

NEW ORCHID HYBRIDS

September, October, November 2001 REGISTRATIONS

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

NAME	PARENTAGE	REGISTERED BY (O/U = Originator unknown)
AÆRIDOVANDA Jimmy Yong	<i>Aær. lawrenceae</i> x <i>V. Chao Praya Sapphire</i>	Chao Praya Orch.
ALICEARA Julia Laguna	<i>Onc. Lluvia Dorada</i> x <i>Mtssa. Olmec</i>	J.Oliveras-Laguna(E.Santiago)
ASCOCENDA Deep Sea Blue Mike Pitiriciu	<i>Ascda. Yip Sum Wah</i> x <i>V. Karulea</i> <i>V. Ray Robinson</i> x <i>Ascda. Fuchs Golden Shiner</i>	Coqui(O/U) R.F. Orchids
ASPASIUM Americas	<i>Asp. principissa</i> x <i>Onc. monacranthum</i> §	Everglades
BAKERARA Bongo	<i>Bak. Black Valentine</i> x <i>Onc. powellii</i>	Everglades
BEALLARA Purple Hill	<i>Mtssa. Mourier Bay</i> x <i>Oda. Flora Maxey</i>	H.Rohrl
BOLLEANTHES Fredensborg	<i>Bol. coelestis</i> x <i>Cnth. amazonica</i>	H.Christiansen
*BRAPACIDIUM (Bpc.) Good Earth	<i>Brap. Star Prince</i> x <i>Onc. crispum</i>	Everglades
BRASSIA Solana	<i>Brs. Rex</i> x <i>Brs. thyrsodes</i>	H.Rohrl
BRASSOCATTLEYA Memoria Twin Tower	<i>Bc. Anauris Santiago</i> x <i>C. Porcia</i>	Orch.by Eli
BRASSOLAELIOCATTLEYA Autumn Sky	<i>Blc. Bouton D'Or</i> x <i>Blc. Garrett Sullivan</i>	F.Fordyce(E.B.Horton)
Banana Royale	<i>Blc. Toshie Aoki</i> x <i>Blc. Garrett Sullivan</i>	F.Fordyce(E.B.Horton)
Battle Of Nashville	<i>Blc. Kathy O'Malley</i> x <i>Blc. Corporal Bolte</i>	A.Klehm
Beauty Girl	<i>Blc. Port Green</i> x <i>Blc. Chian-Tzy Lass</i>	F.Chu-Yi
Chanachai	<i>Blc. Macao</i> x <i>Lc. Bangkok Sunset</i>	T.Orchids
City of Marica	<i>Bc. Pastoral</i> x <i>Blc. Memoria Crispin Rosales</i>	E.Porto
Cruzan Star	<i>Blc. Doña Lillian</i> x <i>Blc. Painter's Brush</i>	Coqui
Dal's Brilliance	<i>Lc. Prophecy</i> x <i>Blc. Dundas</i>	R.Greinke(D.&B.Littman)
Diciommo Regina Celia	<i>Blc. Erin Kobayashi</i> x <i>C. Hawaiian Variable</i>	DiCiommo
Exdra's Marica	<i>Blc. Norman's Bay</i> x <i>Blc. Iroquois Trail</i>	E.Porto
Fort Morgan	<i>Blc. Miya's Gold</i> x <i>Blc. Oconee</i>	A.Klehm
Global Delight	<i>Bc. Pastoral</i> x <i>Blc. Eve Read</i>	Don Massey
Glorybound	<i>Blc. Owen Holmes</i> x <i>Blc. American Heritage</i>	F.Fordyce
Gullivan Bay	<i>Blc. Golden Galleon</i> x <i>Blc. Memoria Benigno Aquino</i>	A.Klehm

Hsinying Catherine
Memoria Francisco Silva
Monchu's Golden Star
Noreim Santiago
Prestigious
Raspberry Lemonade
Siam Sunflame
Sigrid Burzlaff
Silken Lode
Sorpresa
Syuuji Takamatsu
Tropical Paradise

Lc. Fair Catherine x *Blc. Love Sound*
Lc. Bonanza x *Bc. Pastoral*
Blc. San Diego Sunset x *Blc. Doña Lillian*
Blc. Bryce Canyon x *C. Penny Kuroda*
Blc. Malibu Gem x *Lc. Buccaneer*
Blc. Primate x *C. Wolteriana*
Blc. Korat Sunset x *Blc. War Chant*
Bc. Bill Worsley x *L. fidelensis*
Blc. Shot Silk x *C. loddigesii*
Blc. Meditation x *C. walkeriana*
Lc. Mary Elizabeth Bohn x *B. digbyana*
C. Bebe White x *Blc. Toshie Aoki*

Ching Hua
E.Porto
Coqui
Orch.by Eli
F.Fordyce
F.Fordyce
Wim Prada Pradon
I.Burzlaff
C.Barnes
Coqui(O/U)
T.Takamatsu
Orch.by Eli

BULBOPHYLLUM

Fredensborg Delight

Bulb. lobbii x *Bulb. cruentum*

H.Christiansen

BURRAGEARA

Malibu
Mountain Cat

Colm. Ruth Liebman x *Oda. Vega*
Vuyl. Linda Isler x *Odcdm. Crowborough*

H.Rohrl(Liebman)
J.Fang

CALANTHE

Narita
Urayasu

Cal. bicolor x *Cal. Yutaka*
Cal. Narashino x *Cal. bicolor*

Hiroshi Yamamoto
Hiroshi Yamamoto

CATTLEYA

Comets Tail
Dianna Ruybalid
Memoria Ivy Bristow

C. aclandiae x *C. Landate*
C. schroderae x *C. Horace*
C. Tiffin Bells x *C. Picasso*

F.Fordyce
F.Fordyce
R.Matthews

CIRRHOPHYLLUM

Coupe Point

Bulb. Jersey x *Cirr. rothschildianum*

E.Young O.F.

CYMBIDIUM

Afternoon Delight
Beach Girl
Beautiful Muse
Beauty Therapy
Blissful View
Blowout
Caracas Cutie
Delightful Katy
Devon Elf
Devon Shell
Dora May Price
Emerald Cascade
Enzan Orion
Enzan Prophet
Falling Passion
Flamer
George Boulton
Golden Grapes
Golden Summer
Gormless Greg
Green Sky
Hot Pearl
Iris Cooper
Isle Of Capri

Cym. Dutchman's Delight x *Cym. Summer Geyser*
Cym. Palm Beach x *Cym. Goldilocks Girl*
Cym. Musita Flame x *Cym. Red Beauty*
Cym. Sleeping Beauty x *Cym. Dream Therapy*
Cym. Blissful x *Cym. Preview*
Cym. Hazel Tyers x *Cym. Beaconfire*
Cym. Highfalutin x *Cym. Beach Girl*
Cym. Dutchman's Delight x *Cym. Katy Shaw*
Cym. Golden Elf x *Cym. devonianum*
Cym. Gladys Whitesell x *Cym. devonianum*
Cym. Dutchman's Delight x *Cym. Etta Barlow*
Cym. Langleyense x *Cym. Esmeralda*
Cym. Melinga x *Cym. Orion*
Cym. Enzan Stone x *Cym. Red Prophet*
Cym. Portuguese Passion x *Cym. Golden Cascade*
Cym. Red Panther x *Cym. Musita Flame*
Cym. Musita x *Cym. Winter Fair*
Cym. Maureen Grapes x *Cym. Golden Elf*
Cym. Golden Elf x *Cym. elegans*
Cym. Vanguard x *Cym. Sleeping Beauty*
Cym. Golden Armstrong x *Cym. sinense*
Cym. Pearly Pepper x *Cym. Wattie's Hotpot*
Cym. Mighty Sensation x *Cym. Huckleberry*
Cym. Cariga x *Cym. Tethys*

Mukoyama(A.Easton)
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Mukoyama(A.Easton)
Mukoyama(A.Easton)
Everglades(A.Easton)
Mukoyama(A.Easton)
G.T.Price(L.Gale)
Mukoyama(A.Easton)
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Mukoyama(A.Easton)

Kiwi Baron	<i>Cym. Kiwi Cascade</i> x <i>Cym. Ruby Eyes</i>	Mukoyama(A.Easton)
Koushu Cherry	<i>Cym. Cherry Blossom</i> x <i>Cym. tracyanum</i>	Mukoyama
Koushu Lady	<i>Cym. Memoria Jacqueline Oyston</i> x <i>Cym. Khai Rainbow's End</i>	Mukoyama
Koushu Rainbow	<i>Cym. Enzan View</i> x <i>Cym. Khai Rainbow's End</i>	Mukoyama
Llewelyn	<i>Cym. Coraki</i> x <i>Cym. Masquerade</i>	P.Grech
Llewelyn Gold	<i>Cym. Wallaga Lake</i> x <i>Cym. Masquerade</i>	P.Grech
Louie's Pride	<i>Cym. Dag</i> x <i>Cym. Hazel Tyers</i>	A.Friess(C.Halls)
May Art	<i>Cym. Peachlet</i> x <i>Cym. Artful Dodger</i>	Mukoyama(A.Easton)
Memoria Sea	<i>Cym. Memoria Jacqueline Oyston</i> x <i>Cym. Seaside</i>	Mukoyama
Miss Taipei Unveiled ¹	<i>Cym. Super Baby</i> x <i>Cym. sinense</i>	M.Stagg(O/U)
Mooloo	<i>Cym. George Boulton</i> x <i>Cym. Rotorua</i>	Mukoyama(A.Easton)
Parish Radiance	<i>Cym. Radiant Harry</i> x <i>Cym. parishii</i>	Mukoyama(A.Easton)
Pearl Diver	<i>Cym. Wakakusa</i> x <i>Cym. Dream Therapy</i>	Mukoyama(A.Easton)
Persuasive Magic	<i>Cym. Red Magic</i> x <i>Cym. Carikhyber</i>	Mukoyama(A.Easton)
Predawn Dream	<i>Cym. Dream Therapy</i> x <i>Cym. Colonial Dawn</i>	Mukoyama(A.Easton)
Procol Harum	<i>Cym. Mighty Sensation</i> x <i>Cym. Electric Ladyland</i>	Mukoyama(A.Easton)
Pure Passion	<i>Cym. Portuguese Passion</i> x <i>Cym. Pure Ransom</i>	Mukoyama(A.Easton)
Ruby Blossom	<i>Cym. Cherry Blossom</i> x <i>Cym. Ruby Eyes</i>	Mukoyama
Ruby Smuggler	<i>Cym. Rum Runner</i> x <i>Cym. Ruby Eyes</i>	Mukoyama(A.Easton)
Saint Alban Beacon	<i>Cym. Albanense</i> x <i>Cym. Beaconfire</i>	Mukoyama(A.Easton)
Saint Alban Parish	<i>Cym. Albanense</i> x <i>Cym. parishii</i>	Mukoyama(A.Easton)
Sensational Tapestry	<i>Cym. Sensational Vintage</i> x <i>Cym. Yowie Tapestry</i>	Mukoyama(A.Easton)
Showoff Flower	<i>Cym. Great Flower</i> x <i>Cym. Showoff Sweetheart</i>	Mukoyama
Silver Chalice	<i>Cym. Rod Stewart</i> x <i>Cym. Mizuha Okada</i>	Everglades(A.Easton)
Snow Vista	<i>Cym. Preview</i> x <i>Cym. Snow Sprite</i>	Mukoyama(A.Easton)
Spark Sprite	<i>Cym. Sarah Jean</i> x <i>Cym. canaliculatum</i>	V&A Helbig(Adelaide)
Spring Angel	<i>Cym. Lovely Angel</i> x <i>Cym. Enzan Spring</i>	Mukoyama
Sumptuous	<i>Cym. Peter Pan</i> x <i>Cym. Baltic Dream</i>	Everglades(Rudvalis)
Sylvan Street	<i>Cym. Enzan Street</i> x <i>Cym. Sylvan Khan</i>	Mukoyama
Tyers	<i>Cym. Foxfire Angel</i> x <i>Cym. Operetta</i>	B.Umbrasas
Valentine Strawberry	<i>Cym. Candy Floss</i> x <i>Cym. Khyber Pass</i>	Mukoyama(A.Easton)
Via Yvonne's Sunshine	<i>Cym. Artisan</i> x <i>Cym. Alnwick Castle</i>	P.Rietz(Gallup&Stribling)
Vivid Beauty	<i>Cym. Sleeping Beauty</i> x <i>Cym. Gottianum</i>	Mukoyama(A.Easton)
Yamanashi Red Eyes	<i>Cym. Strawberry Village</i> x <i>Cym. Realité</i>	Mukoyama
DENDROBIUM		
Beijing Olympics Gold	<i>Den. Burana Green</i> x <i>Den. Tropifame</i>	M.H.Law
Chao Praya Fire	<i>Den. Sonia</i> x <i>Den. Suzanne Neil</i>	Chao Praya Orch.
Cory Hoehn	<i>Den. Pinky Sem</i> x <i>Den. Joe-Bobbie</i>	J.Grezaffi
Dane Neifert	<i>Den. Midnight</i> x <i>Den. alexandrae</i>	D.Neifert
Falguni Playhouse	<i>Den. Falguni</i> x <i>Den. Playhouse</i>	John Hutchinson
Fivedock Fire	<i>Den. Akatuki</i> x <i>Den. Shinonome</i>	L.Woolnough(F.W.Jones)
Florafest Beauty	<i>Den. Peewee</i> x <i>Den. Gillieston Peach Fuzz</i>	Florafest
Gillieston Peach Fuzz	<i>Den. Gillian Leaney</i> x <i>Den. Karen Nair</i>	Florafest(W.Skillicorn)
Law Beauty	<i>Den. Yamane</i> x <i>Den. Mount Kelly Beauty</i>	M.H.Law
Liew Ah Soo	<i>Den. Mary Trowse</i> x <i>Den. Amro</i>	Koh Keng Hoe
Manon	<i>Den. Saeng Thong</i> x <i>Den. Hirota</i>	Les Epidendrum(T.Orchids)
Neifert's Himarai	<i>Den. Ahulani Hinojosa</i> x <i>Den. Samarai</i>	D.Neifert
Neifert's Spell	<i>Den. Spellbound</i> x <i>Den. Muang Thai</i>	D.Neifert
Neifert's Velvet	<i>Den. Midnight Velvet</i> x <i>Den. Palolo Sunshine</i>	D.Neifert
Noah	<i>Den. Sun Star</i> x <i>Den. Yondi</i>	P.Grech(O/U)
Yuan Nan Dreamy	<i>Den. Big Ham</i> x <i>Den. D'Bush Pansy</i>	V.Boonyuenvetwat
Yuan Nan Ruby	<i>Den. Burmese Ruby</i> x <i>Den. Big Ham</i>	V.Boonyuenvetwat
DISA		
Avalon	<i>Disa Bountiful</i> x <i>Disa Fashion Plate</i>	V.Henderson
Goldsmith	<i>Disa Golden Age</i> x <i>Disa Riversdale</i>	V.Henderson

S.& M.Cywes
V.Henderson
V.Henderson

Nobby Orch.
Nobby Orch.
Ching Ann
Ching Hua
Ching Hua
L.Thorne(J.Gipe)
Fong Tien O.G.
F.J.Bergman
Fu-Sheng Huang
Fu-Sheng Huang
K.Kubota(K.Takagi)
Tin-Fan Ho
Tin-Fan Ho
Tin-Fan Ho
Tin-Fan Ho
F.J.Bergman(Hausermann)
A.Klehm
Nobby Orch.
Nobby Orch.
Hausermann
Hausermann
Ching Ann(Lin Shine Chun)
Michel Vacherot
Nobby Orch.
Nobby Orch.
Nobby Orch.
Hausermann
Hsien Ta Chen
Hsien Ta Chen
Su Chun Ming
Su Chun Ming
Hausermann
C.C.Neoh(T.T.Lai)
Taida
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Nobby Orch.
Tzu Chiang Orch.
Tzu Chiang Orch.
Tzu Chiang Orch.

Tzu Chiang Orange
Tzu Chiang Prince
Tzu Chiang Romans

Dtps. Sogo Manager x *Phal.* Stone Dance
Dtps. Sogo Manager x *Phal.* Tzu Chiang Pawan
Dtps. Kenneth Schubert x *Phal.* Zuma's Pixie

Tzu Chiang Orch.
Tzu Chiang Orch.
Tzu Chiang Orch.

DRACULA

Jacqueline

Drac. vampira x *Drac. benedictii* ¶

A.Levesque(O/U)

EPIDENDRUM

Ingrid Burzlaff

Epi. pseudepidendrum x *Epi. longispathum* ¶

I.Burzlaff

LAELIA

Cepheus
Flanet
Polvoron
Tartlet

L. bradei x *L. flava*
L. Coronet x *L. flava*
L. Gold Star x *L. bradei*
L. esalqueana x *L. flava*

T.Hotta
T.Hotta
T.Hotta
T.Hotta

LAELIOCATONIA

Sugarloaf Key

Ctna. Keith Roth x *Lc.* Lake George

A.Klehm

LAELIOCATTELEYA

Bradywalk
Charles Ghiz
Dona Vera Leaó
Fredensborg Delight
Hayakawa Dream
Horst Burzlaff
Lake George
Lamp Light
Lauren Klehm
Lili
Lukebells
Mattaponi
Memoria Elva Huckel
Memoria Jair Leaó
Memoria Mary Hutson
Rosella Sunset
Salquwalk
Skinny Man
Sky Blue Brazil
Skywalker
Taida Swan
Utuaodo Pastoral

C. walkeriana x *L. bradei*
Lc. Waianae Sunset x *Lc.* Kathryn Leahey
Lc. Kunta Kinte x *Lc.* João Antonio Nicoli
C. aclandiae x *L. cowanii*
Lc. Stephen Oliver Fouraker x *Lc.* Arrownetta
C. guttata (*C. leopoldii*) x *L. fidelensis*
C. Marjorie Hausermann x *Lc.* Molly Tyler
Lc. Maria Ozzella x *Lc.* Bonanza
Lc. Lorraine Shirai x *C.* Horace
Lc. Chine x *C. bicolor*
L. lucasiana x *C.* Silky Love
Lc. William Romanoff x *Lc.* H. G. Alexander
Lc. Luther Burbank x *C.* Picasso
Lc. Kunta Kinte x *Lc.* Sans Atout
Lc. Brierley's Ferry x *Lc.* Tokyo Magic
C. Memoria Jerome Shultz x *Lc.* Aussie Sunset
L. esalqueana x *C. walkeriana*
Lc. Dormaniana x *C. skinneri*
C. bowringiana x *Lc.* Mini Purple
L. Starry Sky x *C. walkeriana*
Lc. Mildred Rives x *Lc.* Spring Squall
Lc. Stephen Oliver Fouraker x *C. granulosa*

T.Hotta
D.Ghiz(B.Ehlert)
E.Porto
H.Christiansen
S.Maki
I.Burzlaff
A.Klehm(G.Hausermann)
Don Massey
A.Klehm
H.Christiansen
T.Hotta
Chadwick & Son
R.Matthews
E.Porto
L.Thorne(Long Life[USA])
Rosella Orchids
T.Hotta
H.Rohrl
Tajima Orch.
T.Hotta
Taida
Orch.by Eli

LYCASTE

Forêt de Fontainebleau
Mark
Roville aux Chênes

Lyc. Sir Jeremiah Colman x *Lyc. cruenta*
Lyc. costata x *Lyc.* Wyld Velvet
Lyc. Hybrida x *Lyc. aromatica*

P.Bertaux
H.Oakeley
P.Bertaux

MASDEVALLIA

Ahlenberger Vollmond

Masd. strobilii x *Masd. schroederiana*

P.Teipel

MILTONIA

Capitola Sunset
Capitola Trestle
Diane Sue
Meadowdale Falls
Memoria Kay Rinaman

Milt. Rainbow Falls x *Milt.* Alysén Ono
Milt. Dennis Kleinbach x *Milt.* Milla Hull
Milt. Goodhope Bay x *Milt.* Lady Snow
Milt. Meadowdale x *Milt.* Saint Helier
Milt. Golden Emperor x *Milt.* Lil Severin

E.Carlson
E.Carlson
J.Kennedy
E.Carlson
F.Jernigan

Neifert's Rainbow
Shadow Brook

Milt. Belvedere x *Milt. clowesii*
Milt. Saint Helier x *Milt.* Milla Hull

D.Neifert
E.Carlson

ODONTOCIDIUM

Mantilla

Odm. londesboroughianum x *Onc. hyphaematicum*

Everglades(W.Bussey)

ODONTOGLOSSUM

Stam Point

Odm. Stamfordiense x *Odm.* Coupe Point

H.Rohrl

ONCIDIUM

Celebrity Magic
Kaley Saludaes
Lluvia Dorada
Orchid Court Cascade
Sylvia's Dream

Onc. Celebrity x *Onc.* Alameda Magic
Onc. Makalii x *Onc. sphacelatum*
Onc. sphacelatum x *Onc. wydleri*
Onc. Colon x *Onc. sphacelatum*
Onc. Celebrity Magic x *Onc.* Susan Perreira

Sylvia Reilly(A&M Manganaro)
Hawaiian Paradise
J.Oliveras-Laguna(E.Santiago)
Everglades
Sylvia Reilly

PAPHINIA

Memoria Remo Lombardi

Pna. herrerae x *Pna. lindeniana* ¶

G.Diana(O/U)

PAPHIOPEDILUM

Bright Starlight
Callo-Silver
Cindy Atkins
Cuba Gooding Junior
Dawn's Early Light
Dwayne Macopson
Hampshire Adios
Hampshire Colourful
Hampshire Creek
Hampshire Prime
Hampshire Snow
Hsinying Johnvaal
Hsinying Pariplaty
Jean-Pierre Lepabic
Kimura Hook
Kimura's Lime
Lawless Imperial
Lawless Orfeo
Memoria Rex VanDelden
Memoria Warren Bateman
Mykelti Williamson
Predestination
Primvaal
Raisin Pop
Seiichi Ohta
Stephen Monkhouse
White Plover
Wössner Alabaster

Paph. Bantry Bay x *Paph.* Annette
Paph. Silver Fleuret x *Paph. callosum*
Paph. Primcolor x *Paph.* Saint Swithin
Paph. Winbell x *Paph.* Duncan York
Paph. Rosy Dawn x *Paph.* Nulight
Paph. Yerba Buena x *Paph.* Wapiti
Paph. Carlton Ruud x *Paph.* Vert
Paph. Vert x *Paph.* Maud Rook
Paph. sukhakulii x *Paph.* Lisa Ruud
Paph. Prime Child x *Paph. primulinum*
Paph. Lunacy x *Paph.* Snowdome
Paph. Transvaal x *Paph.* John Jack
Paph. parishii x *Paph. platyphyllum* ¶
Paph. insigne x *Paph. violascens*
Paph. Yerba Buena x *Paph. hookerae*
Paph. Lime Ice x *Paph.* Wendover
Paph. Winston Churchill x *Paph. callosum*
Paph. primulinum x *Paph.* Memoria Toshio Miyata
Paph. Lady Isabel x *Paph. armeniacum*
Paph. James Bacon x *Paph. fairrieianum*
Paph. Blanche Sawyer x *Paph.* Via Victoria
Paph. Reins of Destiny x *Paph.* Keyeshill
Paph. Transvaal x *Paph. primulinum*
Paph. Pop Monkhouse x *Paph.* Raisin Jack
Paph. Golden-Prem x *Paph. rothschildianum*
Paph. Pop Monkhouse x *Paph.* Syd Monkhouse
Paph. Machiko Oda x *Paph. niveum*
Paph. Golden Puddle x *Paph.* Lucille Mackey

O.Viengkhou(Stewart Orch.)
Mukoyama
J.Barron
G.Lawless(Orch.by Ackers)
A.Klehm
G.Lawless(Orch.by Ackers)
A.Klehm
A.Klehm
A.Klehm
A.Klehm
A.Klehm
Ching Hua
Ching Hua
P.Bertaux
Mukoyama(M.Kimura)
Mukoyama(M.Kimura)
G.Lawless(Orch.by Ackers)
G.Lawless(OrchidHouse)
J.Fang(O.Viengkhou)
M.Srull(Antec Lab)
G.Lawless(Orch.by Ackers)
A.Svoboda(Stewart Orch.)
S.Benjamin(S.Tsui)
Adelaide
S.Ohta
Adelaide
A.Klehm
F.Glanz

PHALAENOPSIS

Ambo Choon
Bright Seaman
Brigitte Born
Camano Snow
Champion Girl
Ching Her Black-Rose
Ching Her Golden

Phal. amboinensis x *Phal.* Choonacea
Phal. Bright Lights x *Phal.* Georgia Seaman
Phal. Red Ball Jet x *Phal.* East Bay Joy
Phal. Atien Nasu x *Phal.* Taisuco Kaaladian
Phal. Fairy Tales x *Phal.* Pinlong Cardinal
Phal. Salu's Red Rose x *Phal.* Salu Peoker
Phal. Salu Peoker x *Phal.* Dou-dii Golden Princess

F.J.Bergman(Carmela)
F.J.Bergman(O/U)
Pem Orchids
M.Bamber(O/U)
Nobby Orch.
Ching Her
Ching Her

Ching Her John	<i>Phal.</i> Ever-spring King x <i>Phal.</i> Chingruey's Pride	Ching Her
Choonacea	<i>Phal.</i> <i>violacea</i> x <i>Phal.</i> Lee Koi Choon	F.J.Bergman(Carmela)
Colin West	<i>Phal.</i> Memoria Raymond Levy x <i>Phal.</i> Soroa Celebration	Rage O.N.
Cotton White	<i>Phal.</i> Snow Fairy x <i>Phal.</i> White Velvet	Hausermann
Devon Ace	<i>Phal.</i> Ace x <i>Phal.</i> Devon Michele	F.J.Bergman(Carmela)
Diciommo Brazilian Primos	<i>Phal.</i> Eastern Stripe x <i>Phal.</i> Pink Festival	DiCiommo
Dou-dii Diamond	<i>Phal.</i> Dou-dii Golden Princess x <i>Phal.</i> Ching Her Prince	Ching Her
Dou-dii Girl	<i>Phal.</i> Auckland Sentra x <i>Phal.</i> Salu Peoker	Ching Her
Dou-dii Goddess	<i>Phal.</i> Ching Her Buddha x <i>Phal.</i> Chingruey's Pride	Ching Her
Dou-dii Jadeite	<i>Phal.</i> Chingruey's Beauty x <i>Phal.</i> Chingruey's Pride	Ching Her
Dou-dii Lady	<i>Phal.</i> Salu Golden x <i>Phal.</i> Chingruey's Pride	Ching Her
Dou-dii Peoker	<i>Phal.</i> Ever-spring King x <i>Phal.</i> Salu Peoker	Ching Her
Dou-dii Super Star	<i>Phal.</i> Ching Her Buddha x <i>Phal.</i> Dou-dii Golden Princess	Ching Her
Flor Del Lawrence	<i>Phal.</i> Flor Del Valle x <i>Phal.</i> Brother Lawrence	J.W.Hutchinson
Fortune Imp	<i>Phal.</i> Fortune Buddha x <i>Phal.</i> Malibu Imp	F.J.Bergman(Khuong)
Fred's Advance	<i>Phal.</i> Prairie Du Sac x <i>Phal.</i> Kilarby	F.J.Bergman
Fred's Beauty	<i>Phal.</i> Gayle Ann x <i>Phal.</i> Prairie Du Sac	F.J.Bergman
Fred's Bridge	<i>Phal.</i> George Woodward x <i>Phal.</i> Bergman Zebra	F.J.Bergman
Fred's Mini	<i>Phal.</i> Zuma's Pixie x <i>Phal.</i> Fred's Small-Pink	F.J.Bergman
Gene Byrd's Fancy	<i>Phal.</i> Cassaleen x <i>Phal.</i> Brother Candytuft	W.Tippit
George's Fortune	<i>Phal.</i> Fortune Buddha x <i>Phal.</i> George Vasquez	F.J.Bergman(O/U)
Glistening Glacier	<i>Phal.</i> Smile Maker x <i>Phal.</i> Snow Blizzard	Hausermann
Green Rose	<i>Phal.</i> Dou-dii Rose x <i>Phal.</i> Yellow Princess	Ching Her
Hans Christiansen	<i>Phal.</i> <i>gigantea</i> x <i>Phal.</i> <i>lindenii</i>	H.Christiansen
Helen Geoghegan	<i>Phal.</i> Taisuco Crane x <i>Phal.</i> Spring Doris	W.Tippit
Ho's Amy Christopher	<i>Phal.</i> Nobby's Amy x <i>Phal.</i> Timothy Christopher	Tin-Fan Ho
Ho's Auspice Jessica	<i>Phal.</i> Lin Jessica x <i>Phal.</i> Auspice Sun	Tin-Fan Ho
Ho's Chocolate Drop	<i>Phal.</i> Golden Sun x <i>Phal.</i> Ho's Fantastic Splash	Tin-Fan Ho
Ho's Colourful Bubbles	<i>Phal.</i> Ho's Little Caroline x <i>Phal.</i> Dou-dii Golden Princess	Tin-Fan Ho
Ho's Dawning Sun	<i>Phal.</i> Liu's Gleamy Ruby x <i>Phal.</i> Ho's Auspice Jessica	Tin-Fan Ho
Ho's Dou-dii Beauty	<i>Phal.</i> Chingruey's Beauty x <i>Phal.</i> Salu Peoker	Tin-Fan Ho
Ho's Dreamy Emerald	<i>Phal.</i> Yungho Gelblitz x <i>Phal.</i> Ho's Dreamy Jade	Tin-Fan Ho
Ho's Funny Fantastic	<i>Phal.</i> Ho's Fantastic Brother x <i>Phal.</i> Ho's Fantastic Splash	Tin-Fan Ho
Ho's Green Cricket	<i>Phal.</i> Kung's Amar Cricket x <i>Phal.</i> Yungho Gelblitz	Tin-Fan Ho
Ho's Green Double-micholitz	<i>Phal.</i> Ho's Green Micholitz x <i>Phal.</i> <i>micholitzii</i>	Tin-Fan Ho
Ho's Merciful Buddha	<i>Phal.</i> Ching Her Buddha x <i>Phal.</i> Salu Peoker	Tin-Fan Ho
Ho's Princess Gelb	<i>Phal.</i> Golden Sun x <i>Phal.</i> Yungho Princess Gelb	Tin-Fan Ho
Ho's Yellow Scarf	<i>Phal.</i> Angdi Kolopaking x <i>Phal.</i> Ho's Dreamy Jade	Tin-Fan Ho
Hsinying Hakucho	<i>Phal.</i> Sogo Musadian x <i>Phal.</i> Taisuco Crane	Ching Hua
Hsinying Sparkle	<i>Phal.</i> Ever-spring Light x <i>Phal.</i> Hsinying Lip	Ching Hua
In Charm Jade	<i>Phal.</i> Ho's Dreamy Jade x <i>Phal.</i> Timothy Christopher	Nobby Orch.
Jeng Sin Calligraphy	<i>Phal.</i> Stone Nova x <i>Phal.</i> Chiayi Candy	G-E.Chen
Jessnosa	<i>Phal.</i> Lin Jessica x <i>Phal.</i> <i>venosa</i>	John Hutchinson
Kaala Bright	<i>Phal.</i> Taisuco Bright x <i>Phal.</i> Mount Kaala	F.J.Bergman(O/U)
Kung's Amboimp	<i>Phal.</i> Malibu Imp x <i>Phal.</i> Ambomanniana	Kung's
Kung's Ambomanniana	<i>Phal.</i> Ying-Chiao Chaffinch x <i>Phal.</i> Ambomanniana	Kung's
Kung's Corlagelb	<i>Phal.</i> Corlani x <i>Phal.</i> Yungho Gelbliambo	Kung's
Kung's Gelb Lishian	<i>Phal.</i> Yungho Gelbliambo x <i>Phal.</i> Hsu Li-Shian	Kung's
Kung's Gelb Violet	<i>Phal.</i> Yungho Gelbliambo x <i>Phal.</i> Princess Violet	Kung's
Kung's Lob-Lawrence	<i>Phal.</i> Brother Lawrence x <i>Phal.</i> Intermedia	Kung's
Kung's Red Cherry	<i>Phal.</i> Kung's Garnet x <i>Phal.</i> Hsu Li-Shian	Kung's
Kung's Red Coral	<i>Phal.</i> Auspice Sun x <i>Phal.</i> Malibu Imp	Kung's
Kung's Sun	<i>Phal.</i> Auspice Sun x <i>Phal.</i> Auspice Red Wine	Kung's
Mae Rose	<i>Phal.</i> Alysha's Rose x <i>Phal.</i> Mae Hitch	F.J.Bergman(Carmela)

Memoria Paolo Silvestri	<i>Phal.</i> Victoria Geist x <i>Phal.</i> Carmela's Wonder	DiCiommo
Michigan's Fiftieth	<i>Phal.</i> Lynn Anders x <i>Phal.</i> Golden Angel	Hausermann
Michigan's Golden Anniversary	<i>Phal.</i> Golden Vintage x <i>Phal.</i> White Velvet	Hausermann
Miva Alex et Chloe	<i>Phal.</i> Opaline x <i>Phal.</i> <i>amabilis</i>	Michel Vacherot
Miva Venissimo	<i>Phal.</i> Venus x <i>Phal.</i> Miva Ponctissimo	Michel Vacherot
Nobby's Golden Apple	<i>Phal.</i> Deventeriana x <i>Phal.</i> Brother Passat	Nobby Orch.
Nobby's Snow Fairy	<i>Phal.</i> Petite Snow x <i>Phal.</i> Cassandra	Nobby Orch.
Purple Stones	<i>Phal.</i> Brother Purple x <i>Phal.</i> Brother Precious Stones	F.J.Bergman(O/U)
Salu Girl	<i>Phal.</i> Salu Sun x <i>Phal.</i> Salu Peoker	Ching Her
Salu John	<i>Phal.</i> Ever-spring King x <i>Phal.</i> Ching Her Buddha	Ching Her
Salu Sentra	<i>Phal.</i> Auckland Sentra x <i>Phal.</i> Ching Her Prince	Ching Her
Shang-Lin's Favorite Amber	<i>Phal.</i> Sogo Nissan x <i>Phal.</i> Taisuco Kaaladian	Hsien Ta Chen
Shang-Lin's Spotted Peoker	<i>Phal.</i> Brother Rose x <i>Phal.</i> Yellow Peoker	Hsien Ta Chen
Shyh-Hwa Angel	<i>Phal.</i> <i>amabilis</i> x <i>Phal.</i> Wataboushi	Nobby Orch.
Shyh-Hwa Lover	<i>Phal.</i> Shyh-Hwa Angel x <i>Phal.</i> Su's Red Lip	Nobby Orch.
Sogo Golden Timothy	<i>Phal.</i> Golden Sparkle x <i>Phal.</i> Timothy Christopher	Sogo
Sweet Blaze	<i>Phal.</i> Sweet Memory x <i>Phal.</i> Magic Blaze	F.J.Bergman(Khuong)
Taida Ever Danseuse	<i>Phal.</i> Ever-spring Light x <i>Phal.</i> Brother Danseuse	Taida
Taida Goldbrosa	<i>Phal.</i> Taida Librosa x <i>Phal.</i> Rheingold	Taida
Taida Goldfish	<i>Phal.</i> Taipei Gold x <i>Phal.</i> Rheingold	Taida
Taida Kaalamai	<i>Phal.</i> Mount Kaala x <i>Phal.</i> Yukimai	Taida
Taida Love Hilo	<i>Phal.</i> Taida Love x <i>Phal.</i> Hilo Lip	Taida
Taida Lovely	<i>Phal.</i> Taida Love x <i>Phal.</i> Bonbori	Taida
Taida New Land	<i>Phal.</i> Taida Liseland x <i>Phal.</i> New Life	Taida
Taida Noblewoman	<i>Phal.</i> Hwafeng Redjewel x <i>Phal.</i> Taida Love	Taida
Taida Penang Grube	<i>Phal.</i> Silbergrube x <i>Phal.</i> Penang Girl	Taida
Taida Super Jewel	<i>Phal.</i> Super Seven x <i>Phal.</i> Hwafeng Redjewel	Taida
Taida Woolly	<i>Phal.</i> Ginrei x <i>Phal.</i> Taida Kaalamai	Taida
Terilyn Pixie	<i>Phal.</i> Terilyn Fujitake x <i>Phal.</i> Zuma's Pixie	Taida
Terri Henderson	<i>Phal.</i> Sun Star x <i>Phal.</i> World Class	B.Rinke(Zuma Canyon)
Tian-Nong Spots	<i>Phal.</i> Brother Stripes x <i>Phal.</i> Elise de Valec	Hausermann
Tina Rogano Silvestri	<i>Phal.</i> Patea x <i>Phal.</i> Brother Passion	Nobby Orch.
Tzu Chiang Baby	<i>Phal.</i> Timothy Christopher x <i>Phal.</i> Tzu Chiang Litlitz	DiCiommo
Tzu Chiang Balm	<i>Phal.</i> An Tai Jade x <i>Phal.</i> Stone Dance	Tzu Chiang Orch.
Tzu Chiang Chrisna	<i>Phal.</i> Timothy Christopher x <i>Phal.</i> Yungho Gelb Canary	Tzu Chiang Orch.
Tzu Chiang Coral	<i>Phal.</i> Super Pixie x <i>Phal.</i> Coral Isles	Tzu Chiang Orch.
Tzu Chiang Dance	<i>Phal.</i> Timothy Christopher x <i>Phal.</i> Stone Dance	Tzu Chiang Orch.
Tzu Chiang Fairy	<i>Phal.</i> Tzu Chiang Tetralitz x <i>Phal.</i> <i>tetraspis</i>	Tzu Chiang Orch.
Tzu Chiang Glint	<i>Phal.</i> Sunrise Delight x <i>Phal.</i> Rainbow Chip	Tzu Chiang Orch.
Tzu Chiang Grosli	<i>Phal.</i> Yungho Gelbliambo x <i>Phal.</i> Grosbeak	Tzu Chiang Orch.
Tzu Chiang Liamvio	<i>Phal.</i> Yungho Gelbliambo x <i>Phal.</i> Penang Violacea	Tzu Chiang Orch.
Tzu Chiang Litlitz	<i>Phal.</i> Yungho Little Baby x <i>Phal.</i> <i>micholitzii</i>	Tzu Chiang Orch.
Tzu Chiang Pawan	<i>Phal.</i> Kung's Viol x <i>Phal.</i> Tzu Chiang Grosli	Tzu Chiang Orch.
Tzu Chiang Sparkle	<i>Phal.</i> Sunrise Delight x <i>Phal.</i> <i>equestris</i>	Tzu Chiang Orch.
Tzu Chiang Vivien	<i>Phal.</i> Timothy Christopher x <i>Phal.</i> Tzu Chiang Pawan	Tzu Chiang Orch.
Watadian	<i>Phal.</i> Wataboushi x <i>Phal.</i> Taisuco Kochdian	F.J.Bergman(O/U)
Yu Pin Pearl	<i>Phal.</i> Ever-spring King x <i>Phal.</i> Musashino	N.I.Chang

PHRAGMIPEDIUM

Icho Tower	<i>Phrag.</i> Beauport x <i>Phrag.</i> <i>besseae</i>	E.Young O.F.
Wössner Twist	<i>Phrag.</i> <i>richteri</i> x <i>Phrag.</i> <i>warscewiczianum</i>	F.Glanz

POTINARA

Annie Zilius	<i>Blc.</i> Bryce Canyon x <i>Pot.</i> Bobby Brown	F.Fordyce
Arigato	<i>Blc.</i> Goldenzelle x <i>Sl.</i> Orpetii	T.Hasumi
Autumn Flame	<i>Slc.</i> Neva Farnsworth x <i>Blc.</i> American Heritage	F.Fordyce
Canary Cherry	<i>Pot.</i> Wabash Moon x <i>Slc.</i> California Apricot	F.Fordyce
Colorado Sunset	<i>Blc.</i> Garrett Sullivan x <i>Slc.</i> Hazel Boyd	F.Fordyce(E.B.Horton)

Cranberry Wine	<i>Slc.</i> Seagulls Apricot x <i>Pot.</i> Rosie O	F.Fordyce
Dal's Success	<i>Pot.</i> Free Spirit x <i>Blc.</i> Goldenzelle	R.Greinke(D.& B.Littman)
Demi Deva	<i>Blc.</i> Fordyce Fantasy x <i>Slc.</i> Seagulls Apricot	F.Fordyce
Flicker Flame	<i>Slc.</i> Seagulls Apricot x <i>Pot.</i> Scott Holguin	F.Fordyce
Gail Horton	<i>Blc.</i> Garrett Sullivan x <i>Slc.</i> Memoria Beulah Harper	F.Fordyce(E.B.Horton)
Heart Stopper	<i>Sc.</i> Doris x <i>Blc.</i> Bryce Canyon	F.Fordyce
Lake Apopka	<i>Blc.</i> Miya's Gold x <i>Pot.</i> Jim Krull	A.Klehm
Lilac Lace	<i>Blc.</i> Sunflower x <i>Slc.</i> Mahalo Jack	F.Fordyce
Magic Stone	<i>Slc.</i> Seagulls Apricot x <i>Pot.</i> Alyce Kaiser	F.Fordyce
Naples Sunset	<i>Pot.</i> Free Spirit x <i>Blc.</i> Red at Night	A.Klehm
Port Saint Lucie	<i>Slc.</i> Tangerine Imp x <i>Blc.</i> Port Royal Sound	A.Klehm
Rose Endo	<i>Pot.</i> Hisako Akatsuka x <i>Blc.</i> Ronald Hausermann	R.Fernandez
Ruby Rouge	<i>Blc.</i> Prestigious x <i>Slc.</i> California Apricot	F.Fordyce
Summer Sky	<i>Blc.</i> Garrett Sullivan x <i>Pot.</i> Sully's Circle	F.Fordyce(E.B.Horton)
Surprise Package	<i>Pot.</i> Proud Lady x <i>Blc.</i> Mount Sylvan	Don Massey
SCHOMBONIA		
Marchioness	<i>Schom. galeottiana</i> ♀ x <i>Bro. negrilensis</i>	Everglades(W.Bussey)
SOPHROCATTLEYA		
Memoria Edna Goostrey	<i>C.</i> Toowong x <i>Sc.</i> Lana Coryell	B.Goostrey
SOPHROLAELIA		
Lohengrin	<i>Sl.</i> Red Doll x <i>Soph.</i> Arizona	T.Hotta
Macaroon	<i>Sl.</i> China Sky x <i>Soph.</i> Arizona	T.Hotta
Saraband	<i>Sl.</i> China Sky x <i>Sl.</i> Red Doll	T.Hotta
Sonatina	<i>Sl.</i> Little Red Seagull x <i>Sl.</i> Red Doll	T.Hotta
SOPHROLAELIOCATTLEYA		
Chic Gem	<i>Sl.</i> Tiny Gem x <i>Lc.</i> Chicanery	H.Rohrl
Coral Reef	<i>Lc.</i> Pirate King x <i>Slc.</i> Seagulls Apricot	F.Fordyce
Dal's Halo	<i>Sc.</i> Lana Coryell x <i>Slc.</i> Mahalo Jack	R.Greinke(D.& B.Littman)
Little Ant	<i>Slc.</i> Little Beamche x <i>C. aurantiaca</i>	H.Rohrl
Muffin	<i>Lc.</i> Walgery x <i>Sc.</i> Beaufort	T.Hotta
Roseberry	<i>Lc.</i> Royal Emperor x <i>Sc.</i> Batemanniana	F.Fordyce
Taida Miracle	<i>Slc.</i> Love Fresh x <i>Lc.</i> Peggy Huffman	Taida
VANDA		
Boon Mark Gold	<i>V.</i> Charles Goodfellow x <i>V.</i> Rasri Gold	B.M.Chaengchaya
Memoria Kathleen Thomas	<i>V.</i> Manuvadee x <i>V.</i> Doctor Anek	Banjong Orch.(T.Lusup-anan)
VUYLSTEKEARA		
Cindy	<i>Milt.</i> My Clown x <i>Oda.</i> Shonan Pinky	H.Rohrl
WILSONARA		
Fiery Mac	<i>Onc. maculatum</i> x <i>Oda.</i> Fiery Irene	H.Rohrl
Jerry Stephens	<i>Onc.</i> Space-Pow x <i>Wils.</i> Bubba Mock	Everglades
WOODWARDARA		
Willaroo	<i>Zga.</i> Kings Park x <i>Zcx.</i> Gumeracha	Adelaide
YAHIROARA		
Caribbean Beauty	<i>Yam.</i> Sunny Island Utuado x <i>Schom. undulata</i>	Orch.by Eli
ZYGOCOLAX		
Heysen Trail	<i>Z.</i> John Banks x <i>Zcx.</i> Gumeracha	Adelaide

ZYGONERIA

Deep Creek	Z. Kiwi Choice x <i>Zga.</i> Kings Park	Adelaide
Elder Park	<i>Zga.</i> Kings Park x Z. Advance Australia	Adelaide
Kuitpo	Z. Titanic x <i>Zga.</i> Adelaide Meadows	Adelaide
Maverick	Z. Kiwi Choice x <i>Zga.</i> Adelaide Meadows	Adelaide

ZYGOPETALUM

Impulse	Z. Lois x Z. Kiwi Geyser	M. Stagg (Orch. Los Osos)
Intuition	Z. Blackii x Z. Kiwi Geyser	M. Stagg (Orch. Los Osos)
Myponga	Z. Kiwi Choice x Z. <i>crinitum</i>	Adelaide
Nairne	Z. Pinnaroo x Z. <i>crinitum</i>	Adelaide
Solana	Z. Syd Monkhouse x Z. <i>intermedium</i>	H. Rohrl
Wilpena	Z. Advance Australia x Z. B. G. White	Adelaide

¹ *Cym.* Miss Taipei Unveiled has been registered after much research by Musia Stagg of California. It has been widely available for a long time in the trade under the unregistered name *Cym.* Meglee 'Ms. Taipei'.

*New intergeneric hybrid genus with abbreviation for the following combination. The botanical authority follows each component genus.

Brapacidium M. O. Carpenter & J. M. H. Shaw **nothogen. nov.** (Bpc.) = *Aspasia* Lindl. x *Brassia* R. Br. x *Oncidium* Sw. Breeding group 8.

¶ Species appearing for the first time as parents in registration: *Dracula benedictii* (Rchb.f.) Luer; *Epidendrum longispathum* Rodrig.; *Paphinia lindeniana* Rchb.f.; *Paphiopedilum platyphyllum* T. Yukawa [syn. *Paph. stonei* var. *latifolium* hort., questionably distinct from *Paph. stonei* (Hook.) Stein]; *Schomburgkia galeottiana* Richard.

§ Natural hybrid appearing as a grex parent for the first time. *Oncidium* x *monacranthum* Andreetta ex Dodson (= *Oncidium monachicum* Rchb.f. x *Onc. macranthum* Lindl.). See note below under *Cyrtorchilum*.

CORRECTIONS

Burrageara Jimbo. By error this grex was wrongly attributed to Glen Barfield in the *New Orchid Hybrids List* appearing with the *Orchid Review* July-August 2001 p. 4. The registrant and originator should both read OrchidWorks.

Miltonia Lennart Karl Gottling. This grex name is misspelled in the *New Orchid Hybrids List* appearing with the *Orchid Review* September - October 2001 p. 8.

Paphiopedilum Askuta. During routine curation it was noted that this grex name had been wrongly entered on the database as Aksuta. Please correct SLOH Addendum 1981-1985 p. 485.

Phalenopsis Akatsuka Spirit. This grex name is misspelled in the *New Orchid Hybrids List* appearing with the *Orchid Review* November - December 2001 p. 10.

Wilsonara Gerald Michael Lawless. Unfortunately this was attributed to the wrong originator in the *New Orchid Hybrids List* appearing with the *Orchid Review* September - October 2001 p. 13. The originator should read Norman's Orchids.

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REGISTRAR'S NOTES

***Calanthe* - putative natural hybrids in Japan.**

In Japan there exist a number of wild populations of *Calanthe* thought to be natural hybrids which, with the exception of *Cal. x bicolor*, have not been described botanically. Due to the need to register these plants as grex parents the transliterated Japanese vernacular names have been used, and they have been included in the register as horticultural grexes. They are listed here for future reference to avoid confusion. The alternative transliterations seen in the literature and given in square brackets, will be treated as synonyms.

Bicolor	= <i>Cal. bicolor</i> Lindl. pro sp. = <i>Cal. discolor</i> x <i>Cal. sieboldii</i>
Higo	= <i>Cal. sieboldii</i> x <i>Cal. aristulifera</i>
Hizen	= <i>Cal. discolor</i> x <i>Cal. aristulifera</i>
Ishizuchi	= <i>Cal. discolor</i> x <i>Cal. tricarinata</i>
Kozu	= <i>Cal. izu-insularis</i> x <i>Cal. discolor</i> [also written Koozu]
Satsuma	= <i>Cal. bicolor</i> x <i>Cal. aristulifera</i>
Suisyo	= <i>Cal. izu-insularis</i> x <i>Cal. aristulifera</i> [also written Suisho-Ran]
Takane	this is a synonym of <i>Cal. bicolor</i>

Reference: Atsushi Kuyama, The genus *Calanthe* native of Japan. *Bulletin of the Japan Alpine Garden Society* 2: 66-82 (1980).

Validation of the name *Cymbidium x nishiuchianum*, a natural hybrid from Japan.

Cymbidium nishiuchianum Makino *ined.* is a putative natural hybrid of *Cym. kanran* Makino x *Cym. goeringii* (Rchb.f.) Rchb.f., which is cultivated in Japan where it is known by the vernacular name Shunkanran, meaning Spring-Cold Orchid. Two colonies were discovered in Tosa province, Japan, by Hidetaro Nishiuchi and the provisional name, commemorating the discoverer, was coined by Dr. T. Makino in 1937. As this unpublished Latin binomial is widely used in Japanese literature and no confusion is likely to result from its use, it was provisionally accepted to enable registration of the grex *Cym. Fragrance* (= *Cym. nishiuchianum* x *Cym. Hiroshima Rora*) to proceed. *Cymbidium Fragrance* was bred by Motokazu Ochi, who as a botany student studied under Dr. T. Makino. Ochi has also registered the clone *Cym. Fragrance* "Harumi" with the Japanese Agricultural Ministry. There are a number of other selections of hybrids derived from *Cym. x nishiuchianum* cultivated in Japan, which are not yet registered with the RHS. It appears that the first hybrid derived from the Shunkanran was named by Kiyomi Kitani as Ichijo-no-Homare and has been registered with a Japanese authority. After discussion with Dr. Alan Leslie, RHS Senior Registrar, it was decided to validate the name *Cym. x nishiuchianum*, if possible.

The first step was to locate herbarium specimens for study with a view to selecting a type specimen. Dr. Tomitarô Makino (1862-1957) was a keen student of the Japanese flora and during a productive lifetime described a large number of taxa. Many of his specimens are conserved at the Makino herbarium (MAK) in Tokyo. Duplicates of some Makino collections are known to be held in herbaria at RBG Edinburgh (E), the Botany Department of the Californian Academy of Sciences, San Francisco (CAS), and the Botanic Gardens of the University of Tokyo (TI). Enquiries to all these collections did not result in any useful discoveries. Letters to the Makino herbarium were returned unopened, marked as undeliverable.

With serendipity, a plant of the hybrid was in flower in Peter and Doreen Hunt's collection (Gillingham, Dorset, UK) just when some type material was needed in October 2001. Peter generously donated a flower as a type specimen and provided details of the vegetative features of his living plant, which is a clonotype. This material was known to be authentic as it had been given to Peter by Yoshitaka Ueda, the Japan representative on the RHS Orchid Registration Advisory Committee (ORAC) in 1997. In addition, authentic material is thought to be in cultivation at the Kochi Prefectural Makino Botanic Garden, Hiroshima Botanical Garden (Anon., 1987) and by members of the Tosa Cold Orchid Association, in Japan.

***Cymbidium x nishiuchianum* Makino ex JMH Shaw nat. hyb. nov.** planta inter *Cym. kanran* Makino et *Cym. goeringii* (Rchb.f.) Rchb.f. quasi intermedia et verisimiliter ex hybridatione harum specierum orta, ab ambobus numero florum differt, et aliis characteribus inter parentes media.

Holotype: *P. F. Hunt s.n.* cultivated plant originating in Japan. 23rd October 2001. (K) spirit collection.

Illustration: Masamune, G. (1984) *Native Orchids of Nippon*, fascicle 1: 68-69; Maekawa, F. (1971) *Native orchids of Japan*. p. 479, pl.168.

Synonyms: *Cym. harukanran* hort.; *Cym. x nishiuchianum* Makino *ined.*, also seen transliterated as *nishiutianum*.

Description: Tufted terrestrial herbs. Roots 3-5 mm thick. Pseudobulbs ovoid, 1-2.5 cm tall, enclosed by leaf sheaths and membranaceous scales. Leaves 3-5 on each pseudobulb, linear, 14-36 cm long, 7-14 mm wide, mid-green, apex acute and slightly conduplicate toward base, with 5 main veins elevated on lower surface, minutely serrulate on margins. Peduncle erect, slender, 16 cm long, with 2-4 flowers, enclosed by several bract-like sheaths toward base, sheaths lanceolate, to 7 cm long; floral bracts linear-lanceolate, 4 cm long with scarious margins; pedicel and ovary 4 cm long. Flowers fragrant, variable in colour, mid-green to yellowish white with reddish veins, 5 cm across; sepals linear-oblong, 2.5-2.8 cm long, 7 mm wide; petals slightly shorter than sepals, linear-oblong c. 2.5 cm long; lip shorter than petals, 3-lobed, oblong, 2-2.5 cm long, 1 cm wide; lateral lobes erect, rounded; disk with two fleshy keels converging at base of midlobe, minutely papillose. Column 11-13 mm, slightly curved, white with pink apex on abaxial surface, adaxial surface with maroon spots that become more frequent towards apex; anther bilobed, cucullate, exterior minutely papillose; pollinia 4, in two unequal pairs, deeply and unequally bilobed.

The hybrid combines the traits of both parents. The prominent dark-veined floral bracts and broader sepals are inherited from *Cym. goeringii*, while the multiple flowered inflorescence reveals the influence of *Cym. kanran*.

Two wild colonies were originally known both from Tosa Province, Japan. Plants from central Tosa flower from February to April, while those from the colony in eastern Tosa flower from November to January - a character in common with *Cym. kanran* which flowers from December to January. This hybrid has always been very rare in the wild and probably no longer exists at its original sites. Meakawa (1971) sums up the situation with a few well chosen words, “Unfortunately, very local places of original discoveries are all damaged by severe researches by fantastic collectors.” No mention of the hybrid is made by Ohwi (1965) and it has not been recorded from Taiwan where both parental species occur (Huang, 2000). There is no record of a chromosome count for the hybrid, but both parents have been investigated and a count of $2n = 40$ has been reported by Mikio Aoyama (1989).

Comparison of characters

<i>Cym. goeringii</i>	<i>Cym. x nishiuchianum</i>	<i>Cym. kanran</i>
Nom. vern. Shunran	Shunkanran, haru-kanran	Kanran
Leaves 20-35 cm long x 6-10 mm	14-36 cm long x 7-14 mm	20-27 cm long x 6-17 mm
Margin minutely toothed	minutely serrulate	scabridulous
Peduncle 10-25 cm	16 cm	25-60 cm
Flowers 1	2-4	5-12
Floral bracts lanceolate, 3-4 cm, acute	linear-lanceolate, 4 cm	linear, 8-30 mm, acuminate
Flowers greenish	green to yellowish-white	purplish-green
Sepals oblanceolate, subobtus, 3-3.5 cm long x 7-10 mm	linear-oblong, 2.5-2.8 cm long x 7 mm	broadly linear, acuminate, 3-4 cm long x 3.5-4.5 mm
Petals like sepals but slightly shorter	slightly shorter than sepals, linear-oblong, c. 2.5 cm long 7 mm wide	slightly shorter than sepals, linear-lanceolate, 2-3 cm long x 4.5-5.5 mm
Lip slightly shorter than sepals, white with red-purple spots, papillose within,	shorter than petals, 2-2.5 cm long x 1 cm, 3-lobed, oblong	slightly shorter than petals, about half as long as dorsal sepal, smooth, spreading
Lateral lobes small, obtuse	erect, rounded	small, erect, ovate, crenate
Column 15 mm	11-13 mm	10-14 mm

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A new combination in *Cyrtochilum*

Following the recent registration of *Oncidium x monacranthum* Andreetta ex Dodson (= *Onc. monachicum* Rchb.f. x *Onc. macranthum* Lindl.) as a grex parent, it was noted that both the putative parental taxa of this natural hybrid have recently been transferred to *Cyrtochilum* Kunth in a synopsis by Stig Dalström (*Lindleyana* 16(2):56-80 (2001)). However there is no transfer made of this hybrid, so a new combination is proposed, as it is anticipated that *Cyrtochilum* Kunth will be recognised as a genus for registration pending the reorganisation of generic limits in the *Oncidiinae*.

Cyrtochilum x monacranthum (Andreetta ex Dodson) J.M.H. Shaw **comb. nov.** Basionym: *Oncidium x monacranthum* Andreetta ex Dodson in *Orquideología; Revista de la Sociedad Colombiana de Orquideología* 20(1): 93 (1996). Voucher: *Andreetta 740* (SEL).
Cyrtochilum x monacranthum = *Cyrt. annulare* (Rchb.f.) Kränzl. x *Cyrt. macranthum* (Lindl.) Kränzl. Note that Dalström reduces *Cyrt.* (*Onc.*) *monachicum* (Rchb.f.) Kränzl. to a synonym of *Cyrt. annulare* (Rchb.f.) Kränzl.

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