

# Phalaenopsis Blooming Guide

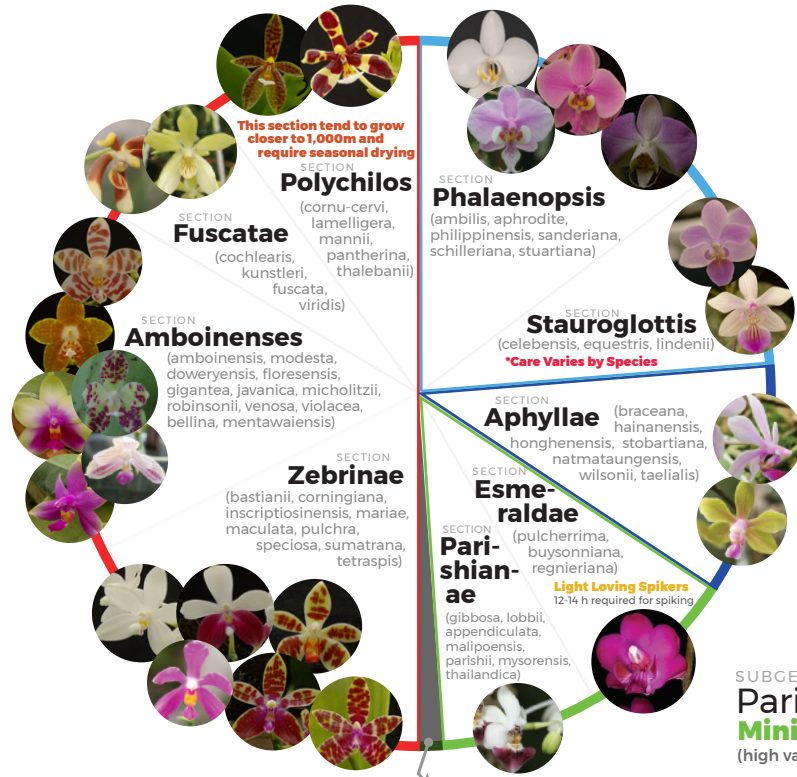
Some like it hot, others need it cool, and a few need long daylight hours

**SUBGENUS**  
**Polychilos**  
**Generally Warm Temps**  
**Induce Spiking**  
\*generalized - variations exist by species

**(25-C +)**

Equatorial Asian Islands - Sumatra, Kalimantan, Malaysia, Indonesia, etc  
Low-Land (0-1,000m)  
General Temp: 23-33-C  
Humidity: 80-95%

\*Intermediate (brighter light) year round  
\*Keep moist between waterings  
/avoid "hard drying" of roots



**SECTION**  
**Polychilos**  
(cornu-cervi, lamelligera, manni, pantherina, thalebani)

**This section tend to grow closer to 1,000m and require seasonal drying**

**SECTION**  
**Fuscatae**  
(cochlearis, kunstleri, fuscata, viridis)

**SECTION**  
**Amboinenses**  
(amboinensis, modesta, doweryensis, floresensis, gigantea, javanica, micholitzii, robinsonii, venosa, violacea, bellina, mentawaiensis)

**SECTION**  
**Zebrinae**  
(bastianii, corningiana, inscriptiosinensis, mariae, maculata, pulchra, speciosa, sumatrana, tetraspis)

**SECTION**  
**Phalaenopsis**  
(ambilis, aphrodite, philippinensis, sanderiana, schilleriana, stuartiana)

**SECTION**  
**Stauroglottis**  
(celebensis, equestris, lindeni)  
**\*Care Varies by Species**

**SECTION**  
**Aphyllae**  
(braceana, hainanensis, honghenensis, stobartiana, natmataungensis, wilsonii, taelialis)

**SECTION**  
**Esmeraldae**

**SECTION**  
**Parishian-ae**  
(gibbosa, lobbii, appendiculata, malipoensis, parishii, mysorensis, thailandica)  
**Light Loving Spikers**  
12-14 h required for spiking

**Few-Species Subgenus/Section**  
**\*Care Varies by Species**

**Proboscidioides**  
(lowii)

**Hygrochilus**  
(hygrochila, japonica, marriottiana, tsui, subparishii)

**Ornithochilus**  
(difformis)

**SUBGENUS**  
**Phalaenopsis**  
**Generally Cool Temps**  
**Induce Spiking**  
\*generalized - variations exist by species

**( Day temps down to ~17-C )**

More Northern distribution  
(seasonal variation/cooler winter)  
Low-Intermediate Land (0-1,500m)  
General Temp: 20-27-C  
Humidity: 70-90%

\*Night temps also cool -15-C  
\*More flowers; cooler until spikes are 8" or longer  
\*Brighter light in winter  
\*Should dry out lightly between waterings; dryer in winter when temps are lower

**SUBGENUS**  
**Aphyllae**  
**Cool/Cold Growers**

**( 13-15-C minimum required )**

High-Land (2,000m)  
General Temp: 10-20-C  
Humidity: 70-80%

**SUBGENUS**  
**Parishiane**  
**Miniatures**  
(high variability in habitat)

## Sources

- <http://www.ranwild.org/Phalaenopsis/module/flowerlist/Etopframe.html>
- <http://www.aos.org/orchids/additional-resources/phalaenopsis-the-genus.aspx>
- <http://www.aos.org/orchids/orchids-a-to-z/letter-p/phalaenopsis.aspx>
- <https://orchidrepublic.com/blogs/about-orchids/phalaenopsis-orchid>
- <https://www.phals.net/ClassPhal.html>