

**Table 1.** Quantitative and categorical traits used in this study.

<b>Traits</b>	<b>Numerical range/Categories</b>
<b>Quantitative</b>	
Plant height	0.01-30m
Flower width	0.50-205mm
Flower length	0.20-195mm
Inflorescence width	0.80-300mm
Style length	0-138mm
Ovules per flower	1-25000
Flowers per plant	1-1.8 x 10 <sup>5</sup>
Microliters of nectar	0-160 $\mu$ l
Milligrams of nectar	0-6.1mg
Pollen grains per flower	13-2 x 10 <sup>8</sup>
Autonomous selfing (fruit set)	0-100%
<b>Categorical</b>	
Lifepan	Short-lived and perennial
Life form	Herb, shrub and tree
Flower shape	Brush, campanulate, capitulum, open, papilionaceous and tube
Flower symmetry	Actinomorphic and zygomorphic
Nectar	Presence and absence
Compatibility system	Self-incompatible, partially self-compabtile and self-compatible
Breeding system	Hermaphrodite, monoecious and dioecious