

Summary of Slide Presentation:
Cymbidium
Selection and
Culture in Florida

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CYMBIDIUM SPECIES LIST

Section

Floribundum

[chloranthum](#)(HT-7)

[elongatum](#)

[floribundum](#) (HT-5)

[hartinahianum](#)

[suavissimum](#)

Section

Austrocymbidium

[canaliculatum](#) (HT-10)

[madidum](#) (HT-8.5)

[suave](#) (HT- ?)

Section

Cymbidium

[aloifolium](#) (HT-10)

[atropurpureum](#) (8.5)

[bicolor](#) (HT-8.5)

[finlaysonianum](#) (HT-9.5)

[rectum](#) (HT-8.5)

Section Borneense

[aliciae](#)

[borneense](#)

Section

Bigibbarium

[devonianum](#) (HT-*)

Section

Himantophllum

[dayanum](#) (HT-9)

Section

Annamaea

[erythrostylum](#) (Cool)

Section

Cyperorchis

[banaense](#)

[cochlear](#)

[eburneum](#) (HT-J)

[elegans](#) (HT-?)

[erythraeum](#) (HT-M)

[hookerianum](#) (Cool *)

[insigne](#) (HT-J)

[iridioides](#) (HT-Cool)

[lowianum](#) (HT-J)

[mastersii](#) (Cool)

[parishii](#) (HT-*)

[roseum](#)

[sanderac](#)

[schroederi](#) (Cool)

[sigmoideum](#)

[tracyanum](#) (Cool)

[wenshanense](#)

[whiteae](#)

[wilsonii](#)

Section Parishilla

[tigrinum](#) (HT-?)

Section

Jenosa

[cyperfolium](#)

[defoliatum](#)

[ensifolium](#) (HT-8.5 – 10)

[faberi](#)

[goeringii](#) (HT-J)

[kanran](#) (HT-*)

[munronianum](#) (HT-8)

[nanulum](#)

[omeiense](#)

[qiubeiense](#)

[sinense](#) (HT5.5)

[tortisepalum](#)

Section

Pachyrhizanth

[lancifolium](#)

[macrorhizon](#)

HT Heat Tolerant index # if known

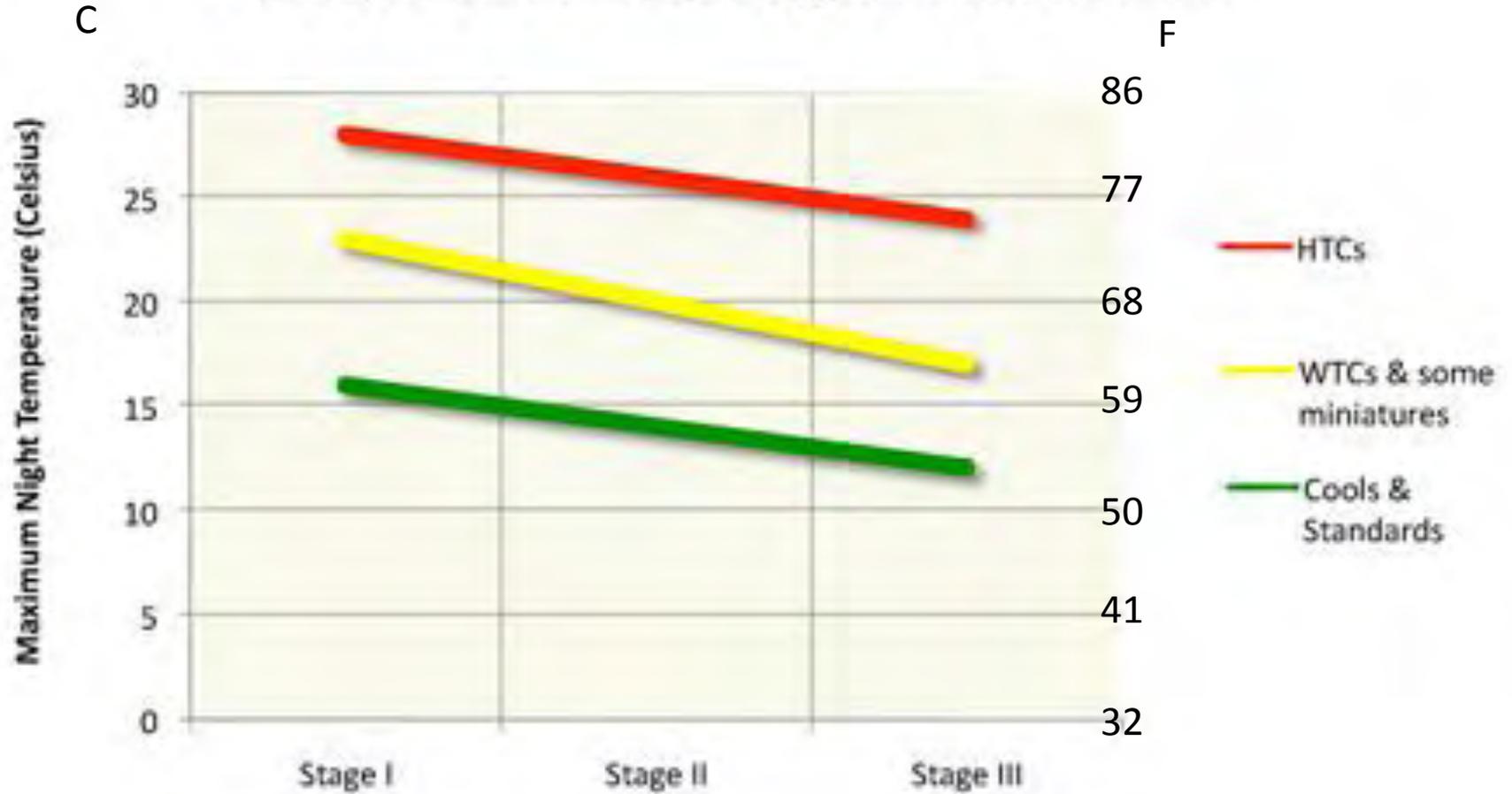
HT-* May be Heat Tolerant in some crosses

HT-J Grows & Blooms in Jacksonville, Fl

HT-M Grows & Blooms in Melbourne, Aus

Slide by K. Harry McElroy

Temperature Pattern of 3 Stages for Successful Blooming of Cymbidiums



Cymbidium Species	Heat Tolerance Index
Cymbidium ensifolium subsp. Haematodes	10
Cymbidium canaliculatum	10
Cymbidium aloifolium	10
Cymbidium finlaysonianum	9.5
Cymbidium dayanum	9.5
Cymbidium ensifolium subsp. Ensifolium	8.5
Cymbidium madidum	8.5
Cymbidium bicolor	8.5
Cymbidium rectum	8.5
Cymbidium autopurpureum	8.5
Cymbidium munronianum	8.0
Cymbidium cloranthum	7.0
Cymbidium sinense	5.5
Cymbidium floribundum (pumilum)	5.0

**Species with Significant
Influence in HT/WT Hybrids
(Up to 2011) + *devonianum***

Cym. ensifolium 4n,

Cym. canaliculatum album.

Cym. madidum 4n,

Cym. sinense in both regular and alba forms,

Cym. floribundum(*pumilum*)

**Cym. parishii* 'Emma Menninger' 4n, (known to have some heat tolerance)

Cym. devonianum

Heat Tolerant ??????????

* Species classification controversial

Species Recognition

Keys To Identification:	
1. Spike Habit	
2. Flower Count	
3. Lip	
4. Petals	
5. Sepals	
6. Bulb Size	
7. Leaf Type	

Cymbidium ensifolium

One of the "Chinese" cymbidiums, this species is prized in Asia and has proven to be an important parent in hybridizing. The scape is between 6 & 26 inches (15 and 67 cm) with 3 - 9 strongly-scented flowers. The flowers are 1.2 - 2 in. (3 - 5 cm) and variable in color. The species is found at 1000' to 6000' (300 m to 1800 m).



Cymbidium ensifolium
(Si Ji Lan)



Cymbidium ensifolium
(Yu Hua)



Cymbidium ensifolium
(Kuan Yin Su Xin)

Subspecies **haematodes**

Sri Lanka, S India, Thailand, W Malaysia,
Sumatra, Java, Borneo, New Guinea

Heat Tolerance Index : 10

Subspecies **ensifolium**

China, Taiwan, Ryukyu Islands, Philippines (Luzon)

Heat Tolerance Index: 8.5

Cymbidium canaliculatum (*Austrocymbidium*)

HTI: 10



Cymbidium canaliculatum sparksii 'Cedarvale'



This is quite variable in color. One of the most popular is var. *sparksii*, a variety with dark flowers and almost horizontal racemes. *Canaliculatum* has thick leaves and is often found in exposed locations.

Its scape is 6 - 22 in. (15 - 55 cm) long with between 13 and 60 closely spaced .4 - 1.6 in. (1.8 - 4 cm) flowers. Color varies from green to almost black.

Distribution

Australia from northern western Australia to Cape York, Queensland, and south to central New South Wales from sea Level to 3280 ft. (0-1000 m.)

F1 Offspring : 42

Progeny: 63



Cymbidium canaliculatum 'Esk'



Cymbidium madidum

(Austrocymbidium)

HTI: 8.5



Madidum is a large plant with long pendulous racemes with many flowers. The scape is pendulous, between 12 - 32 in.(30 and 80 cm) long and carries between 7 and 60 flowers. The flowers are slightly sweetly scented and are 1 - 1.3 in. (2.6 - 2.8 cm) across.



Distribution

Eastern Australia, from northern Cape York to northern New South Wales. Sea level to 4260 ft. (0 - 1300m).

F1 Offspring: 64

Offspring : 253

Cymbidium sinense

HTI: 5.5



F1 Offspring: 86
Progeny : 190



This Chinese species with its tall upright spikes is one of those that has been grown in Asia as a pot plant for many years. The scape is 16 - 32 in. (40 - 80 cm) with between 6 and 26 strongly-scented flowers. The flowers are about 2 in. (5 cm) across.

DISTRIBUTION: Meghalaya (Khasia Hills), Burma, N Thailand, China, Hong Kong, Taiwan, Ryukus 984 – 7500 ft. (300 -2300 m)

Cymbidium floribundum

HTI: 5



Syn. pumilum



Floribundum varies in color from a pure color green to browns and reds. It flowers readily making a beautiful specimen. This is a very small growing plant with a scape of 6 - 16 in. (15 - 40 cm) carrying between 6 and 45 closely-spaced 1.2 - 2.4 in. (3 - 4 cm) flowers.

Distribution: S China, Taiwan, Northern Vietnam, 800 - 2800 m



Cymbidium devonianum

Not Heat Tolerant

The flower scape is 6 - 17 in.
(15 - 44 cm) long with between 15
and 35 closely-spaced flowers.

Photos below are *devonianum* in situ
at 4760 ft, at the top of the Phu Luang
mountain in a wildlife sanctuary in Loei.
Photos below were taken by
Kobsukh Kaenratana, shown as posted
on the New Horizon Cymbidium Forum.



<http://www.bloggang.com/viewdiary.php?id=sam-phao-ngam&group=2>

<http://www.pakkretfloriculture.co.th/>

<http://www.cymspecies.com/index.htm>

<http://www.newhorizonorchids.com/gallery>