

Genus *Anguloa*

The genus *Anguloa* is composed of nine distinct species and three natural hybrids from South America, principally Perú, Ecuador, Colombia, Bolivia and Venezuela.

The genus is characterized by its large up to 9.5 inches (24 cm) tall pseudobulbs bearing two to four large plicate leaves up to 4 feet (1.3 m) long. The pseudobulbs lose their leaves at the start of each year's new growth, and the abscission point is marked by a short spine at the origin of the central rib of the outer leaves, and these pseudobulbs remain leafless thereafter. They are mainly terrestrial in scrub and forest between 4000 and 7500 feet (1200 and 2300 meters). The non-resupinate flowers are produced on vertical scapes from the base of the previous year's pseudobulb.

The white *Anguloas* produce up to six flower spikes per pseudobulb and the yellow/red *Anguloas* up to twelve in the summer (June to September). The petals and sepals make a more or less cup-shaped (globose) flower, the appearance of which gives rise to the name "tulip orchid". The lip is positioned vertically, resting against the column, hinged at the base. The flowers are strongly fragrant with medicinal smells in a range, to our noses, between eucalyptus oil, mothballs and oil of wintergreen.

Anguloa share a chromosome count of $2n=40$ with the Mesoamerican *Lycaste*, but DNA sequencing experiments show a close relationship to the anatomically very different fimbriate group of South American *Lycastes*, whose chromosome counts range from $2n=44$ to $2n=50$. (Oakeley 1999).

Names	Progeny F1/Total	FCC	AM	HCC	JC	AD	AQ	CC	CCE	CCM	CHM	CBR	CBM	Total	Strengthen	Weakness
Ang.brevilabris	4/12								3	3	1			7		
Ang.cliftonii	18/37		6	2						5				13		
Ang.clowesii*	37/163		6						1	5				12	yellow collors seems dominant except when crossing with <i>Lycaste</i> . Enhance color on its progeny	
Ang.dubia	3/3		1	1						1	1			4		
Ang.eburnea	12/62		4	1						1	1			7		
Ang.hohenlohii	17/24													0		
Ang.tognettiae	3/3													0		
Ang.uniflora	11/14		4	1						2	1			8		
Ang.virginalis	10/17		3	2						1				6		

About the scale to judge *Anguloa* I suggested using general scale.

References

- Oakeley H. 1999. Anguloa: the species, the hybrids and a checklist of Angulocastes. Orchid Digest. Vol. 63 (4): A1
- Orchidwiz Encyclopedia X9.1
- www.orchidspecies.com.
- www.wcsp.science.keew.org