Memoria Toshio Miyata x <i>Paph.</i> William Sanders	A & P Orch.
Mustafa's Magic Touch	<i>Paph.</i> Buena Bay x <i>Paph.</i> Vanda M. Pearman	A & P Orch.
Mustafa's Match Point	<i>Paph.</i> Carimo Reward x <i>Paph.</i> Mustafa's Mach Po	A & P Orch.
Mustafa's Meon	<i>Paph.</i> Quick Jewel x <i>Paph.</i> Meon	A & P Orch.
Mustafa's Metz	<i>Paph.</i> <i>sukhakulii</i> x <i>Paph.</i> Dean Metz	A & P Orch.
Mustafa's Moore	<i>Paph.</i> Gigi Moore x <i>Paph.</i> Claret Tree	A & P Orch.
Mustafa's Mountain	<i>Paph.</i> Cape Cod Bay x <i>Paph.</i> Mount Everest	A & P Orch.
Mustafa's Spotted Cream	<i>Paph.</i> Freckles x <i>Paph.</i> McLaren Miyata	A & P Orch.
Mustafa's Sublime Light	<i>Paph.</i> Hilo Key Lime x <i>Paph.</i> Hsinying Alex	A & P Orch.
Mustafa's Temptation	<i>Paph.</i> Hunena x <i>Paph.</i> Chans Temple	A & P Orch.
Mustafa's Valor	<i>Paph.</i> Mustafa's Old Noir x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Mustafa's White Queen	<i>Paph.</i> Cape Cod Bay x <i>Paph.</i> Buena Bay	A & P Orch.
Mustafa's Windoo	<i>Paph.</i> Valwin x <i>Paph.</i> Voodoo Magic	A & P Orch.
Mystic Chamber	<i>Paph.</i> Hell's Chamber x <i>Paph.</i> Mystic Isle	A & P Orch.
Notes of Green	<i>Paph.</i> Esmeralda x <i>Paph.</i> Meon	A & P Orch.
Ocean Drive	<i>Paph.</i> Pacific Ocean x <i>Paph.</i> Temple Drive	A & P Orch.
Ocean State Red	<i>Paph.</i> Massachusetts Fire x <i>Paph.</i> Barrington Red	A & P Orch.
Oh My Dear	<i>Paph.</i> Royal Dear x <i>Paph.</i> Mustafa's Dear	A & P Orch.
Olympian Tree	<i>Paph.</i> Olympian Paradise x <i>Paph.</i> Tree of Paradise	Mukoyama
Open Arms	<i>Paph.</i> Emerald x <i>Paph.</i> Sunken Treasure	A & P Orch.
Osvaldo Rozzo	<i>Paph.</i> <i>canhii</i> x <i>Paph.</i> <i>concolor</i>	Rozzo (O/U)
Pacific Compass	<i>Paph.</i> Stone Lovely x <i>Paph.</i> Golden Emperor	Kita-Cal
Pacific Susan	<i>Paph.</i> Pacific Ocean x <i>Paph.</i> Susan Muffet	Mukoyama
Papageno	<i>Paph.</i> Delirious x <i>Paph.</i> Spotglen	Kita-Cal
Passenger Pigeon	<i>Paph.</i> Wawona Maiden x <i>Paph.</i> Elfstone	Kita-Cal
Penny Vale	<i>Paph.</i> Vale of Churchill x <i>Paph.</i> Penny's Kiss	A & P Orch.
Peppered Cream	<i>Paph.</i> Buena Bay x <i>Paph.</i> Muriel Constance	A & P Orch.
Philly Fan	<i>Paph.</i> Meon x <i>Paph.</i> <i>philippinense</i>	A & P Orch.
Plancha	<i>Paph.</i> Jupiter Hollow x <i>Paph.</i> Spotglen	Kita-Cal
Polka Bay	<i>Paph.</i> Mustafa's Polka Dancer x <i>Paph.</i> Thunder Bay	A & P Orch.
Procru Almachi	<i>Paph.</i> Procrustes x <i>Paph.</i> Hsinying Almachi	Namekata
Quick Jewel	<i>Paph.</i> Hsinying Jewel x <i>Paph.</i> Quicksilver	A & P Orch.
Raisin Shift	<i>Paph.</i> Raisin Candy x <i>Paph.</i> Red Shift	See Ting Ho (O/U)
Raspberry Champagne	<i>Paph.</i> Gege Hughes x <i>Paph.</i> Mustafa's Candle Light	A & P Orch.

NAME	PARENTAGE	REGISTERED BY
<i>Paphiopedilum</i> (continued)		
Red Mazinger	<i>Paph.</i> Red Ruby Stone x <i>Paph.</i> Mazinger	N.Mochizuki
Red Melody	<i>Paph.</i> Malherbe x <i>Paph.</i> Red Maude	A & P Orch.
Red Quench	<i>Paph.</i> Red Feather x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Robert's Glen	<i>Paph.</i> Caddiana x <i>Paph.</i> Pacific Glen	A & P Orch.
Saint Eustace White	<i>Paph.</i> Mustafa's Frosty Lemon x <i>Paph.</i> Saint Piran	A & P Orch.
Saintly Finch	<i>Paph.</i> Mustafa's Canary x <i>Paph.</i> Saint Piran	A & P Orch.
Salamander Flame	<i>Paph.</i> Briareos x <i>Paph.</i> Miya Dream House	Hirato
Salty Flight	<i>Paph.</i> Kimura's Flight x <i>Paph.</i> Meadow Song	Mukoyama
Shih-Yueh Eagle	<i>Paph.</i> Hung Sheng Eagle x <i>Paph. anitum</i>	Sunlight Orch.
Shun-Fa Pie	<i>Paph.</i> Shin-Yi Pie x <i>Paph.</i> Hsinying Red Apple	Shun Fa Orchids
Shun-Fa Red Apple	<i>Paph.</i> Shun-Fa Pie x <i>Paph.</i> Hung Sheng Bay	Shun Fa Orchids
Shun-Fa Red Heart	<i>Paph.</i> Shun-Fa Heart x <i>Paph.</i> Arco Heart	Shun Fa Orchids
Shun-Fa Red Web	<i>Paph.</i> Shin-Yi Ruben x <i>Paph.</i> Shun-Fa Web	Shun Fa Orchids
Shun-Fa Red Weber	<i>Paph.</i> Shin-Yi Ruben x <i>Paph.</i> Shun-Fa Weber	Shun Fa Orchids
Shun-Fa Ruben	<i>Paph.</i> Shin-Yi Ruben x <i>Paph.</i> Arco Friendships	Shun Fa Orchids
Shun-Fa Rubyweb	<i>Paph.</i> Hsinying Rubyweb x <i>Paph.</i> Arco Friendships	Shun Fa Orchids
Sledgehammer	<i>Paph.</i> Jupiter Hollow x <i>Paph.</i> Tachimochi	Kita-Cal
Snow Candy	<i>Paph. spicerianum</i> x <i>Paph.</i> Silent Knight	Krull-Smith
Stippled Suksworth	<i>Paph.</i> Supersuk x <i>Paph. charlesworthii</i>	A & P Orch.
Suki Mint	<i>Paph. sukhakulii</i> x <i>Paph.</i> Mustafa Mint	A & P Orch.
TB Arni and Murray	<i>Paph.</i> TB Lemon x <i>Paph.</i> TB Cuddles	T.Burnett
TB Rosemarie	<i>Paph.</i> TB Cream Magic x <i>Paph.</i> Magic Mood	T.Burnett
Temptation Wins	<i>Paph.</i> Mustafa's Temptation x <i>Paph.</i> Winston Churchill	A & P Orch.
Teruko Hirato	<i>Paph. delenatii</i> x <i>Paph.</i> Memoria Hirohisa Kawai	Hirato
Tinker's Bay	<i>Paph.</i> Cape Cod Bay x <i>Paph.</i> Saint Piran	A & P Orch.
Toasted Mint Twist	<i>Paph.</i> Supersuk x <i>Paph.</i> Emerald	A & P Orch.
Toby Ho	<i>Paph.</i> Kalkari x <i>Paph.</i> Sioux	See Ting Ho (Rhodes)
Tree and Crow	<i>Paph.</i> Crow's Treasure x <i>Paph.</i> Tree of Amanda	Mukoyama
Tree of Winston	<i>Paph.</i> Tree of Galaxy x <i>Paph.</i> Winston Churchill	Mukoyama
Trefoil Wonder	<i>Paph.</i> Winston Churchill x <i>Paph.</i> Emerald	A & P Orch.
Tweed Doll	<i>Paph.</i> Massachusetts Tweed x <i>Paph.</i> Baby Doll	A & P Orch.
Tweed Treasure	<i>Paph.</i> Winston Tweed x <i>Paph.</i> Sukhakulii Treasure	A & P Orch.
Tyrfing	<i>Paph. bellatulum</i> x <i>Paph.</i> Hirosegawa Sunset	Hirato
Valor Gnome	<i>Paph.</i> Sylvan Gnome x <i>Paph.</i> Massachusetts Valor	A & P Orch.
Vanilla Bean Cream	<i>Paph.</i> Via Ojai x <i>Paph.</i> Cape Cod Bay	A & P Orch.
Walkure	<i>Paph.</i> Acromantula x <i>Paph.</i> Memoria Sabrina Mark	Kita-Cal
Warm Heart	<i>Paph.</i> Small World x <i>Paph.</i> Hamana Monarch	Ken Kubo (Saeki Nurs.)
Winter Squall	<i>Paph.</i> Optimus Prime x <i>Paph.</i> Spring Hills	Kita-Cal
Yokozuna	<i>Paph.</i> Tachimochi x <i>Paph.</i> Tsuyuharai	Kita-Cal
Yurii's White	<i>Paph.</i> Sorcerer's Stone x <i>Paph.</i> White Knight	Kita-Cal
x <i>Papilionanda</i>		
Lynn Chen Li Ying	<i>Pda.</i> [V.] Colorsan x <i>V. merrillii</i>	D.Y.S.Wong (H.Y.Wong)
Magic Fragrance	<i>V.</i> [Ascda.] Viraphandhu Kenny x <i>Pda.</i> Batram	Banjong Orch.
Rolando Armentero	<i>Pda.</i> [V.] Josephine van Brero x <i>V.</i> Melvin Santana	B.Lavaud
Yen HKN Nguyen	<i>Pda.</i> [V.] Mimi Palmer x <i>V.</i> Lai Ming and Wai Chung Ng	Ho-Kin Ng (O/U)
x <i>Papilionanthe</i>		
Mandai Gardens	<i>Ple.</i> [V.] <i>teres</i> [teres] x <i>Ple.</i> [V.] <i>tricuspidata</i>	David Lim (S'pore Orchids)
x <i>Perreiraara</i>		
Thai After Glow	<i>Prra.</i> [Rhrds.] Bangkok Sunset x <i>V.</i> [Ascda] Pralor	Motes (Aam Ploenpit)
<i>Phalaenopsis</i>		
Air Glant	<i>Phal.</i> Ox King x <i>Phal.</i> Dai Yang Beauty	Hung Chuan Chih
AR Golden Eagle	<i>Phal.</i> Sogo Golden x <i>Phal.</i> Dragon Tree Eagle	Rowell (O/U)
Charming Angelina	<i>Phal.</i> Yushan Mongo x <i>Phal.</i> Lioulin Black Rose	Char Ming Agri.
Charming Green Sugar Candy	<i>Phal.</i> Brother Pico Bahama x <i>Phal.</i> Sin-Yaun Golden Beauty	Char Ming Agri.
Charming Little Cutie	<i>Phal.</i> Sogo Vivien x <i>Phal.</i> Houston Glory	Char Ming Agri.
Charming Polonia	<i>Phal.</i> Hsinying Square x <i>Phal.</i> Charming Cinderella	Char Ming Agri.
Charming Warszawa	<i>Phal.</i> Tying Shin Swallow x <i>Phal.</i> Charming Little Girl	Char Ming Agri.
Chi Yueh Golden City	<i>Phal.</i> Sogo Berry x <i>Phal.</i> Sogo David	Chi Yueh (Rung-Bin Liu)
Chiada Agnes	<i>Phal.</i> Chiada Viola x <i>Phal.</i> Chiada Madge	Nat.Chiayi University
Chiada Belinda	<i>Phal.</i> Chiada Victoria x <i>Phal.</i> Hua Yuan Princess	Nat.Chiayi University
Chiada Ethel	<i>Phal.</i> Chiada Hannah x <i>Phal.</i> Homeline Rose	Nat.Chiayi University

NAME	PARENTAGE	REGISTERED BY
Chiada Zoe	<i>Phal.</i> Lawrence of Arabia x <i>Phal.</i> Chiada Alice	Nat.Chiai University
Chian Xen Garfield	<i>Phal.</i> Chian Xen Snow Scene x <i>Phal.</i> Chian Xen Angel	Chian Xen
Ching Ann Blessing	<i>Phal.</i> Sogo Vision x <i>Phal.</i> Ching Ann Pinkberry	Ching Ann
Ching Ann Pinkberry	<i>Phal.</i> Ching Ann Fireworks x <i>Phal.</i> Sogo Bery	Ching Ann
Claude Carroll Royster Jr	<i>Phal.</i> Happy Camper x <i>Phal.</i> Looking For Matthew	Orchids R Us (J.Sellers)
CTL Fire Phoenix	<i>Phal.</i> Yaphon Linear Function x <i>Phal.</i> Tying Shin Phoenix	C-H.Kuo
CTL Kahu Queen	<i>Phal.</i> Kahurangi x <i>Phal.</i> LD's Bear Queen	C-H.Kuo
Da Chien Hebe	<i>Phal.</i> Fusheng's Purple Gem x <i>Phal.</i> Minho Venus	S.J.Wang
Da Chien Red Diamond	<i>Phal.</i> Sogo Davis x <i>Phal.</i> Ney Shan Gu Niang	Y C Wang
Da Shang Radiant	<i>Phal.</i> Champion Lightning x <i>Phal.</i> Minho Princess	Yang Min-Ching
Dai Yang Rainbow	<i>Phal.</i> Formosa Sunrise x <i>Phal.</i> Fuller's Goddess	Hung Chuan Chih
Destiny Laughed	<i>Phal.</i> Joyce Stewart x <i>Phal.</i> Cassandra	J.Heilig
Eddy Bingo	<i>Phal.</i> Sogo Bingo x <i>Phal.</i> David Lim	Eddy Su
Eddy Canary	<i>Phal.</i> Yungoh Gelb Canary x <i>Phal.</i> Yaphon To-Too	Eddy Su
Eddy Medal	<i>Phal.</i> Miro Buddha x <i>Phal.</i> Chang Yi Halo	Eddy Su
Eddy Snegin	<i>Phal.</i> Miro Buddha x <i>Phal.</i> David Lim	Eddy Su
Fate Smiled	<i>Phal.</i> Joyce Stewart x <i>Phal.</i> <i>lindenii</i>	J.Heilig
Fay Prather	<i>Phal.</i> Nobby's Pacific Sunset x <i>Phal.</i> LD's Bear King	Belton
Frank's Little Gem	<i>Phal.</i> Liu's Little Yushan x <i>Phal.</i> Formosa Cranberry	Gold Country
Frigdaas Hong Jiao	<i>Phal.</i> Jiuhbao Red Rose x <i>Phal.</i> <i>mannii</i>	FRIGDAAS
Frigdaas Hong Zhu	<i>Phal.</i> Jiuhbao Dragon Rose x <i>Phal.</i> <i>amboinensis</i>	FRIGDAAS
Frigdaas Huang Chan	<i>Phal.</i> Brother Sara Gold x <i>Phal.</i> <i>amboinensis</i>	FRIGDAAS
Green Charmean	<i>Phal.</i> In Charm Jade x <i>Phal.</i> <i>mannii</i>	M.Liu
Helios Floribelle	<i>Phal.</i> <i>floresensis</i> x <i>Phal.</i> <i>bellina</i>	M.Hohenegger
Hwa Yuan Apple	<i>Phal.</i> Acker's Sweetie x <i>Phal.</i> Hwa Yuan Angel	Hwa Yuan
Hwa Yuan Cherry	<i>Phal.</i> Hwa Yuan Angel x <i>Phal.</i> Ox Spot Queen	Hwa Yuan
Hwa Yuan Five Star	<i>Phal.</i> Leopard Prince x <i>Phal.</i> Ox Spot Queen	Hwa Yuan
Irene Belton	<i>Phal.</i> Tying Shin Fly Eagle x <i>Phal.</i> LD's Bear King	B.Belton
Join Fantasy	<i>Phal.</i> Join Angel x <i>Phal.</i> Join Paradise	Join Orch.
Join Green Ice	<i>Phal.</i> Join Yukiangel x <i>Phal.</i> Jungo Yuki	Join Orch.
Join Paradise	<i>Phal.</i> Join Yukiangel x <i>Phal.</i> Join Astro	Join Orch.
Joy Buddha	<i>Phal.</i> Fortune Buddha x <i>Phal.</i> Haur Jin Diamond	J.Wu
Joy Fortune Diamond	<i>Phal.</i> Joy Buddha x <i>Phal.</i> Buddha Bird	J.Wu
Joy Jewel Box	<i>Phal.</i> Joy Spring Venus x <i>Phal.</i> Buena Jewel	J.Wu
Joy Little Ears	<i>Phal.</i> Anna-Larati Soekardi x <i>Phal.</i> Liu's Rainbow	J.Wu
Joy Snowflake	<i>Phal.</i> Joy Spring Canary x <i>Phal.</i> Liu's Rainbow	J.Wu
Karine Hervé	<i>Phal.</i> <i>amboinensis</i> x <i>Phal.</i> <i>honghenensis</i>	T.Tomas
King Car Dalmatian	<i>Phal.</i> Yushan Caro x <i>Phal.</i> Yushan Mongo	King Car
King Car Easter Bunny	<i>Phal.</i> Yu Pin Easter Island x <i>Phal.</i> King Car Bolero	King Car
King's Sun	<i>Phal.</i> Mituo Sun x <i>Phal.</i> Yin's Fancy Free	Chin Yuan Wang
King's Super Star	<i>Phal.</i> Sogo Relex x <i>Phal.</i> Su-An Super Star	Chin Yuan Wang
Krull's Florida Moon	<i>Phal.</i> Heartbeat x <i>Phal.</i> John Naugle	Krull-Smith
Krull's Red Dragon	<i>Phal.</i> Ken Avant x <i>Phal.</i> Dragon Tree Eagle	Krull-Smith
Krull's Yellow Prince	<i>Phal.</i> Pylo's Eagle Passion x <i>Phal.</i> Dragon Tree Eagle	Krull-Smith
Laura Krause	<i>Phal.</i> <i>lueddemanniana</i> x <i>Phal.</i> <i>floresensis</i>	A.Krause
Lioulin Black Stripe	<i>Phal.</i> Ox Black Face x <i>Phal.</i> Fuller's Black Stripe	Huang Gao Ming
Lioulin Bright Stars	<i>Phal.</i> Happy Fan Sir x <i>Phal.</i> JC Stars Shining	Huang Gao Ming
Lioulin Firebird	<i>Phal.</i> Lioulin Red Carpet x <i>Phal.</i> Ben Yu Firebird	Huang Gao Ming
Lioulin Freckles	<i>Phal.</i> Lioulin Pretty Lip x <i>Phal.</i> Lioulin R Lip	Huang Gao Ming
Lioulin Gold Dragon	<i>Phal.</i> Lioulin Gold King x <i>Phal.</i> JC Stars Shining	Huang Gao Ming
Lioulin L Berry	<i>Phal.</i> Yaphon Perfume x <i>Phal.</i> Lioulin Red Heart	Huang Gao Ming
Lioulin L Lip	<i>Phal.</i> Yu Pin Burgundy x <i>Phal.</i> Yin's Little Yellow Lip	Huang Gao Ming
Lioulin Orange Stars	<i>Phal.</i> I-Hsin Claude x <i>Phal.</i> Tying Shin Sweet	Huang Gao Ming
Lioulin Pink Cat	<i>Phal.</i> King Car Diamond x <i>Phal.</i> Lioulin Sakura Lip	Huang Gao Ming
Lirpa	<i>Phal.</i> <i>inscriptiosinensis</i> x <i>Phal.</i> <i>modesta</i>	D.Goddard
Long Trieu	<i>Phal.</i> Dragon Tree Eagle x <i>Phal.</i> Sweet Trinity	E.Goo
Mambo Green Star	<i>Phal.</i> Green Charmean x <i>Phal.</i> <i>tetraspis</i>	Chen-Hung Chen
Marian York	<i>Phal.</i> Tying Shin Golden City x <i>Phal.</i> <i>lueddemanniana</i>	B.Belton
Meidarland Beryl Age	<i>Phal.</i> Meidarland Beryl x <i>Phal.</i> Meidarland Bellina Age	Mei Dar
Meidarland Castle Queen	<i>Phal.</i> Yaphon Nicegirl x <i>Phal.</i> Liu's Meidar Castle	Mei Dar
Meidarland Cherry Queen	<i>Phal.</i> Meidarland Smith Queen x <i>Phal.</i> Jong's Gigan Cherry	Mei Dar
Meidarland Golden Eagle	<i>Phal.</i> Chienlung Golden Diamond x <i>Phal.</i> Dragon Tree Eagle	Mei Dar
Meidarland Golden Prince	<i>Phal.</i> KS Viogold x <i>Phal.</i> Mituo Prince	Mei Dar
Meidarland Happy Gigantea	<i>Phal.</i> Yaphon Muse x <i>Phal.</i> <i>gigantea</i>	Mei Dar
Meidarland Mambo Cherry	<i>Phal.</i> Mambo x <i>Phal.</i> Jong's Gigan Cherry	Mei Dar

NAME	PARENTAGE	REGISTERED BY
Phalaenopsis (continued)		
Meidarland Nice Spots	<i>Phal.</i> Dou-dii Pride x <i>Phal.</i> Yaphon Nicegirl	Mei Dar
Meidarland Rainbow Age	<i>Phal.</i> Meidarland Red Sun x <i>Phal.</i> Yaphon Nicegirl	Mei Dar
Meidarland Rainbow Star	<i>Phal.</i> Yaphon Nicegirl x <i>Phal.</i> Brother Pico Bahama	Mei Dar
Meidarland Relex Cherry	<i>Phal.</i> Sogo Relex x <i>Phal.</i> Jong's Gigan Cherry	Mei Dar
Meidarland Star Cumquat	<i>Phal.</i> Tying Shin Golden Star x <i>Phal.</i> KS Cumquat	Mei Dar
Meidarland Sun Mountain	<i>Phal.</i> Golden Sun x <i>Phal.</i> Meidarland Blue Mountain	Mei Dar
Meidarland Violacea Age	<i>Phal.</i> violacea x <i>Phal.</i> Meidarland Bellina Age	Mei Dar
Meidarland Yellow Feathers	<i>Phal.</i> Meidarland Smith Queen x <i>Phal.</i> gigantea	Mei Dar
Micaels Pensamera	<i>Phal.</i> Samera x <i>Phal.</i> micholitzii	M.Liu
Michaelas Mantra	<i>Phal.</i> Almanis x <i>Phal.</i> Germaine Vincent	M.Ettler
Miki Magic	<i>Phal.</i> Yaphon Super Jaguar x <i>Phal.</i> KS Happy Eagle	Miki Orch.
Miki Sabina	<i>Phal.</i> Dragon Tree Eagle x <i>Phal.</i> Yaphon Sir	Miki Orch.
Ming Hsing Golden Lena	<i>Phal.</i> Ho's Phantom of Green Grove x <i>Phal.</i> Golden Apollon	Star Orch.
Ming Hsing Harmony	<i>Phal.</i> Saitama Alliance x <i>Phal.</i> Chian-Huey Red Rose	Star Orch.
Ming Hsing Moonlight	<i>Phal.</i> Saitama Alliance x <i>Phal.</i> Sin-Yaun Golden Beauty	Star Orch.
Ming Yuan Star	<i>Phal.</i> Jiuhbao Fairy x <i>Phal.</i> Mount Beauty	Wu Shin Ming
Mini Folie	<i>Phal.</i> appendiculata x <i>Phal.</i> [Ki.] finleyi [minus]	K.Herve
Miro Anne	<i>Phal.</i> Unimax Blush x <i>Phal.</i> Jin You Angel Star	C-H. Sun
Miro Diana	<i>Phal.</i> Unimax Blush x <i>Phal.</i> Clone Bride	C-H. Sun
Miro Mina	<i>Phal.</i> Unimax Blush x <i>Phal.</i> Ox Honey	C-H. Sun
Mituo Gigan Dragon	<i>Phal.</i> LD Sun Dragon x <i>Phal.</i> gigantea	Big Leaf Orchids(Mituo Orchids)
Mituo Gigan Tiger	<i>Phal.</i> Mituo Golden Tiger x <i>Phal.</i> gigantea	Big Leaf Orchids (Mituo Orchids)
Mona Koh	<i>Phal.</i> Dragon Tree Eagle x <i>Phal.</i> Jayna Wu	E.Puah Wei Meng
NanDares Emerald	<i>Phal.</i> KS Fragrance x <i>Phal.</i> Nan Topaz	Tainan DARES
NanDares Purple Coral	<i>Phal.</i> Sogo Vivien x <i>Phal.</i> violacea	Tainan DARES
Or Singer	<i>Phal.</i> javanica x <i>Phal.</i> speciosa	Ten Shin
Ox Cheese Moon	<i>Phal.</i> Ox Cheese x <i>Phal.</i> Ox Little Moon	Ox Orch.
Ox Happy Cassandra	<i>Phal.</i> Timothy Christopher x <i>Phal.</i> OxHappy Girl	Ox Orch.
Ox Little Princess	<i>Phal.</i> Chia E Yenlin x <i>Phal.</i> Ox Little King	Ox Orch.
Ox Lucky Gem	<i>Phal.</i> Ox Lucky Boy x <i>Phal.</i> Little Gem Stripes	Ox Orch.
Ox Lucky Star	<i>Phal.</i> Ox Lucky Boy x <i>Phal.</i> Ox Golden Star	Ox Orch.
Ox Luna Rosa	<i>Phal.</i> Lioulin Moon x <i>Phal.</i> Ox Spot Queen	Ox Orch.
Ox Mini Star	<i>Phal.</i> Sogo Mini Dog x <i>Phal.</i> Sunrise Star	Ox Orch.
Ox Moon Island	<i>Phal.</i> Ox Honey Moon x <i>Phal.</i> Fuller's AN-Plus	Ox Orch.
Ox New Tea	<i>Phal.</i> Ox Black Tea x <i>Phal.</i> Ox Golden Star	Ox Orch.
Ox Peter Pan	<i>Phal.</i> Ox Mini Star x <i>Phal.</i> Ox Golden Star	Ox Orch.
Ox Red Dancer	<i>Phal.</i> Ox Red Lion x <i>Phal.</i> Ox Happy Dancer	Ox Orch.
Pixie M	<i>Phal.</i> Taisuco Pixie x <i>Phal.</i> Motegi Pixie	Jin International
Pylo's Pharaoh	<i>Phal.</i> Pylo's Dixie Gelb x <i>Phal.</i> LD's Bear King	Big Leaf Orchids
Rita Zimmermann	<i>Phal.</i> Almap x <i>Phal.</i> violacea	T.Tomas
Shine	<i>Phal.</i> [Ki.] stobartiana x <i>Phal.</i> pulchra	I.Perosini
Shye-Lih Lobspis	<i>Phal.</i> Yaphon Lobspis x <i>Phal.</i> KS Lob-Timothy	Shye-Lih Orch.
SKB Black Lace	<i>Phal.</i> Lioulin R Lip x <i>Phal.</i> Formosa Cranberry	Liao, Lu-Chen
SKB Sakura	<i>Phal.</i> Unimax Sakurahime x <i>Phal.</i> Lioulin Hot Lip	Liao, Lu-Chen
Solomina	<i>Phal.</i> schilleriana x <i>Phal.</i> micholitzii	Ten Shin
So's Corning Ruby	<i>Phal.</i> corningiana x <i>Phal.</i> Penang Ruby	M.Behm
Taisuco Belliyuki	<i>Phal.</i> bellina x <i>Phal.</i> Sogo Yukidian	Taisuco
Taisuco Naranja	<i>Phal.</i> Sin-Yaun Golden Beauty x <i>Phal.</i> Taisuco Palette	Taisuco
Taisuco Pierrot	<i>Phal.</i> Sogo Yukidian x <i>Phal.</i> Taisuco Outshine	Taisuco
Thierry Tomas	<i>Phal.</i> honghenensis x <i>Phal.</i> corningiana	K.Herve
Tomo Dream Rose	<i>Phal.</i> Shiuh-Dong Sweet Heart x <i>Phal.</i> Yung Hsing Diamond	Xiang Yuan Orch.
Tying Shin Amazon	<i>Phal.</i> Ox Lion King x <i>Phal.</i> Tying Shin Red Emperor	Tying Shin Orch.
Tying Shin Cao-Tun Beauty	<i>Phal.</i> Tying Shin Smile Angel x <i>Phal.</i> Tying Shin New View	Tying Shin Orch.
Tying Shin Golden Leopard	<i>Phal.</i> Tying Shin Spring x <i>Phal.</i> Tying Shin Galaxy	Tying Shin Orch.
Tying Shin Papiilo	<i>Phal.</i> Tying Shin Super Star x <i>Phal.</i> Tying Shin Smile Kitty	Tying Shin Orch.
Tying Shin Snowy Owl	<i>Phal.</i> Tying Shin Snow Dance x <i>Phal.</i> Tying Shin Smile Mammon	Tying Shin Orch.
Tying Shin Spring Waltz	<i>Phal.</i> Sogo Genki x <i>Phal.</i> Yu Pin Fireworks	Tying Shin Orch.
Tying Shin Sun Dancer	<i>Phal.</i> Rong Guan Mary x <i>Phal.</i> Tying Shin Chilli	Tying Shin Orch.
Tying Shin Sun Princess	<i>Phal.</i> Tying Shin Rosy x <i>Phal.</i> Tying Shin Kawaii Pixie	Tying Shin Orch.
YangYang Ambonosa	<i>Phal.</i> Yungho Gelb Nosa x <i>Phal.</i> Brother Ambo Passion	Prince Orch.
YangYang Black Eagle	<i>Phal.</i> Zheng Min Muscadine x <i>Phal.</i> Yin's Black Eagle	Prince Orch.
YangYang Black Grape	<i>Phal.</i> Haur Jih Fancy x <i>Phal.</i> violacea	Prince Orch.
YangYang Black Knight	<i>Phal.</i> Golden Peoker x <i>Phal.</i> KS Super Zebra	Prince Orch.

NAME	PARENTAGE	REGISTERED BY
YangYang Black Magic	<i>Phal.</i> AL Sun Hannover x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Black Queen	<i>Phal.</i> Summer Dance Queen x <i>Phal.</i> Zheng Min Anaconda	Prince Orch.
YangYang Blue Sky	<i>Phal.</i> Peter Blue Diamond x <i>Phal.</i> Jennifer Palermo	Prince Orch.
YangYang Cherry Girl	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Yaphon Nicegirl	Prince Orch.
YangYang Cute Zebra	<i>Phal.</i> KS Super Zebra x <i>Phal.</i> Magnificent Mibs	Prince Orch.
YangYang Gigan Baby	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Yungho Little Baby	Prince Orch.
YangYang Golden Anaconda	<i>Phal.</i> Yaphon Image x <i>Phal.</i> Zheng Min Anaconda	Prince Orch.
YangYang Golden Canary	<i>Phal.</i> Yaphon Database x <i>Phal.</i> Joy Spring Canary	Prince Orch.
YangYang Golden Magic	<i>Phal.</i> Yaphon Gelacea x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Green Magic	<i>Phal.</i> Auspice Green Lake x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Happy Canary	<i>Phal.</i> Joy Spring Canary x <i>Phal.</i> Chang Maw Jade	Prince Orch.
YangYang Happy Zebra	<i>Phal.</i> Chang Yi Green Giant x <i>Phal.</i> KS Super Zebra	Prince Orch.
YangYang Kaiulani Eagle	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Mituo Kaiulani Eagle	Prince Orch.
YangYang King Ruby	<i>Phal.</i> LD's Bear King x <i>Phal.</i> Yungho Ruby	Prince Orch.
YangYang Little Baby	<i>Phal.</i> Yungho Little Baby x <i>Phal.</i> KS Super Zebra	Prince Orch.
YangYang Lover Angel	<i>Phal.</i> <i>gigantea</i> x <i>Phal.</i> Yaphon Lover	Prince Orch.
YangYang Passion Magic	<i>Phal.</i> Hannover Passion x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Purple Star	<i>Phal.</i> Jennifer Palermo x <i>Phal.</i> <i>bellina</i>	Prince Orch.
YangYang Red Grape	<i>Phal.</i> Haur Jih Fancy x <i>Phal.</i> Jong's Coral Wood	Prince Orch.
YangYang Red Magic	<i>Phal.</i> KS Super Zebra x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Red Passion	<i>Phal.</i> Auspice Green Lake x <i>Phal.</i> Brother Ambo Passion	Prince Orch.
YangYang Spring Magic	<i>Phal.</i> GW Green World x <i>Phal.</i> Joy Spring Canary	Prince Orch.
YangYang Sun Pulchra	<i>Phal.</i> Mituo Sun x <i>Phal.</i> <i>pulchra</i>	Prince Orch.
YangYang Super Eagle	<i>Phal.</i> KS Super Zebra x <i>Phal.</i> Mituo Kaiulani Eagle	Prince Orch.
YangYang Super Magic	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> GW Green World	Prince Orch.
YangYang Super Star	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Miro Super Star	Prince Orch.
Yaphon All Friends	<i>Phal.</i> Samera x <i>Phal.</i> Yaphon Super Jaguar	Yaphon Orch.
Yaphon All Love	<i>Phal.</i> Yaphon Lover x <i>Phal.</i> Summer Golden Jade	Yaphon Orch.
Yaphon Ambolacea	<i>Phal.</i> Yaphon Gelacea x <i>Phal.</i> Brother Ambo Passion	Yaphon Orch.
Yaphon Black Sky	<i>Phal.</i> David Lim x <i>Phal.</i> <i>violacea</i>	Yaphon Orch.
Yaphon Corllina	<i>Phal.</i> Valentinii x <i>Phal.</i> <i>bellina</i>	Yaphon Orch.
Yaphon Eyes	<i>Phal.</i> I-Hsin Venus x <i>Phal.</i> <i>bellina</i>	Yaphon Orch.
Yaphon Fox	<i>Phal.</i> Nobby's Fox x <i>Phal.</i> Zheng Min Muscadine	Yaphon Orch.
Yaphon Freshman	<i>Phal.</i> Yaphon Fox x <i>Phal.</i> Yaphon Dragon Maiden	Yaphon Orch.
Yaphon Friendly Dog	<i>Phal.</i> Yaphon Christmas x <i>Phal.</i> Yaphon Yellow Queen	Yaphon Orch.
Yaphon Gelb Alloy	<i>Phal.</i> Yaphon Database x <i>Phal.</i> Summer Golden Jade	Yaphon Orch.
Yaphon Gelb Tex	<i>Phal.</i> Yungho Gelb Canary x <i>Phal.</i> Tabasco Tex	Yaphon Orch.
Yaphon Gig-Ambo Sir	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Yaphon Super Cute	Yaphon Orch.
Yaphon Gig-Sir	<i>Phal.</i> Jong's Gigan Cherry x <i>Phal.</i> Yaphon Sir	Yaphon Orch.
Yaphon Golden Waltz	<i>Phal.</i> Yaphon Gem x <i>Phal.</i> <i>violacea</i>	Yaphon Orch.
Yaphon Home Page	<i>Phal.</i> Summer Golden Jade x <i>Phal.</i> Yaphon Christmas	Yaphon Orch.
Yaphon Im-Sir	<i>Phal.</i> Yaphon Image x <i>Phal.</i> Yaphon Sir	Yaphon Orch.
Yaphon Jade Rabbit	<i>Phal.</i> Yaphon Lobspis x <i>Phal.</i> Lioulin Goldfinch	Yaphon Orch.
Yaphon Lobb Speciosa	<i>Phal.</i> <i>speciosa</i> x <i>Phal.</i> <i>lobbii</i>	Yaphon Orch.
Yaphon Lobspis Peoker	<i>Phal.</i> Yaphon Lobspis x <i>Phal.</i> Golden Peoker	Yaphon Orch.
Yaphon Oh Yes	<i>Phal.</i> Yaphon Fox x <i>Phal.</i> Yaphon Yellow Queen	Yaphon Orch.
Yaphon Peoker	<i>Phal.</i> Yungho Gelb Canary x <i>Phal.</i> Sunrise Red Peoker	Yaphon Orch.
Yaphon Queen Bear	<i>Phal.</i> Yaphon Fox x <i>Phal.</i> Chienlung Happy Queen	Yaphon Orch.
Yaphon Red Ice	<i>Phal.</i> Yaphon Super Jaguar x <i>Phal.</i> Shingher Pure Love	Yaphon Orch.
Yaphon Shakespeare	<i>Phal.</i> Dendi's Treasure x <i>Phal.</i> Taida Pearl	Yaphon Orch.
Yaphon Snowman	<i>Phal.</i> Yaphon Database x <i>Phal.</i> Rainbow Falconer	Yaphon Orch.
Yaphon Speed Up	<i>Phal.</i> Yaphon Gelacea x <i>Phal.</i> Summer Golden Jade	Yaphon Orch.
Yaphon Stripes Canary	<i>Phal.</i> Chienlung Violet Canary x <i>Phal.</i> Yu Pin Fireworks	Yaphon Orch.
Yaphon Summer Rose	<i>Phal.</i> Yaphon Christmas x <i>Phal.</i> Jong's Gigan Cherry	Yaphon Orch.
Yaphon TV Show	<i>Phal.</i> Yaphon Hero x <i>Phal.</i> Yaphon Database	Yaphon Orch.
Yaphon Violarishii	<i>Phal.</i> Penang Violacea x <i>Phal.</i> <i>parishii</i>	Yaphon Orch.
Yaphon Well	<i>Phal.</i> Yaphon Giglacea x <i>Phal.</i> Yaphon Sir	Yaphon Orch.
Yaphon Wild Fox	<i>Phal.</i> Yaphon Fox x <i>Phal.</i> Joy Spring Canary	Yaphon Orch.
<i>Phragmipedium</i>		
An Khuong N Le	<i>Phrag.</i> Waunakee Wonder x <i>Phrag.</i> Waunakee Sunset	ThienNgo Le (Acker)
La Aldea Tersura	<i>Phrag.</i> Manzur la Aldea x <i>Phrag.</i> Hanne Popow	D.Manzur
Memoria Georg Lauger	<i>Phrag.</i> x <i>richteri</i> ³ x <i>Phrag.</i> Mountain Maid	T.Lehmann (Perflora)
Memoria Lauza Stewart	<i>Phrag.</i> Taras x <i>Phrag.</i> Mario Mireault	J-P.Faust
QF Kealoha	<i>Phrag.</i> Laurie-Lei Quintal x <i>Phrag.</i> <i>kovachii</i>	Quintal
QF Pink Frill	<i>Phrag.</i> Eric Young x <i>Phrag.</i> Eumelia Arias	Quintal

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Pleione		
Ashima	<i>Pln. pleionoides</i> x <i>Pln. grandiflora</i>	Wei Zhang
Makye Ame	<i>Pln. scopulorum</i> x <i>Pln. pleionoides</i>	Wei Zhang
x Renanthopsis		
Frigdaas Hong Guniang	<i>Ren. citrina</i> x <i>Phal.</i> Ney Shan Gu Niang	FRIGDAAS
Frigdaas Hong Hudie	<i>Ren. citrina</i> x <i>Phal.</i> Ben Yu Star	FRIGDAAS
Frigdaas Hong Qingting	<i>Phal.</i> Jiuhbao Red Rose x <i>Ren. imschootiana</i>	FRIGDAAS
Frigdaas Hong Wang	<i>Ren. citrina</i> x <i>Phal.</i> Jiuhbao Red Rose	FRIGDAAS
Frigdaas Hongmeigui	<i>Ren. citrina</i> x <i>Phal.</i> Jiuhbao Dragon Rose	FRIGDAAS
x Rhyncatlaelia		
Claudia's Lemonade	<i>Rlc. [Pot.]</i> Haw Yuan Gold x <i>L. [Schom.] undulata</i>	Ruben Sauleda
Graf's Orange Fun	<i>L. [Schom.] splendida</i> x <i>Rlc. [Blc.]</i> Goldenzelle	Plantio La Orquidea
x Rhyncatleanthe		
AR Bright Jewel	<i>Rth. [Pot.]</i> AR Free Angel x <i>Ctt. [Slc.]</i> Aloha Jewel	Rowell (O/U)
AR Free Angel	<i>Rth. [Pot.]</i> Free Spirit x <i>C. [Slc.]</i> Angel's Fantasy	Rowell (O/U)
Aurora's Glory Marie	<i>Rth. [Blc.]</i> Marie Tangerine x <i>Rlc.</i> Crimson Glory	Machado-Neto
Biltmore's Tropical Sunset	<i>Rth.</i> Carolina Orange D'Or x <i>Rlc.</i> William Farrell	J. M. Burchette (K.Davis)
Cheryl's Pearl	<i>Rth. [Pot.]</i> Free Spirit x <i>Rth.</i> Burdekin Champagne	A.Muscat (D. Penningh)
Crown Princess	<i>Ctt. [Slc.]</i> Jiara Goldmine x <i>Rth. [Pot.]</i> Thi-Ti	S.Petcharatana
Eclectic Orange	<i>Rth. [Pot.]</i> Orange Neon x <i>Rth. [Pot.]</i> Love Passion	K.& D.Emig (F.Clarke)
Five-Dock Golden Anniversary	<i>C. intermedia</i> x <i>Rth.</i> Rosella's Aussie Jewel	Rosella Orch. (A.S.Eggins)
Graf's Naranja Vibrante	<i>Rlc. [Pot.]</i> Beaufort Gold x <i>Ctt. [Slc.]</i> Tutankamen	Plantio La Orquidea
Hsinying Little Sun	<i>Rlc. [Pot.]</i> Hsinying Sunbeam x <i>Rth.</i> Shinfong Little Sun	Ching Hua
Jin San Sing	<i>Rlc. [Blc.]</i> Chen Chih Cheng x <i>Rth.</i> Tzeng-Wen Mailman	Tsai Jung Min
Jin San Sing Wang	<i>Rth. [Pot.]</i> Jin San Sing x <i>Rlc. [Blc.]</i> Liu's Joyance	Tsai Jung Min
Kobayashi Kyoko	<i>Ctt. [C.]</i> Porcia x <i>Rlc. [Pot.]</i> Medea (1946)	M.Kobayashi (O/U)
Memoria Geri Male	<i>Rlc. [Pot.]</i> Golden Circle x <i>Rth. [Blc.]</i> Love Sound	F.Clarke
Memoria Papin Seda	<i>Rth. [Blc.]</i> Hawaiian Discovery x <i>Ctt.</i> Trick or Treat	F.Clarke
Rosella's Aussie Delight	<i>Rlc. [Blc.]</i> Burdekin Delight x <i>Ctt.</i> Aussie Sunset	Rosella Orch. (A.S.Eggins)
Rosella's Flame	<i>Rlc. [Blc.]</i> Golden Canefields x <i>Ctt.</i> Rosella Fire	Rosella Orch. (A.S.Eggins)
Rosella's Little Buddy	<i>Rlc. [Blc.]</i> Yellow Jewel x <i>Ctt. [Slc.]</i> Dal's Buddy	Rosella Orch. (A.S.Eggins)
Rosella's Love Charm	<i>Rlc. [Bc.]</i> Dal's Charm x <i>Rth. [Blc.]</i> Love Sound	Rosella Orch. (O/U)
Rosella's Lovely Horizon	<i>Rth. [Blc.]</i> Love Sound x <i>Rlc. [Blc.]</i> Dal's Horizon	Rosella Orch. (A.S.Eggins)
Rosella's Shining Jewel	<i>Rlc. [Blc.]</i> Momilani Jewel x <i>Rth.</i> Rosella's Shining	Rosella Orch. (A.S.Eggins)
Rosella's Sweetie	<i>Rth. [Pot.]</i> Memoria Warren Eggins x <i>Rlc.</i> Love Call	Rosella Orch. (A.S.Eggins)
Smiley Kiss	<i>Rth. [Pot.]</i> Angel Kiss x <i>Rlc. [Blc.]</i> Toshie Aoki	Wilson Huang
Splendid Bird	<i>Ctt. [C.]</i> Humming Bird x <i>Rlc.</i> Carolina Splendor	Kitchings (K.Griffith)
Taiwan Pink Panther	<i>Rlc. [Pot.]</i> Taichung Beauty x <i>Ctt.</i> Sakura Candy	Chi Li Orchids
Vickie Frederico	<i>Ctt. [C.]</i> Chocolate Drop x <i>Rlc. [Blc.]</i> Chunyeah	Orchids R Us (J.Sellers)
Yuan-Hsing Star	<i>Ctt.</i> Barefoot Mailman x <i>Rth.</i> Tzeng-Wen Queen	Yen, Shih Cheng
x Rhynchobrassoleya		
Mitsue FCA	<i>Rlc. [Blc.]</i> Toshie Aoki x <i>Bc.</i> Binosa	Terada & Flachsland
Roraima	<i>Rlc. [Blc.]</i> Phu Lai x <i>B. cucullata</i>	Plantio La Orquidea
x Rhynchoaeliocattleya		
Anne Hughes	<i>Rlc. [Blc.]</i> George King x <i>C.</i> Spencer Brooks	I.Rich (Carter & Holmes)
Aurora's Aloha Brazil	<i>Rlc. [Bc.]</i> Brasil Quinhentos Anos x <i>C.</i> Aloha Case	Machado-Neto
Aurora's Love Moon	<i>Rlc. [Pot.]</i> Love Call x <i>Rlc. [Blc.]</i> Haw Yuan Moon	Machado-Neto
Aurora's Turambeat Memory	<i>Rlc. [Slc.]</i> Turambeat x <i>Rlc. [Pot.]</i> Lovely Memory	Machado-Neto (O/U)
Beechworth Beauty	<i>Rlc. [Blc.]</i> Toshie Flare x <i>C.</i> Lana Coryell	Lawranna
Brilliant Horizon	<i>Rlc. [Blc.]</i> Tzeng-Wen Bay x <i>Rlc.</i> Dal's Horizon	Ichizo Wakamoto
Budai Qian Hoo	<i>Rlc. [Slc.]</i> Qian Hoo x <i>C.</i> Thospol Spot	Ching-Cheng Tsai
Bundy's Eruption	<i>Rlc. [Blc.]</i> Burdekin Storm x <i>Rlc.</i> Hawaiian Eruption	J.W.Hughes
Burdekin Sunbeam	<i>Rlc. [Blc.]</i> Gerard Scalia x <i>Rlc. [Blc.]</i> Aranbeem	S.Scalia
Burdekin Sunburst	<i>Rlc. [Blc.]</i> Gerard Scalia x <i>Rlc.</i> Karen's Sunrise	S.Scalia
Calico Treasure	<i>Rlc. [Blc.]</i> Andean Treasure x <i>C.</i> Dal's Good One	J.&K.Green
Charlene Sau Yee Liu	<i>Rlc. [Blc.]</i> Unconditional Love x <i>Rlc. [Blc.]</i> Goldenzelle	Akatsuka Orch. Gdns.
Chunfong Red Rose	<i>Rlc. [Pot.]</i> Shinfong Honey x <i>Rlc.</i> Chunfong Red	Chun Fong
Crystal M. Long	<i>C.</i> Rosemary Manners x <i>Rl. [B.]</i> <i>glauca</i>	M.Manners
Deborah King Whitesell	<i>Rlc. [Blc.]</i> Suzuki's Matrix x <i>C.</i> June Bug	W.Bradeen
Dendi's Ella Jade	<i>Rlc.</i> Dendi's Olga x <i>C.</i> Beaufort	Dianne Diehm (D.Diehm)
Duckitt Gold	<i>Rlc. [Blc.]</i> King of Taiwan x <i>Rlc. [Blc.]</i> Duckitt Beauty	Duckitt
Elizabeth Jean Lee	<i>Rlc. [Blc.]</i> Beverly Blietz x <i>Rlc. [Blc.]</i> Green-heart	B.K.S.Lee (S.Mitamura)

NAME	PARENTAGE	REGISTERED BY
Ercolo Delfino Cassinelli	C. [Lc.] Melody Fair x <i>Rlc.</i> [Bc.] Turandot	E.N.Graça (R.Zanollo Jr)
Eve Marie Horizon	<i>Rlc.</i> [Blc.] Eve Marie Barnett x <i>Rlc.</i> Dal's Horizon	Ichizo Wakamoto
Fire Jewel	<i>Rlc.</i> [Pot.] Volcano Island x <i>Rlc.</i> Taeko Tamaki	Akatsuka Orch.Gdns.
Flying Chaffinch	<i>Rlc.</i> [Blc.] Chyong Guu Chaffinch x <i>Rlc.</i> Dal's Horizon	Ichizo Wakamoto
For Maria Teresa	<i>Rlc.</i> [Blc.] Magic Meadow x <i>C. forbesii</i>	D.Barczuk
Gang-shan Beauty	C. [Lc.] White Spark x <i>Rlc.</i> [Pot.] Elegant Dancer	Min-Tzu Huang
George Golden	C. [Slc.] George Hausermann x <i>Rlc.</i> [Blc.] Goldenzelle	Kasagawa Nurs.
George Vallezac	C. [Slc.] Vallezac x <i>Rlc.</i> [Blc.] George King	Kasagawa Nurs.
Graf's Rain Forest Green	<i>Rlc.</i> [Blc.] Tatarow x <i>C. schilleriana</i> (1857)	Plantio La Orquidea
John Blair	<i>Rlc.</i> [Blc.] Golden Sands (1970) x <i>C. amethystoglossa</i>	J.Grezaffi
Karen Marie Sellers	<i>Rlc.</i> [Blc.] Hawaiian Lightning x <i>Rlc.</i> [Blc.] Arabesque	Orchids R Us (J.Sellers)
Lawrie Green	<i>Rlc.</i> [Blc.] Glenlee Lauren x <i>Rlc.</i> California Girl	G.J.McKay (L.Green)
Maitland Golden	<i>Rlc.</i> [Blc.] Maitland x <i>Rlc.</i> [Blc.] Goldenzelle	Kasagawa Nurs.
Mao-Shan Rose	<i>Rlc.</i> [Pot.] Elegant Dancer x <i>Rlc.</i> Wan Luan Super Rose	Mao-Shan Orch.
Martha Brooker	C. Horace x <i>Rlc.</i> [Blc.] Malworth	Carter & Holmes
Memoria Bob Nevins	<i>Rlc.</i> [Blc.] Toshie Aoki x C. [Lc.] Hawaiian Flare	Coleman's
Memoria Grandma Lizzie Crawford	C. [Lc.] Solar Flame x <i>Rlc.</i> [Blc.] Corcoran Sunset	Orchids R Us (O/U)
Memoria Pancho Iriarte	C. <i>intermedia</i> x <i>Rlc.</i> [Blc.] Tzeng-Wen Beauty	Martínez Arrieta
Memorial Horizon	<i>Rlc.</i> [Pot.] Memoria Seichi Iwasaki x <i>Rlc.</i> Dal's Horizon	Ichizo Wakamoto
Miss Thailand	<i>Rlc.</i> [Blc.] Haadyai Delight x <i>Rlc.</i> Amazing Thailand	S.Noisuwan
Paithoon Delight	<i>Rlc.</i> [Blc.] Haadyai Delight x <i>Rlc.</i> [Blc.] Phet Paithoon	P.Donchanda
Pirate's Horizon	<i>Rlc.</i> [Blc.] Pirate's Fortune x <i>Rlc.</i> [Blc.] Dal's Horizon	Ichizo Wakamoto
Qian Hoo	<i>Rl.</i> [B.] <i>digbyana</i> x C. [Slc.] Leopard Lou	Ching-Cheng Tsai
Raingreen's SunCoast	<i>Rlc.</i> [Pot.] Memoria Shirley Moore x <i>C. guttata</i>	Florida SunCoast (Hill's Raingreen)
Red Horizon	<i>Rlc.</i> [Pot.] Red Crab x <i>Rlc.</i> [Blc.] Dal's Horizon	Ichizo Wakamoto
Rosella's Bonanza	<i>Rlc.</i> [Blc.] Chinese Beauty x C. Bonanza Queen	Rosella Orch. (A.S.Eggins)
Rosella's Direction	<i>Rlc.</i> [Blc.] Dal's Horizon x C. [Sc.] Dal's Choice	Rosella Orch. (A.S.Eggins)
Rosella's Gold Gem	<i>Rlc.</i> [Blc.] Brunswick Gem x <i>Rlc.</i> [Blc.] Sedona's Golden Kaleidoscope	Rosella Orch. (A.S.Eggins)
Rosella's Lollipop	C. [Sc.] Dal's Choice x <i>Rlc.</i> Swan's Lolly	Rosella Orch. (A.S.Eggins)
Rosella's Pleasure	<i>Rlc.</i> Glenn Maidment x C. Rosella's Royal Flare	Rosella Orch. (A.S.Eggins)
Rosella's Queen	<i>Rlc.</i> [Blc.] Burdekin Heights x C. Bonanza Queen	Rosella Orch. (A.S.Eggins)
Rosella's Wave	C. [Lc.] Tokyo Magic x <i>Rlc.</i> [Pot.] Rosella Tokyo	Rosella Orch. (A.S.Eggins)
Salonika Sunset	<i>Rlc.</i> [Blc.] Beverly Blietz x <i>Rlc.</i> Waikiki Sunset	R.Shoesmith (O/U)
Tateiwa Sunrise	<i>Rlc.</i> [Pot.] Haw Yuan Gold x <i>Rlc.</i> Quiet Dandy	Ichizo Wakamoto
Thaksina Rose	<i>Rlc.</i> [Blc.] Chomthong Fancy x <i>Rlc.</i> Rungnapha Fancy	S.Noisuwan
Tyan Jong Red Beauty	<i>Rlc.</i> Tyan Jong Xi Shi x <i>Rlc.</i> Qing Ming Jewel	Jheng Huei Orch.
Volcano Feeling	<i>Rlc.</i> Volcano Pink Puff x C. Mami Akatsuka	Akatsuka Orch.Gdns.
Volcano Reality	C. [Lc.] Volcano Fantasy x <i>Rlc.</i> Wendy Tanaka	Akatsuka Orch.Gdns.
Volcano Showy	<i>Rlc.</i> [Blc.] Ostad F Oveisi x <i>Rlc.</i> Kaoru Suzuki	Akatsuka Orch.Gdns.
Williette Horizon	<i>Rlc.</i> [Blc.] Williette Wong x <i>Rlc.</i> Dal's Horizon	Ichizo Wakamoto
Williette Lin	<i>Rlc.</i> [Blc.] Chia Lin x <i>Rlc.</i> [Blc.] Williette Wong	Ichizo Wakamoto
Yuan-Hshing Light	<i>Rlc.</i> [Pot.] Shinfong Honey x C. Tropical Rainbow	Yen, Shih Cheng
Zoe Cronje	C. [Lc.] Dorothy Fried x <i>Rlc.</i> [Blc.] Bluff Beauty	R.S.Cronje
x <i>Rhynchovanda</i>		
Sreekantan Nair	<i>V. spatulata</i> x <i>Rhy.</i> [Slm.] <i>retusa</i> (<i>violaceum</i>)	Decruse
x <i>Rhyntonleya</i>		
Sarah Kingsford's SunCoast	<i>Rlc.</i> [Blc.] Waianae Leopard x <i>Rly.</i> [Otr.] Sugita Spots	Florida SunCoast
<i>Sarcochilus</i>		
Barbara Gregory	<i>Sarco. fitzgeraldii</i> x <i>Sarco.</i> [Prcls.] Riverdene	D.Cannon (T.&B.Gregory)
Carol Ann	<i>Sarco.</i> Elegance x <i>Sarco.</i> Bonanza	F.Clarke
Orkology Jade	<i>Sarco.</i> Fire Tail (Jackson) x <i>Sarco. australis</i>	G.Steenbeeke
x <i>Seidenluisia</i>		
Cassandra Marie	<i>Sei.</i> [Aer.] <i>mitrata</i> x <i>Lsa. thailandica</i>	Ecoffey
x <i>Seidenlustyliis</i> *		
Thailand Fabulous Holiday	<i>Lst.</i> Pakkret Jungle x <i>Sei.</i> [Aer.] <i>mitrata</i>	M.Chanyangam
Sobralia		
Andrés Maduro	<i>Sob.</i> Zamora x <i>Sob. helleri</i> ¶	M.Jiménez
Marco Jiménez	<i>Sob.</i> Palanda x <i>Sob. helleri</i> ¶	M.Jiménez

NAME	PARENTAGE	REGISTERED BY
Spathoglottis Sunny Pingtung	<i>Spa. unguiculata</i> x <i>Spa. gracilis</i>	Mei Chuan Orch.
Stanhopea Good Intentions Greg Scott Squidsin Wetley Ghost	<i>Stan. greeri</i> x <i>Stan. versicolor</i> <i>Stan. Hesperides</i> x <i>Stan. wardii</i> <i>Stan. Cheddleton Chief</i> x <i>Stan. wardii</i> <i>Stan. oculata</i> x <i>Stan. jensischiana</i>	R.J.Hartley G. & I.Scott R.J.Hartley R.J.Hartley
Stenoglottis Kirstenbosch	<i>Sngl. Orion</i> x <i>Sngl. Libra</i>	Duckitt
x Stormara Yen HKN Nguyen	<i>Rth. [Blc.] Momilani Rainbow</i> x <i>Myc. [Smbc.] Memoria Louise Fuchs</i>	Ho-Kin Ng (O/U)
x Tibbsara * Magic Man	<i>Zdsnth. Magic Paradise</i> x <i>Zba. Elaine Oliver</i>	M.Tibbs
Tolumnia Sarah's Stunner SIO's June Marie Volcano Wave	<i>Tolu. Lonesome Reef</i> x <i>Tolu. [Onc.] Sundown Reef</i> <i>Tolu. Buck Hollow</i> x <i>Tolu. Anita</i> <i>Tolu. [Onc.] Wave Dancer</i> x <i>Tolu. Genting Volcano</i>	Woodland Jolah Orch. (Sky Island) S.Wood
x Vanchoanthe Ng-Yang Cheng Noi	<i>Vct. [Van.] Michelle Lim</i> x <i>Ple. [V.] Miss Joaquim</i>	David Lim
Vanda Ben Evergreen Delight Ben Fantasy Blue Nile Enche Besar Hajah Khalsom Binti Abdullah F.S.U. Jeanne Buchanan Jimmy Diaz José Luis Davila Kiwi Bob M. V. Tannins Misty Pace Motes Green Goblin Motes Pixie Dust My EmiLu Orquídea Santos Ray's Just Begun Redland Golden Sunrise Sarah Waddoups Silvia Leon Sparky's Spots St Catharine's College, Cambridge Wes Harris William Rasco	<i>V. javierae</i> x <i>V. [Eua.] sanderiana</i> <i>V. Violeta</i> x <i>V. denisoniana</i> <i>V. [Ascda.] Fiftieth State Beauty</i> x <i>V. coerulescens</i> <i>V. lamellata</i> x <i>V. Thianchai Gold</i> <i>V. Virginia Vercillo</i> x <i>V. Crownfox</i> <i>V. [Ascda.] Ken Slump</i> x <i>V. Amy Mitchell</i> <i>V. Suksamran Spots</i> x <i>V. Suksamran Sunlight</i> <i>V. Edwina Friedman</i> x <i>V. Florence Bousquet</i> <i>V. insignis</i> x <i>V. brunnea</i> <i>V. lamellata</i> x <i>V. [Ascda.] Memoria Thianchai</i> <i>V. Martina Rivera</i> x <i>V. Liz Letzler</i> <i>V. tessellata</i> x <i>V. longitepala</i> <i>V. [Chri.] vietnamica</i> x <i>V. Motes Ruby Pixie</i> <i>V. [Ascda.] Miami Velvet</i> x <i>V. Miami Mandarin</i> <i>V. Suzanne Rutzke</i> x <i>V. Jean Morgan Gilliland</i> <i>V. [Ascda.] Orange Glow</i> x <i>V. [Ascda.] Kultana</i> <i>V. denisoniana</i> x <i>V. Suzanne Mullane</i> <i>V. Marianne Montoro</i> x <i>V. Golamco's Blue Classic</i> <i>V. Peter Cummings</i> x <i>V. [Ascda.] Marianne Montoro</i> <i>V. Violeta</i> x <i>V. tricolor</i> <i>V. tricolor</i> x <i>V. ustii</i> <i>V. Fuchs Blue</i> x <i>V. tessellata</i> <i>V. Mary Lib Howell</i> x <i>V. Peter Cummings</i>	Banjong Orch. Banjong Orch. N. & L.Dusdieker Woon Leng Nurs (Hirunworawuttikul) R.F. Orchids R.F.Orchids R.F.Orchids R.F.Orchids Motes S.Henderson (O/U) R.F.Orchids Motes Motes Motes R.F.Orchids A.&R.Potts R.F.Orchids R.F.Orchids R.F.Orchids D.Genovese E.M.K-A.Chew R.F.Orchids R.F.Orchids
x Vandachostylis Bibelot	<i>V. coerulea</i> x <i>Van. [Vasco.] Midnight Treasure</i>	Brookside (M.Pendleton)
x Zygodisanthus Magic Paradise	<i>Pdsnth. micranthus</i> x <i>Z. Kiwi Magic</i>	M.Tibbs
x Zygolum Poet	<i>Z. B. G. White</i> x <i>Zglm. [Gptm.] Louisendorf</i>	C.Johnson
x Zygopabstia Poul Moestrup	<i>Zba. Elaine Oliver</i> x <i>Z. Paardeberg Blue</i>	M.Tibbs

REGISTRAR'S NOTES ON NAMES IN THIS SUPPLEMENT

¹ *Cymbidium iansonii* now treated in WCSP as *Cymbidium lowianum* var. *kalawense* (Colyear) Govaerts.

² *Dendrobium Anucha Flare* gx was entered on applications as Humming Butterfly, probably a cultivar epithet for a striking peloric clone.

³ *Phragmipedium x richteri* previously treated as a species. WCSP treats it as the hybrid *Phrag. boissierianum* x *Phrag. pearcei*, a concept that includes *Phragmipedium x merinoi* O. Gruss, which could be treated as a nothovar.

Phragmipedium x richteri nothovar. *merinoi* (O.Gruss) J.M.H. Shaw comb. et stat. nov. Basionym: *Phragmipedium x merinoi* O. Gruss in *Orchidee* (Hamburg) 61: 176 (2010), for *Phrag. boissierianum* var. *reticulatum* x *Phrag. pearcei*.

¶ Species new to registration

Dendrobium aurantiroseum P.Royen ex T.M.Reeve, *Orchadian* 7(6): 130 (1982).

Encyclia gonzalezii L.C. Menezes, *Orchid Digest* 55: 24 (1991). Syn. *Encyclia tocantinensis* V.P. Castro & Campacci, *Orquidário* 10: 74 (1996).

Sobralia helleri A.D. Hawkes in *Phytologia* 14: 16. 1966; *Fl. Nicaragua* 2: 1832. 2001.

Luisia macrantha Blatt. & McCann, *J. Bombay Nat. Hist. Soc.* 35: 492 (1932).

Lepanthes pelvis Pupulin & D. Jiménez, *Orchid Digest* 73(3): 142 (2009).

Masdevallia zumbuehlerae Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 87: 263a (t. 533). 2002 & *Icon. Pterothallid.* 23: 263a. 2002.

* New hybrid genera

x *Michaelara* [Mhl.] M. Tibbs nothogen. nov. = *Neogardneria* Schltr. ex Garay x *Paradisanthus* Rchb.f. x *Zygopetalum* Hook., named for Michael Tibbs (UK).

x *Michaeltibbsara* [Mtb.] J.M.H. Shaw nothogen. nov. = *Pabstia* Garay x *Paradisanthus* Rchb.f. x *Neogardneria* Schltr. ex Garay x *Zygopetalum* Hook., named for Michael Tibbs (UK).

x *Nottara* [Ntt.] F.W.Clarke nothogen. nov. = *Batemannia* Lindl. x *Galeottia* A.Rich. x *Neogardneria* Schltr. ex Garay x *Pabstia* Garay x *Zygopetalum* Hook., named for David C. Nott (USA).

x *Seidenluistylis* [SltY.] M.Chanyangam nothogen. nov. = *Luisia* Gaudlich x *Rhynchostylis* Blume x *Seidenfadenia* Garay.

x *Tibbsara* [Tbs.] M. Tibbs nothogen. nov. = *Pabstia* Garay x *Paradisanthus* Rchb.f. x *Zygopetalum* Hook., named for Michael Tibbs (UK).

REGISTRAR'S NOTES ON NAMES IN THE REGISTER

Correction

A provisional registration was published by error in the last *Orchid Review Supplement* 126(1322): 32 (June 2018) as: *Perreiraara* Motes something = *Prra*. Bangkok Sunset x V. Pralor, Motes (Aam Ploenpit). This grex epithet should be corrected to read *Perreiraara* Thai After Glow.

New hybrid genera

x *Gramenaria* [Grn.] J.M.H. Shaw nothogen. nov. = *Bifrenaria* Lindl. x *Grammatophyllum* Blume.

x *Papilanthopsis* [Pthp.] J.M.H. Shaw nothogen. nov. = *Papilionanthe* Schltr. x *Renanthera* Lour. x *Vandopsis* Pfitzer.

New Groups

Brassolaelia Joanne Singer grex **SunCoast White Stars Group**, bred and named by Jim Roberts, Florida. This Group represents the reciprocal cross to Joanne Singer grex, made using *Laelia rubescens* 'Alba' x *Brassavola subulifolia* 'Chuck Muller' AM/AOS. Date of pollination 11 Jan 2015, first flowered 03 March 2018. Description: flowers 8.4 cm wide natural spread, white, stellate; petals 4.2 x 0.6cm; lateral and dorsal sepals 4.4 x 0.5cm; lip 2.9 x 1.8cm, spoon-shaped; column 7mm long, pale green, anther cap white, pollinia 4.

Cypripedium Henning Pinkepank gx **Christian Group**, bred and named by Michael Weinert, Germany. Made 01 May 2014; first flowered 08 May 2018. Derived from *Cypripedium shanxiense* x *Cypripedium macranthos* var. *hotei-atsumorianum*. Description: flowers deep burgundy, petals 4.5cm long; lip 2.5–3cm wide x 3–3.5cm long. This Group and the grex to which it belongs are both elements within a natural hybrid species *Cypripedium x catherinae* Aver.

Dendrobium Ly's Pride grex **AF Legacy Group**, bred and named by Abdul Fattah, Singapore. This Group represents the reciprocal cross to *Den.* Ly's Pride = *Den. lasianthum* x *Den.* Black Spider. Made 13 May 2013; first flowered 03 Mar 2017. Description: antelope-type flower with long, once-twisted, upright, narrow petals, wine-red with yellow margins; sepals very similar but about half as long as petals, lateral sepals yellow on reverse, other tepals red on reverse; lip central band and mid-lobe narrow, purple, side lobes red with some yellow towards centre, column white with red lines, anther cap yellow.

New combinations

With the transfer of *Genyorchis* Schltr., *Westfr. Kautschuk-Exped.*: 280 (1900), nom. cons. into *Bulbophyllum*, the following new names are required.

Bulbophyllum apertiflorum (Summerh.) Govaerts & J.M.H. Shaw comb. nov. Basionym: *Genyorchis apertiflora* Summerh., *Kew Bull.* 12: 123 (1957).

Bulbophyllum paulae Govaerts & J.M.H. Shaw nom. nov. Replaced basionym: *Genyorchis elongata* Robyns & Tournay, *Bull. Jard. Bot. État Bruxelles* 25: 257 (1955). The epithet commemorates Paula Summerhayes, oldest grandchild of Kew orchid botanist Victor Samuel Summerhayes (1897–1974), who has volunteered for many years at Kew helping to improve the data of WCSP (World Checklist of Selected Plant families).

Bulbophyllum macranthum (Summerh.) Govaerts & J.M.H. Shaw comb. nov. Basionym: *Genyorchis macrantha* Summerh., *Kew Bull.* 12: 124 (1957).

Bulbophyllum platybulbum (Schltr.) Govaerts & J.M.H. Shaw comb. nov. Basionym: *Genyorchis platybulbon* Schltr., *Bot. Jahrb. Syst.* 38: 155 (1906).

Bulbophyllum excavatum Govaerts & J.M.H. Shaw nom. nov. Replaced basionym: *Genyorchis saccata* Szlach. & Olszewski, *Fl. Cameroun* 35: 489 (2001).

Bulbophyllum sanfordii (Szlach. & Olszewski) Govaerts & J.M.H. Shaw comb. nov. Basionym: *Genyorchis sanfordii* Szlach. & Olszewski, *Fl. Cameroun* 35: 485 (2001).

Bulbophyllum summerhayesianum (Szlach. & Olszewski) Govaerts & J.M.H. Shaw comb. nov. Basionym: *Genyorchis summerhayesiana* Szlach. & Olszewski, *Fl. Cameroun* 35: 489 (2001).

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

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

– 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

– 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

– a list of supplements available as PDFs to download.

† As in the current *Sander's List of Orchid Hybrids 3 Year Addendum 2014–2016* (published July 2017).

Registering of new orchid hybrids and searching the online register

New orchid hybrids can be registered at:

<https://plantregistration.rhs.org.uk>

The Register may be searched online at:

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

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

- Apply for registration by email:

orcreg@rhs.org.uk

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

Due to high bank charges, the RHS can only accept US dollar cheques for a minimum of 10 applications (\$165.00). The preferred method of payment is by credit card via a secure link that will be emailed to you after your applications have been processed.

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NEWSLETTER

OF THE RHS ORCHID HYBRID REGISTRATION ADVISORY GROUP (OHRAG)
NO. 9, SEPTEMBER 2018

An annual update from the Royal Horticultural Society on orchid name registration.

The Orchid Hybrid Registration Advisory Group meets twice yearly to review matters relating to the registration of orchid hybrid names. This past twelve months it has convened in November 2017 at Guayaquil, Ecuador during the World Orchid Conference, and in May 2018 at the RHS offices, Vincent Square, London. The next meeting is scheduled for December at the Linnean Society, Burlington House, London.

Membership

Membership remains unchanged except for the addition of Dr Peter Adams (Australia) as a corresponding member.

Online registration

Much work by a team of RHS IT developers over the last year or so culminated in the launch of online orchid hybrid registration during July 2018. Anyone wishing to register an orchid hybrid may open a secure online account, which conveniently retains a record of all that person's registrations. A sequence of screens with user notes guides an applicant through the process in easy steps from entering the parentage and the name to be registered, to optionally uploading a digital image of the hybrid. After submission online applications are stored pending acceptance by registration staff. Payment of registration fees after acceptance is also possible by credit card via a WorldPay site. Work is now in progress to provide similar online registration for names in the other plant groups for which the RHS is a registration authority.

Also in progress is a major development of a new plant name database which will hold all horticultural name records, including those that support the *RHS Plant Finder*, and all the registration data. This will result in better access to registration data including fields not currently available from the online portal.

Nomenclature

During the past year OHRAG reconsidered two thorny questions engendering strong feelings that continue to fuel debate, namely the acceptance or otherwise of *Odontoglossum*, and *Ida* versus *Sudamerlycaste*. The following is a summary of nomenclatural developments that were reviewed.

Brasolia* separated from *Sobralia

Baranow, P., Dudek, M. & Szlachetko, D.L. (2017) *Brasolia*, a new genus highlighted from *Sobralia* (Orchidaceae). *Plant Syst. Evol.* Published online 21 April 2017. DOI 10.1007/s00606-017-1413-z.

Molecular work confirms that *Elleanthus* is embedded within *Sobralia*. Rather than expand *Sobralia* this paper suggests removing part of the genus to *Brasolia*. The authors note that this does not solve the problem of a paraphyletic *Sobralia*.

It was agreed not to recognise *Brasolia* at generic rank, because of unassigned clades within the complex.

Dendrobium bigibbum

Adams, P.B. *Dendrobium bigibbum* (sect. *Phalaenanthe*) in Australia – analysis of diagnostic characters, review of taxa and a new classification. *Kew Bulletin* 70(2): 1–17 (2015).

Dr Adams briefly explained the findings of his studies and field work on the *Dendrobium bigibbum* complex confirming that there was only one species involved. The entities traditionally used in orchid hybrid registration

were not clearly separable and there was considerable overlap of characters, to such an extent that it was not possible to rely on traditional characters, such as the white patch on the lip to distinguish the varieties involved (20% of var. *superbum* plants had a white lip patch). Most plants did not have geographical data that would enable assignment to a race.

He confirmed that using a single species in registration going forward was the best option, and the Group concurred.

Dr Adams has provided an excellent, well-illustrated summary of his studies on the *Dendrobium bigibbum* complex in *The Orchadian* 19(4): 150–171 (June 2018).

Dendrobium officinale* – *D. catenatum

Xiaohua Jin & Luqi Huang (No. 2352) Proposal to conserve the name *Dendrobium officinale* (1936) against *D. stricklandianum*, *D. tosaense*, *D. pere-fauriei*. *Taxon* 64(2): 385–386 (April 2015). This proposal was accepted by Nomenclature Committee for Vascular Plants in *Taxon* 65(1): 169, 178 (Feb 2016), and confirmed by the General committee *Taxon* 66(2): 78 (April 2017).

Consequently *Dendrobium officinale* is the accepted name for this taxon.

However, a treatment proposed by Ormerod (in *Oasis* (Dora Creek) 1(4): 14. 2000) stated that *D. officinale*, *D. tosaense*, *D. stricklandianum* and *D. catenatum* were conspecific. This had been followed by *Flora of China* 25: 382. 2009, and Kew's World Checklist of Selected Plant families using the name *Dendrobium catenatum* [Jun 1830] as this was the oldest name for this concept.

The conclusion that all these names apply to the same concept has since been questioned by several workers. *Dendrobium catenatum* Lindl. was based on two elements, *Epidendrum monile* Thunberg (excluding *E. moniliforme* L.) and an illustration from China (Reeves) kept in the RHS Lindley Library. It was this illustration that was designated as the lectotype by Ormerod. However, this illustration may well represent a species that is currently known as *Dendrobium shixingense* and consequently the earlier name *Dendrobium catenatum* Lindl. would apply to this taxon.

Prof. Xiaohua Jin, who co-authored the proposal in *Taxon*, kindly replied to a query from the Registrar, "I have examined the colour painting of *Dendrobium catenatum* and live plants of *Dendrobium shixingense*. It seems these two species are the same."

Prof. Yi-Bo Luo considered the characters of the illustration to be unreliable and thought it did not represent either *D. officinale* or *D. catenatum*. He suggested the lectotypification by Ormerod should be reviewed, and possibly rejected.

Dr Harding suggested that the lectotype illustration might be a composite, and that the name *D. catenatum* may have to be re-typified.

After deliberation it was agreed to accept the name *Dendrobium officinale* for this taxon in the register and the World Checklist of Selected Plant Families in line with the conservation proposal in *Taxon*.

Further moves to deal with the nomenclature of the taxon currently known as *Dendrobium shixingense* and the application of the name *Dendrobium catenatum* would be left to Chinese botanists.

Ida* vs *Sudamerlycaste

Comments by F. Pupulin and A. Karremans in *Orchids* (USA) 86(7): 497–498 (July 2017) claiming that *Sudamerlycaste* was not effectively published until 'post 2007' have reignited the debate over which generic name to use. This statement is based on library records they investigated which indicate that 12 December 2008 was the earliest recorded date of receipt for *Revista Guatemalensis* 5(2) with a cover publication date of November 2002 in which *Sudamerlycaste* Archila was invalidly published, without a Latin diagnosis; and that February 2009 was the earliest date of receipt for *Revista Guatemalensis* 5(3) with a cover publication date of December 2002, in which *Sudamerlycaste* Archila was validly published. *Ida* Ryan & Oakeley was published in *Orchid Digest* 67(1): 8–10 (January 2003).

Regarding the above, Mr Govaerts observed that ICN Art. 31.1. requires acceptance of the date on the journal unless there is "proof establishing some other date". The authors had not established "some other date" for publication, merely that in some libraries it was received much later. The journal was only distributed in and around Guatemala and it was only several years later, about the time when Kew staff became aware of it and requested copies, that copies were sent to those libraries listed. The authors should have looked for copies in libraries in Guatemala or with people on the original mailing list. As long as no proof is available establishing

some other date, the date on the cover has to be accepted as mandated by ICN Art. 31.1.

He noted a similar case concerning Dumortier's *Florula Belgica* which has the date of 1827 on the cover but, as the Belgian war of independence was raging at the time, it is not likely to have been published until 1830. *Taxonomic Literature 2* notes, "unconfirmed notes refer to a delay in publication up to 3 years" (which as above is not proof). Consequently 1827 is accepted as the date of publication along with the resultant priority over other works.

Mr Govaerts commented that the genus *Sudamerlycaste* and its combinations are definitely effectively published since "circulated privately to friends" is enough for valid publication.

Since it was "produced by the author and friends and circulated privately to friends" proof for the date of publication could be established by finding a copy sent to one of the friends that has a dated postal mark or a dated signature of the author, or by consulting records kept by the publisher or printer rather than by looking at libraries that were not on the original mailing list.

Dr Oakeley had publicly stated his intentions to publish *Ida*. He visited Guatemala and discussed his intention with Dr Archila. Moreover the name *Ida* was used in print, though it was not validly published, by Karl Senghas, after correspondence with Dr. Oakeley in Senghas, K., Sonderabdruck aus Schlechter, *Die Orchideen*, 3. Auflage Band I/C: Taxonomischer Teil 5. Unterfamilie: Vandoideae. Nachtrage II. Epilog. (2002): 2779–2781, published in December 2001.

Consequently it would be possible for Dr Archila, or anyone else, to obtain the needed clues and publish an alternative name before Ryan and Oakeley in January 2003.

After reviewing the above points it was agreed to retain *Sudamerlycaste* in the Register and WCSP.

Phylogenetics of *Eria* and related genera

Paper received: Ng, Y.P., Schuiteman, A., Pedersen, H.A., Petersen, G., Watthana, S., Seberg, O., Pridgeon, A.M., Cribb, P.J. & Chase, M.W. Phylogenetics and systematics of *Eria* and related genera. *Bot. J. Linn. Soc.* 186: 179–201 (2018).

The main changes involve recognition of two new genera, *Bambuseria* formerly *Eria* sect. *Bambusifolia*, and *Strongyleria* formerly *Eria* sect. *Strongyleria*.

In registration there are very few hybrids involved, including a few *Mediocalcar* species which remain unchanged, and one nothogenus \times *Bryopinalia* = *Bryobium* \times *Pinalia*, based on *B. hyacinthiodes* \times *P. bicristata*, Kuntze 1891, which hybrid is not affected.

It was noted that better sampling has produced a clearer result than that on which the *Genera Orchidacearum* account was based. The Group agreed to adopt these new generic limits.

Odontoglossum and *Oncidium*

After a presentation at the World Orchid Conference in Ecuador last November by Stig Dalstrom and Wesley Higgins on the recognition of a redefined and expanded *Odontoglossum*, strong feelings have been expressed from several quarters wishing to see the acceptance of *Odontoglossum* in the Register and possibly the World Checklist of Selected Plant Families once again. As a result the following items had been received for consideration:

- Several unpublished items from Stig Dalstrom, including a key to species groups in the *Odontoglossum* complex.
- Dalstrom, S. (2012) New combinations in *Odontoglossum* and a solution to a taxonomic conundrum. *Lankesteriana* 12(1): 53–60.
- Dalstrom, S. & Higgins, W.E. (2016) New combinations and transfers to *Odontoglossum* Oncidiinae: avoid creating new names. *Harvard Papers in Botany* 21(1): 97–104.
- Kolanowska, M. & Szlachetko, D.L. (2016) Problems with generic delimitation in the *Odontoglossum* complex and an attempt for a solution. *Plant Syst. Evol.* 302: 203–217.
- Email correspondence from Bob Hamilton (USA), along with a reply from the OHRAG Chairman, Mr Hermans.

On this occasion the Group was joined by Dr Peter Sander (of Sander's List dynasty) and Mr John Gay, both *Odontoglossum* supporters. Unfortunately Stig Dalstrom was unable to attend as he was engaged in field work in the Colombian Andes preparatory to his forthcoming *Odontoglossum* monograph.

To open the discussion Prof Chase gave a PowerPoint presentation regarding his search for a consistent

taxonomic treatment of the *Oncidiinae*, in which he made the following observations.

Classifications, particularly those adopted in horticulture, had been largely utilitarian in the past rather than natural or even phylogenetic. Natural classifications attempted to group similar plants together but these were not necessarily phylogenetic. During the 1990s molecular data began to be utilised along with morphology and statistical analysis (cladistics) to group taxa on similarity of selected DNA sequences. This resulted in a changed basis for classification that had not been widely understood.

He explained he had not set out with the goal of eliminating *Odontoglossum*, and also observed that *Odontoglossum* had changed considerably from the early concept which included many taxa now segregated as other genera including *Cyrtochilum*, *Rossioglossum*, and *Rhynchosteale*. It was traditionally thought that *Odontoglossum* included the higher-elevation, white-flowered plants exemplified by *Odontoglossum crispum*, whereas *Oncidium* consisted of yellow-flowered plants mostly from lower elevations such as *Oncidium baueri*. However his molecular work had revealed that yellow 'Oncidium-type' flowers occurred scattered throughout the complex and hence flower colour was not a useful generic character. A bulbous structure at the column base, known as the tabula infrastigmatica, was a common feature in flowers of this group. It was part of a suite of characters that mimicked flowers of *Malpighiaceae*. In fact yellow-flowered *Oncidiinae* displayed the same UV absorption characteristics as yellow-flowered *Malpighiaceae*, so that they would appear indistinguishable to bees. The orchids did not generally offer any reward and hence were deceptive attractants for bee pollination. Pink-flowered *Oncidium* such as *Oncidium sotoanum* also mimicked pink-flowered *Malpighiaceae*. In these malpighiaceae flowers a single petal stood erect and served as signal to bees who held on to it while gathering oil from glands on the flower which they mixed with pollen to feed their young. Similarly these bees grasp the tabula infrastigmatica while they attempt to gather non-existent oil from the lip callus of *Oncidium*-type flowers.

As early as 1963 Leslie Garay (AOS Bull. 32: 19–24) had noted that the genera in *Oncidiinae* were distinguished only by the angle between the column and the lip.

Heteranthocidium was a group in *Oncidiinae* in which many species, but not all, produced an inflorescence consisting of sterile flowers with just a few fertile flowers at the extremities. It was thought that seed set was low in the wild because deceit pollination did not encourage a return by bees, and that consequently constructing an inflorescence mostly from sterile flowers would save the plant's resources. Since some taxa in this group produced all fertile flowers this was a questionable character on which to base a genus.

In addition, these yellow-flowered *Oncidiinae* were not all lower-elevation plants, as some, including *Oncidium pictum*, were found at high altitudes along with the classical *Odontoglossum* types. Consequently Prof Chase had concluded that it did not help to separate *Odontoglossum* from this complex as it would contain a mixture of floral types.

The submissions by Stig Dalstrom proposed expanding *Odontoglossum* to include species formerly included in *Cochlioda*, *Solenidiopsis*, *Collare-stuartense* along with a few other species in that clade, and recognising *Sigmatostalix* as distinct from *Oncidium*. He noted that this was consistent with the molecular results published by Neubig *et al.* He had also noted a number of misidentifications of studied material cited by Chase and in the *Genera Orchidacearum* account. Dalstrom had produced a key that enabled these genera to be separated, based on vegetative features, and was currently working on a monographic revision of the expanded *Odontoglossum*.

In the discussion that followed, these main points emerged:

- Dr Cribb commented that it was worth working to produce a helpful classification, but that large genera were in general not helpful, as it was hard to write keys.
- Dr Harding (in a written submission) opined that Dalstrom's key seemed to work, and welcomed the prospect of breaking up *Oncidium* sensu Chase in to 'more workable' genera once again, and would also welcome the return of *Sigmatostalix*.
- Dr Sander wanted to see easy-to-use hybrid information in the Sander's List books and observed that lumping everything into *Oncidium* did not help achieve this aim. For an example he noted that plants labelled *Odontoglossum* would need cool-house conditions, whereas those labelled *Oncidium* required a warm house.
- Mr Purver observed that, in orchid breeding, hybridisers had only worked with a narrow selection of species that resembled *Odontoglossum crispum*, and this had resulted in a very narrow view of what constituted *Odontoglossum*.
- It was suggested that *Odontoglossum* could be retained as a common name or a group within *Oncidium*.
- Mr Ejiri thought that large genera were helpful to the public because there were fewer names to learn.

It was generally agreed that part of the answer was to make the register searchable online by synonym genera, so that lists of *Odontoglossum* hybrids could be easily retrieved.

The German Orchid Society (DOG) was interested in discussing the subject further as they were not happy

with the loss of *Odontoglossum*, but had not yet had time to put ideas together. They would be welcome to present their ideas at a future meeting.

Dr Elliott observed that a similar situation had arisen regarding *Vanda* into which many other genera had been subsumed as a result of molecular work. The resulting show schedules now contained classes for plants derived from a dominant species parentage, such as *Vanda sandariana*-type hybrids. He felt this was instructive and worked well. Further he suggested that this issue was revisited after the new database was available with enhanced search facilities; it was also hoped that by then Mr Dalstrom's book on the genus *Odontoglossum*, including new keys, would also be available.

The Registrar suggested that it would be possible to list *Oncidiinae* hybrids by Groups that corresponded to the old generic concepts – a suggestion welcomed by Dr Sander.

The discussion ended with the question of acceptance of *Odontoglossum* left open. Further discussion is planned when more evidence has been accumulated in favour of accepting or rejecting *Odontoglossum*.

Sarcochilus roseus

In agreement with the suggestion by Dr Adams, this name was treated as a synonym of *Sarcochilus ceciliae* in both the register and World Checklist of Selected Plant families.

Text by Julian Shaw, June 2018.