Patterns in an orchid exhibition

ORCHID GUIDE

Patterns in Bloom features over 2000 individual orchids represented by numerous species and unique varieties. Each of them has different care needs and requirements, such as varying light levels, temperature, humidity, watering, fertilizing, and repotting techniques. Check out our Orchid Guide to help identify individual care needs for the orchids found throughout the exhibition!

Aliceara Snowblind 'Sweet Spot'

Synonym: *Beallara* Snowblind 'Sweet Spot' Parents: *Oncidium* Black Diamond × *Aliceara* Tropic Splendor Originator: J.W. McCully, 2010

CARE LEVEL: Easy

LIGHT: Bright Light, no direct sun

TEMPERATURE: 60° in winter, 80° during summer

HUMIDITY: 50% RH

WATERING: Water every 10 days or when media is dry-ish, after flowering wait 2-4 weeks before watering again

FERTILIZING: Once per month

REPOTTING: Re-pot in open, free-draining bark mix



Aliceara Tropic Lily 'Chocolate Drop'

Synonym: *Beallara* Tropic Lily 'Chocolate Drop' Parents: *Oncidium* Nichirei Lilac × *Aliceara* Tropic Splendor Originator: J.W. McCully, 2007

CARE LEVEL: Easy

LIGHT: Bright Light, no direct sun

TEMPERATURE: 60° in winter, 80° during summer

HUMIDITY: 50% RH

WATERING: Water every 10 days or when media is dry-ish, after flowering wait 2-4 weeks before watering again

FERTILIZING: Once per month

REPOTTING: Re-pot in open, free-draining bark mix



Aliceara Pacific Nova 'Okika'

Parents: *Brassidium* Shooting Star × *Miltonia clowesii* Originator: Tropical Orchid Farm, 2002

CARE LEVEL: Easy

LIGHT: Bright Light, no direct sun

TEMPERATURE: 60° in winter, 80° during summer

HUMIDITY: 50% RH

WATERING: Water every 10 days or when media is dry-ish, after flowering wait 2-4 weeks before watering again

FERTILIZING: Once per month

REPOTTING: Re-pot in open, free-draining bark mix



Brassidium Kenneth Bivin 'Santa Barbara'

Parents: Oncidium cariniferum × Brassia arcuigera Originator: D. Bivin, 1982

CARE LEVEL: Moderate

LIGHT: Bright light from East facing window

TEMPERATURE: 55°- 65°F nights; 65°- 75°F days, keep below 85°F during summer months

HUMIDITY: 50% - 70% RH

WATERING: Water 1 to 2x a week while in active growth, reduce watering when not actively growing

FERTILIZING: Use weak fertilizer weekly, not when in active growth

REPOTTING: Repot yearly in course potting medium consisting of bark, coconut chips, charcoal, or perlite



Brassidium Gilded Urchin

Parents: *Brassia arcuigera × Oncidium wentworthianum* Originator: Ron McClellan, 1971

CARE LEVEL: Moderate

LIGHT: Bright light from East facing window is best

TEMPERATURE: 55°- 65°F nights; 65°- 75°F days, keep below 85°F during summer months

HUMIDITY: 50% - 70% RH

WATERING: Water 1 to 2x a week while in active growth, reduce watering when not actively growing

FERTILIZING: Use weak fertilizer weekly, not when in active growth

REPOTTING: Repot yearly in course potting medium consisting of bark, coconut chips, charcoal, or perlite



Brassidium Nittany Gold 'Dr. John'

Parents: *Brassia verrucosa × Oncidium ghiesbreghtianum* Originator: Dunkelberger, 1987

CARE LEVEL: Moderate

LIGHT: Bright light from East facing window is best

TEMPERATURE: 55°- 65°F nights; 65°- 75°F days, keep below 85°F during summer months

HUMIDITY: 50% - 70% RH

WATERING: Water 1 to 2x a week while in active growth, reduce watering when not actively growing

FERTILIZING: Use weak fertilizer weekly, not when in active growth

REPOTTING: Repot yearly in course potting medium consisting of bark, coconut chips, charcoal, or perlite



Cattlianthe Rojo 'Happy Valentine'

Synonym: Laeliocattleya Rojo 'Happy Valentine' Parents: Guarianthe aurantiaca × Cattleya milleri Originator: Rod McLellan Co., 1965

CARE LEVEL: Easy

LIGHT: Bright light from East, West or South window

TEMPERATURE: 65°F nights & winter; 70 °F - 85°F days & summer

HUMIDITY: 50% - 80% RH

WATERING: Water 1x a week to every 10 days

FERTILIZING: Fertilize every 2 weeks in summer, once a month in winter

REPOTTING: Repot every 1-2 years in moss/bark mix



Dendrobium Betty Goto × Bicentennial

Parents: Dendrobium Brisbane × Dendrobium Blanche Aisaka

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, up to 90°F days

HUMIDITY: 50% + RH with good airflow

WATERING: Water once a week by running tepid water through a pot with good drainage

FERTILIZING: Use weak fertilizer every week



Dendrobium Chocolate Chip

Parents: *Dendrobium* Micro Chip × *Dendrobium normanbyense* Originator: H & R Nursery, 2018

CARE LEVEL: Very Easy

CULTURE: Miniature, fragrant, blooms 2-3 times a year

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, 90°F days with good ventilation

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Little Norman

Parents: *Dendrobium* Little Atro × *Dendrobium normanbyense* Originator: R. Tokunaga, 2019

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, 90°F days with good ventilation and humidity

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium johnsoniae × Nida

Seed Parents: *Dendrobium johnsoniae* Species Orchid Originator: P. Buranaraktham, 1996

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, 90°F days with good ventilationon o n and humidity

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Mini Snowflake

Parents: *Dendrobium aberrans × Dendrobium johnsoniae* Originator: H&R, 2005

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, 90°F days with good ventilation and humidity

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Mini Snowflake × Nida

Parents: *Dendrobium aberrans × Dendrobium johnsoniae* Originator: H&R, 2005

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East window preferred

TEMPERATURE: 60°F nights, 90°F days with good ventilation and humidity

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Royal Chip

Parents: *Dendrobium* Micro Chip × *Dendrobium* Roy Tokunaga Originator: H & R Nursery, 2018

CARE LEVEL: Very Easy

LIGHT: Bright light from East preferred

TEMPERATURE: 60°F nights, 85°F days

HUMIDITY: 65% + RH, with good airflow

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Waianae Valley × D. kurashigei

Seed Parents: *Dendrobium* Alan Umaki × *Dendrobium* Anching Lubag

CARE LEVEL: Moderately Easy

LIGHT: Bright light from East preferred

TEMPERATURE: 60°F nights, 90°F days

HUMIDITY: 65% + RH, with good airflow

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Dendrobium Winter Pixie

Parents: *Dendrobium* Mini Snowflake × *Dendrobium* Micro Chip Originator: H & R Nursery, 2018

CARE LEVEL: Very Easy

LIGHT: Bright light from East preferred

TEMPERATURE: 60°F nights, 90°F days

HUMIDITY: 65% + RH, with good airflow

WATERING: Water once a week by running tepid water through the pot, drain well

FERTILIZING: Use weak fertilizer every week



Leomesezia Lava Burst 'Puanani'

Synonym: *Howeara* Lava Burst 'Puanani' Parents: *Leomesezia* Mini-Primi × *Rodriguezia lanceolata* Originator: Puanani, 1993

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 60°F nights, 72° - 77°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-5 days, do not leave in standing water

FERTILIZING: Use weak fertilize every 2 months, flush salts weekly

REPOTTING: Repot every several years in medium grade orchid compost



Miltoniopsis Andrea West 'HOF'

Parents: *Miltoniopsis* Capitola × *Miltoniopsis* Doctor Ruth Ono Originator: Okiko, 2001

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Breathless 'Good Woman'

Parents: *Miltoniopsis* Pink Lady × *Miltoniopsis* Pearl Ono Originator: Okiko, 2005

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Golden Snows 'White Light'

Parents: *Miltoniopsis* Frosty Meadows × *Miltoniopsis roezlii* Originator: Okiko, 2007

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Herralexandre

Parents: *Miltoniopsis* Alexandre Dumas × *Miltoniopsis* Herrenhausen Originator: Beale, 1992

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Linda Lingle

Parents: *Miltoniopsis* Saint Helier × *Miltoniopsis* Second Love Originator: J.W. McCully, 2010

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Morris Chestnut

Parents: *Miltoniopsis* Martin Orenstein × *Miltoniopsis* Goodhope Bay Originator: I.N. Komoda, 2002

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Miltoniopsis Rene Komoda

Parents: *Miltoniopsis* Edwidge Sabourin × *Miltoniopsis roezlii* Originator: I.N. Komoda, 1997

CARE LEVEL: Moderate to Challenging

LIGHT: Bright light from East, no direct sun

TEMPERATURE: 50° - 55°F nights, 75° - 85°F days

HUMIDITY: 70% RH or higher

WATERING: Water every 3-4 days, do not let roots dry out completely

FERTILIZING: Use weak fertilize every 2 weeks, flush salts weekly



Oncidesa Lemon Heart

Synonym: Oncidium Lemon Heart Parents: Oncidesa Sum Lai Woh × Gomesa concolor Originator: Sato orchids, 1998

CARE LEVEL: Easy to Moderate

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East, South or West window

TEMPERATURE: 55 to 60°F nighttime, 80 to 85°F daytime

HUMIDITY: 30% - 60% RH

WATERING: Water 1 or 2 times a week, do not allow to dry out

FERTILIZING: Fertilize once a month

REPOTTING: Repot in lava rock and bark mix



Oncidium Heaven Scent

Parents: Oncidium Ruffles × Oncidium Sharry Baby Originator: J.W. McCully, 2005

CARE LEVEL: Easy to Moderate

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East, South or West window

TEMPERATURE: 55 to 60°F nighttime, 80 to 85°F daytime

HUMIDITY: 30% - 60% RH

WATERING: Water 1 or 2 times a week, do not allow to dry out

FERTILIZING: Fertilize once a month

REPOTTING: Repot in lava rock and bark mix



Oncidium Pacific Pagan 'Kilauea'

Synonym: Oncidioda Pacific Pagan 'Kilauea' Parents: *Oncidium* Debutante × *Oncidium* Jimbo Originator: J.W. McCully, 2004

CARE LEVEL: Easy to Moderate

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East, South or West window

TEMPERATURE: 55 to 60°F nighttime, 80 to 85°F daytime

HUMIDITY: 30% - 60% RH

WATERING: Water 1 or 2 times a week, do not allow to dry out

FERTILIZING: Fertilize once a month

REPOTTING: Repot in lava rock and bark mix



Oncidium Sharry Baby

Parents: *Oncidium* Jamie Sutton × *Oncidium* Honolulu Originator: Beall, 1983

CARE LEVEL: Easy to Moderate

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55° - 60°F nights, 80°- 85°F days

HUMIDITY: 30% - 60% RH

WATERING: Water once or twice a week to keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot in sphagnum moss and bark mix



Oncidium Tsiku Marguerite

Parents: Oncidium Twinkle × Oncidium sotoanum Originator: Tsiku Taiwan Orchids, 2000

CARE LEVEL: Easy to moderate

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55°- 60°F nights, 80°- 85°F days

HUMIDITY: 30% - 60% RH

WATERING: Water once or twice a week, keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot in sphagnum moss and bark mix



Oncidium Twinkle 'Fragrance Fantasy'

Parents: Oncidium cheirophorum × Oncidium sotoanum Originator: W.W.G. Moir 1958

CARE LEVEL: Easy

FLOWERING: Flowers are fragrant

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55°- 60°F nights, 80°- 85°F days

HUMIDITY: 30% - 60% RH

WATERING: Water once or twice a week, keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot in sphagnum moss and bark mix



Oncidopsis Crimson Pride

Parents: Oncidopsis Pacific Waters × Oncidium Petite Shine Originator: J.W. McCully, 2012

CARE LEVEL: Moderate

LIGHT: Bright light from East, South, or West window, no direct sun

TEMPERATURE: 60° - 65°F nights, 80°- 85°F days

HUMIDITY: 55% - 75% RH

WATERING: Water 2 or 3 times a week to keep medium slightly moist

FERTILIZING: Fertilize once a month if in sphagnum or weekly in bark mix

REPOTTING: Repot in NZ sphagnum or medium orchid bark



Oncidopsis Living Fire 'Glowing Embers'

Synonym: *Burrageara* Living Fire 'Glowing Embers' Parents: *Oncidopsis* Edna × *Oncidium maculatum* Originator: Rod McClellan Co., 1978

CARE LEVEL: Moderate

LIGHT: Bright light from East, South, or West window, no direct sun

TEMPERATURE: 60° - 65°F nights, 80°- 85°F days

HUMIDITY: 55% - 75% RH

WATERING: Water 2 or 3 times a week to keep medium slightly moist

FERTILIZING: Fertilize once a month if in sphagnum or weekly in bark mix

REPOTTING: Repot in NZ sphagnum or medium orchid bark



Oncostele Eye Candy 'Pinkie'

Synonym: *Wilsonara* or *Burrageara* Eye Candy 'Pinkie' Parents: *Oncostele* Catatante × *Oncidium* Barossa Delight Originator: Okika, 2010

CARE LEVEL: Easy to Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55° - 60°F nights, 75°- 85°F days

HUMIDITY: 50% - 75% RH

WATERING: Water once or twice a week to keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot once a year – keep containers on the small side. Use a rapid draining mix of bark, perlite, charcoal, lava rock and coarse peat



Oncostele Catatante 'Sunny Kalapana'

Synonym: Odontocidium Catatante 'Sunny Kalapana' Parents: Oncidium Sphacelatum × Oncostele Wildcat Originator: J.W. McCully, 2002

CARE LEVEL: Easy to Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55° - 65°F nights, 75°- 85°F days

HUMIDITY: 50% - 75% RH

WATERING: Water once or twice a week to keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot once a year – keep containers on the small side. Use a rapid draining mix of bark, perlite, charcoal, lava rock and coarse peat.



Oncostele Wildcat yellow

Synonym: Odontocidium Wildcat Parents: Oncostele Rustic Bridge × Oncidium Crowborough Originator: Rod McClellan Co., 1992

CARE LEVEL: Easy to Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 55° - 65°F nights, 75°- 85°F days

HUMIDITY: 50% - 75% RH

WATERING: Water once or twice a week to keep medium slightly moist

FERTILIZING: Fertilize once a month

REPOTTING: Repot once a year – keep containers on the small side. Use a rapid draining mix of bark, perlite, charcoal, lava rock and coarse peat.



Paphiopedilum Charly Web

Parents: *Paphiopedilum* Hsinying Rubyweb × *Paphiopedilum charlesworthii* Originator: J. Fang, 2015

CARE LEVEL: Easy - Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 60° - 65°F nights, 75° - 85°F days

HUMIDITY: 40% to 70% RH, with good air circulation

WATERING: Water every 5 days in bark or when the top of the sphagnum is dry if in moss. Keep moist, never soggy and never dry.

FERTILIZING: Fertilize once a month



Paphiopedilum charlesworthii

Common name: Slipper Orchid Parentage: Species orchid, parent to many *Paphiopedilum* orchids in the exhibition Native Range: India, Myanmar, Thailand, South China on deeply shaded western slopes

CARE LEVEL: Easy - Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 60° - 65°F nights, 75° - 85°F days

HUMIDITY: 40% to 70% RH, with good air circulation

WATERING: Water every 5 days in bark or when the top of the sphagnum is dry if in moss. Keep moist, never soggy and never dry.

FERTILIZING: Fertilize once a month



Paphiopedilum Hsinying Citron

Parents: *Paphiopedilum* Gael × *Paphiopedilum* Mishima Citron Originator: Ching Hua, 2003

CARE LEVEL: Easy - Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 60° - 65°F nights, 75° - 85°F days

HUMIDITY: 40% to 70% RH, with good air circulation

WATERING: Water every 5 days in bark or when the top of the sphagnum is dry if in moss. Keep moist, never soggy and never dry.

FERTILIZING: Fertilize once a month



Paphiopedilum Miaohau Golden Venus × P. Cocoa Jollix Med Common Name: Slipper Orchids

CARE LEVEL: Easy - Moderate

LIGHT: Bright light from East window, no direct sun

TEMPERATURE: 60° - 65°F nights, 75° - 85°F days

HUMIDITY: 40% to 70% RH, with good air circulation

WATERING: Water every 5 days in bark or when the top of the sphagnum is dry if in moss. Keep moist, never soggy and never dry.

FERTILIZING: Fertilize once a month



Phalaenopsis (assorted)

CARE LEVEL: Very Easy

LIGHT: Bright light from an East, South or West window

TEMPERATURE: Above 60° at night, 75° - 85° days. Temps below 55° in fall will initiate blooming

HUMIDITY: 50% to 80% RH

WATERING: Water thoroughly but allow to dry between waterings. Water in morning to prevent rot.

FERTILIZING: Fertilize every 2 weeks with high nitrogen fertilizer when in active growth. Use a high phosphorus fertilizer prior to blooming.

REPOTTING: Repot every 1 –3 years in a porous mix such as bark.



Rhynchostylis gigantea Red (Species Orchid) Common name: Foxtail Orchid Native Range: Myanmar, Thailand, Cambodia, Loas, Thailand, Malaysia

CARE LEVEL: Challenging

LIGHT: Bright light from East, South or West window, needs more light than most orchids

TEMPERATURE: above 55°F nights, 75° - 85°F days

HUMIDITY: 60% to 80% RH

WATERING: Water thoroughly daily

FERTILIZING: Fertilize weekly with a weak fertilizer

REPOTTING: Place in orchid basket with no medium



Schunkeara Big Shot 'Pink Panther'

Synonym: Beallara Big Shot 'Pink Panther' Parents: Aliceara Tahoma Glacier ×Miltoniopsis Maui Titan Originator: J.W. McCally, 2006

CARE LEVEL: Moderate

LIGHT: Bright light from East, South, or West window, no direct sun

TEMPERATURE: 60° - 65°F nights, 80°- 85°F days

HUMIDITY: 55% - 75% RH

WATERING: Water when medium is approaching dryness

FERTILIZING: Fertilize once a month if in sphagnum or weekly in bark mix

REPOTTING: in NZ sphagnum or medium orchid bark mix



Zygonisia Murasakikomachi 'Blue Hawaii'

Parentage: *Zygonisia* Roquebrune × *Warrella* (*Aganisia*) *cyanea* Originator: Kimbra, 2004

CARE LEVEL: Moderate

LIGHT: Light from East or West window, tolerates shade

TEMPERATURE: 55° - 65°F nights, 75°- 85°F days

HUMIDITY: 50% - 80% RH

WATERING: Water thoroughly throughout the year

FERTILIZING: Fertilize at full strength spring, summer, and fall, weakly in the winter

REPOTTING: Repot in coconut chips, bark and perlite anytime but winter. An application of dolomitic limestone can be applied.



Zygopetalum Advance Australia 'H.O.F.'

Parentage: *Zygopetalum* Titanic × *Zygopetalum Ihelen-Ku* Originator: Adelaide, 1993

CARE LEVEL: Easy - Moderate

LIGHT: Bright light from East or West window

TEMPERATURE: 55° - 65°F nights, 75°- 85°F days

HUMIDITY: 50% - 80% RH

WATERING: Water once or twice a week during active growth, less in winter

FERTILIZING: Use a weak fertilizer every two weeks throughout the year

REPOTTING: Repot in coconut chips, bark and perlite anytime but winter. An application of dolomitic limestone can be applied.

