

FLOWERS





FLOWERS

- Type of flowers
- Position (axillary, terminal, cauliferous)
- Composition of flowers
- Perfect & Imperfect flower
- Monoecious, Dioecious, Polygamous
- Corolla (Polypetalae, Gamopetalae, Apetalae)
- Inflorescence
 - raceme, corymb, spike, head, umbel
spadix, cyme

Type of flowers

Solitary



Inflorescence

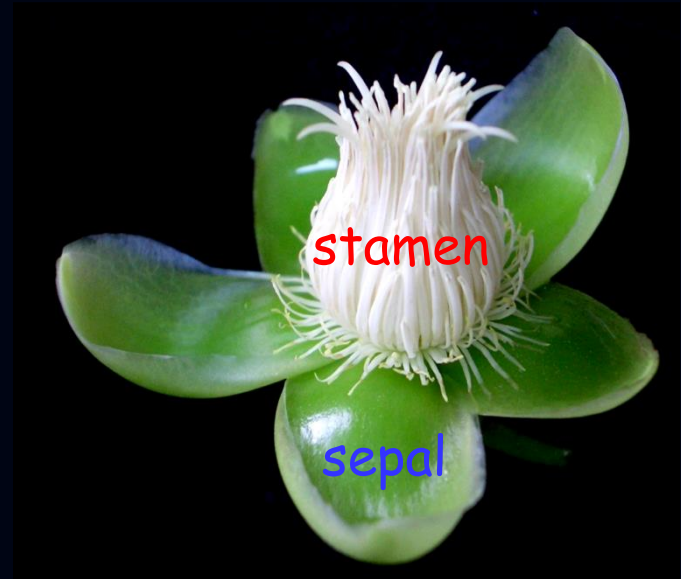
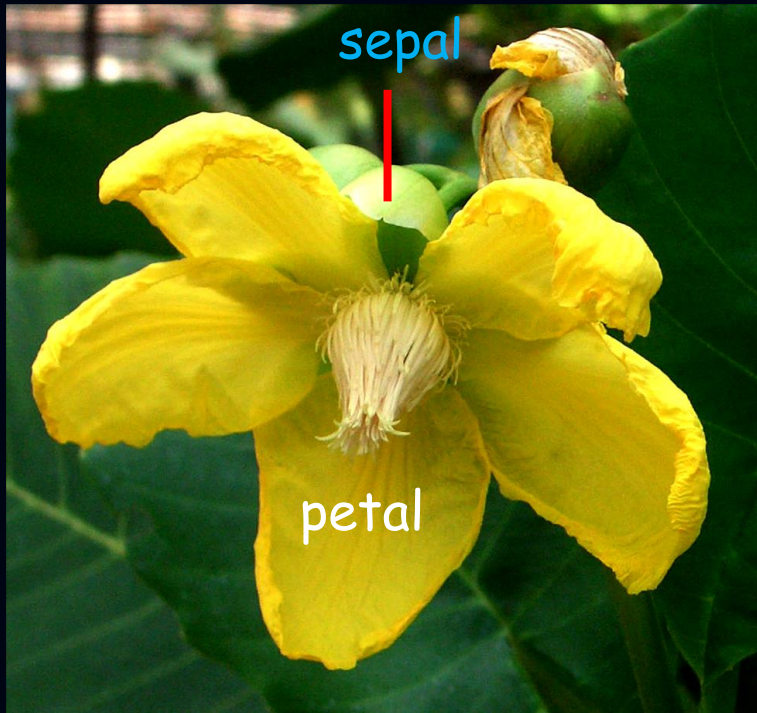


Position: Axillary, Terminal, Cauliferous



Floral composition

1. Calyx
2. Corolla
3. Androecium
4. Gynoecium



Perfect & Imperfect flowers

bisexual flower

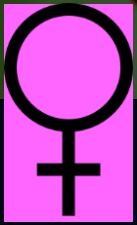
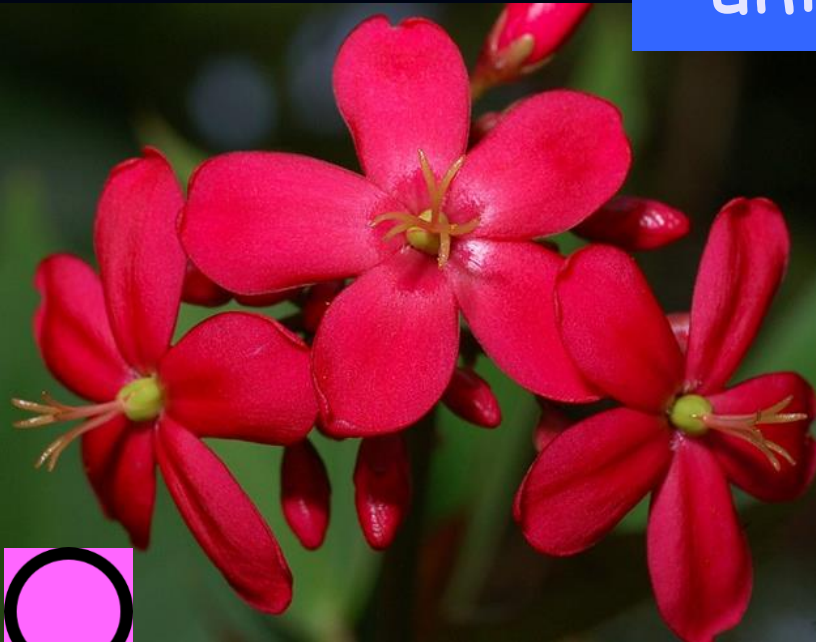




male / staminate flower

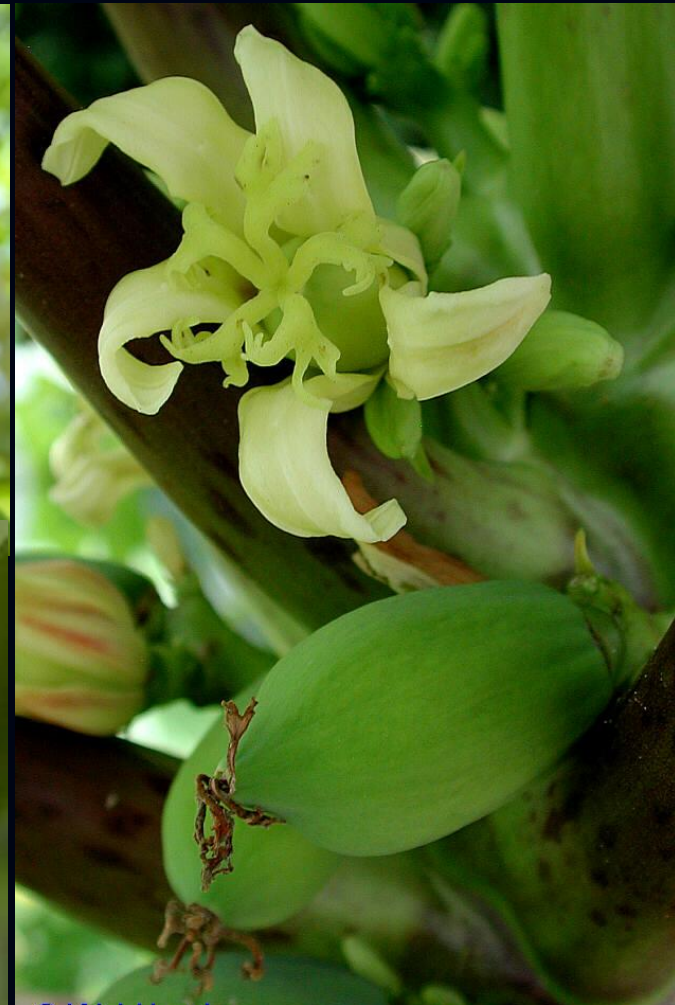


unisexual flower



female / pistillate flower

Monoecious, Dioecious, Polygamous



Corolla: Polypetalae, Gamopetalae, Apetalae



corolla tube

corolla lobe

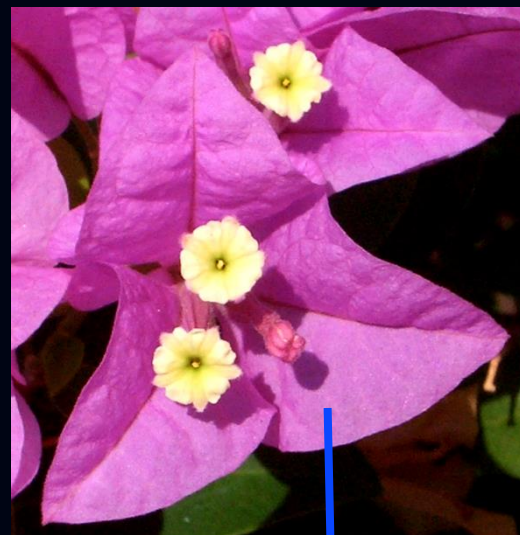


Bracteate & Ebracteate

- **Bracteate** : a flower or inflorescence with bract
- **Ebracteate** : a flower or inflorescence without bract



leafy bract



petaloid bract



involucre



spathe



epicalyx

"BRACT"

Flower symmetry

- Zygomorphic flower
bilateral symmetry
- Actinomorphic flower
radial symmetry

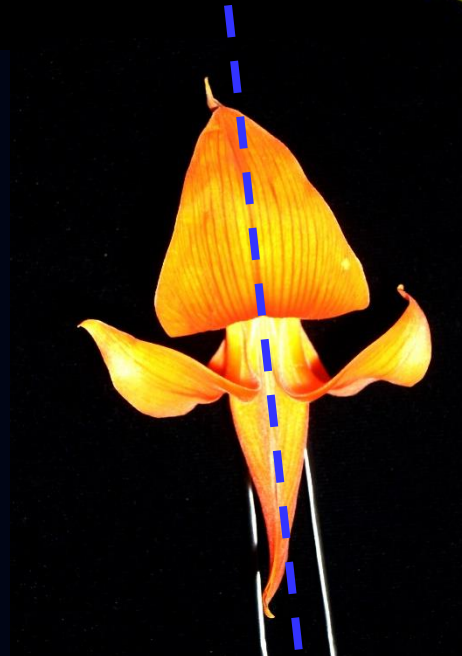
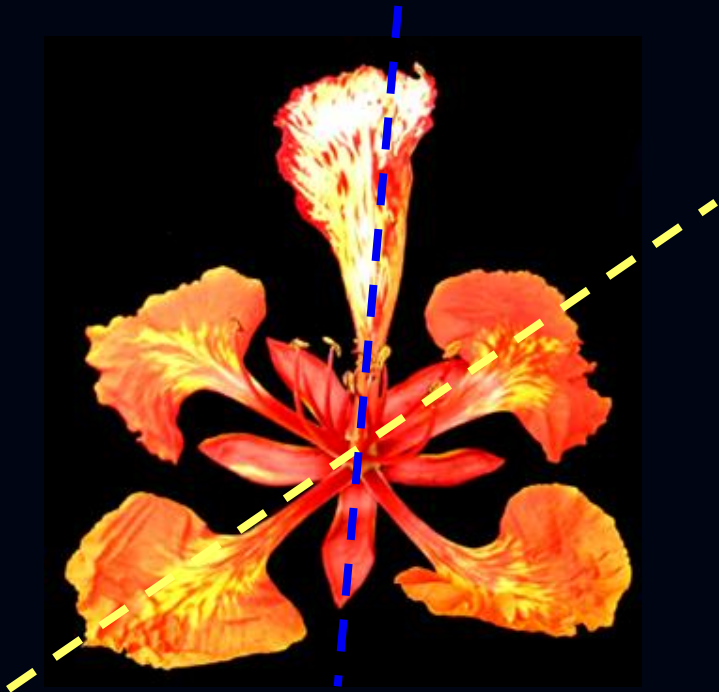
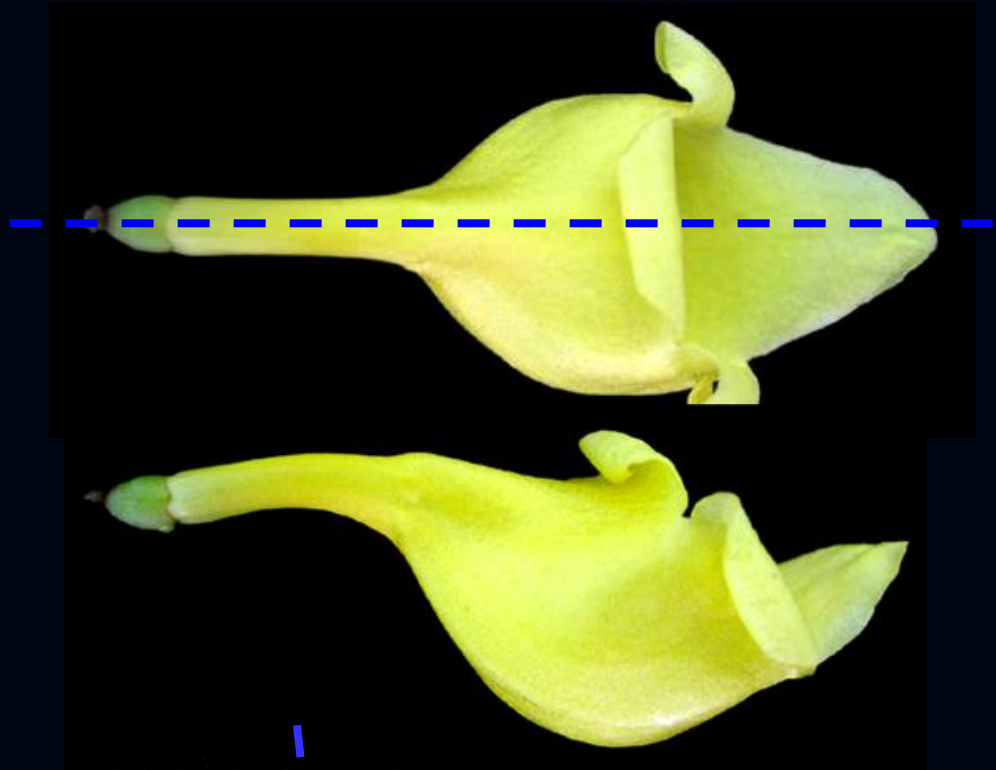


radial
symmetry



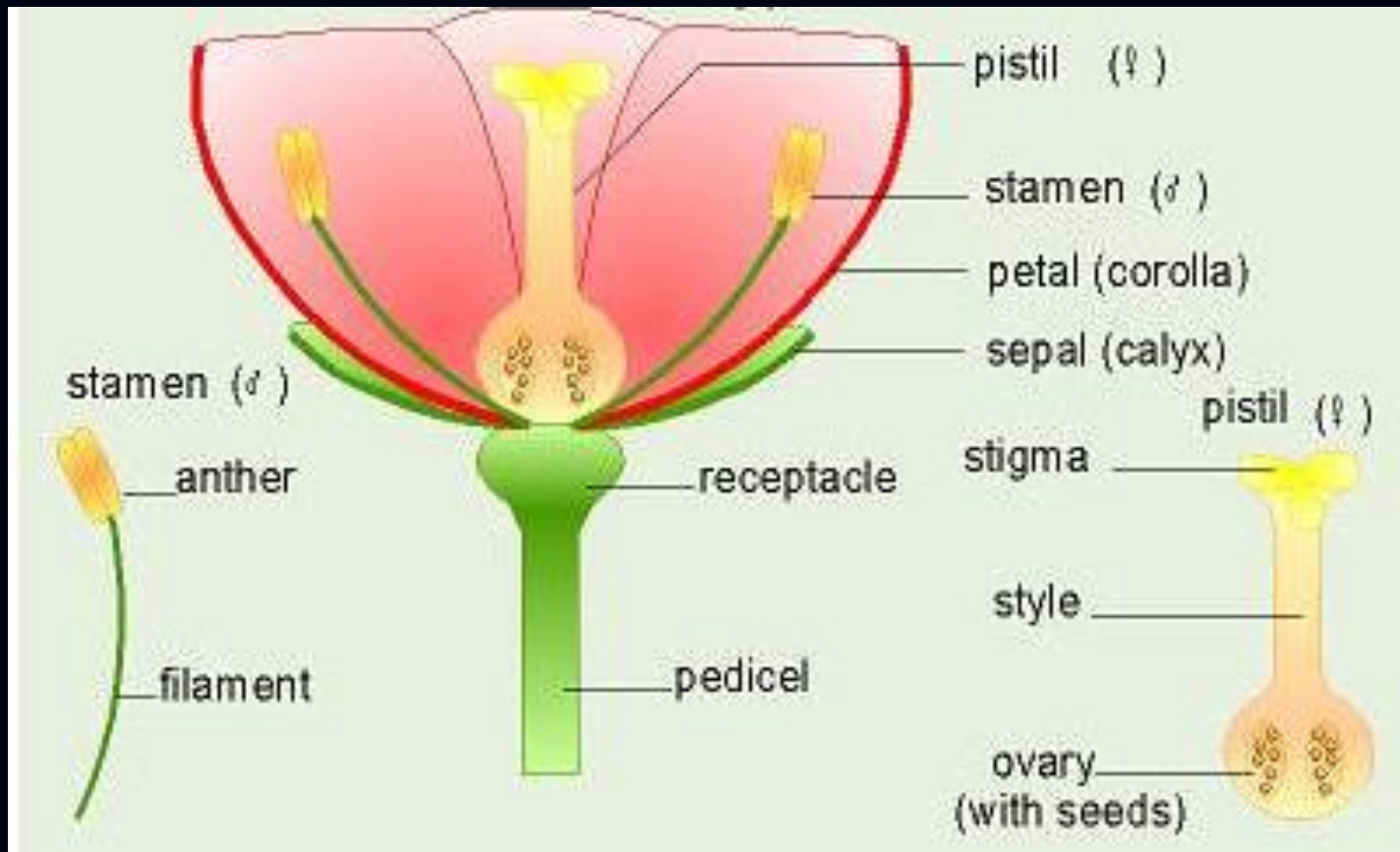
actinomorphic
flower





bilateral
symmetry

zygomorphic
flower



Calyx



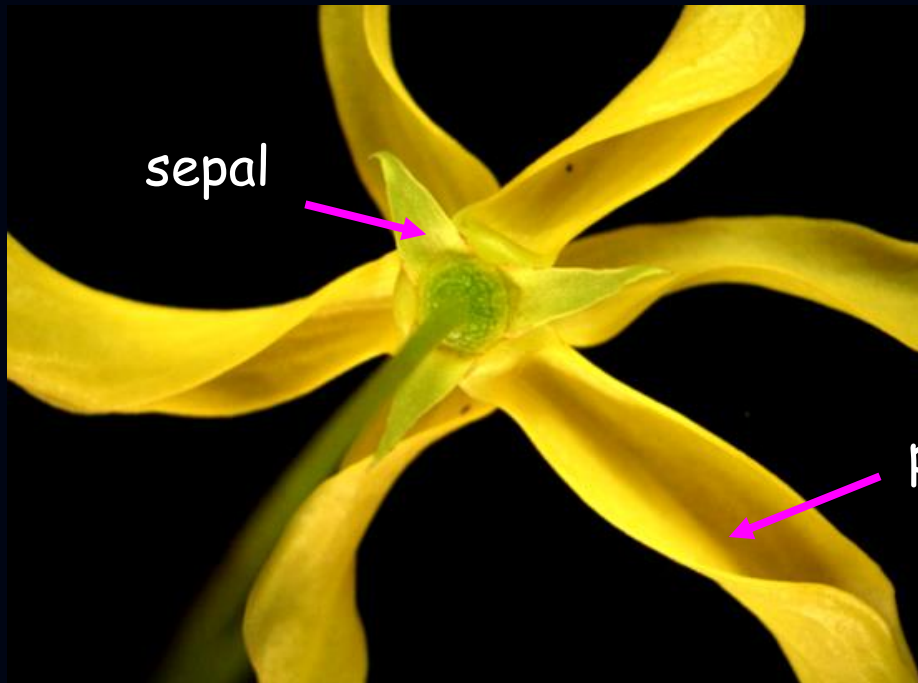
polysepalous



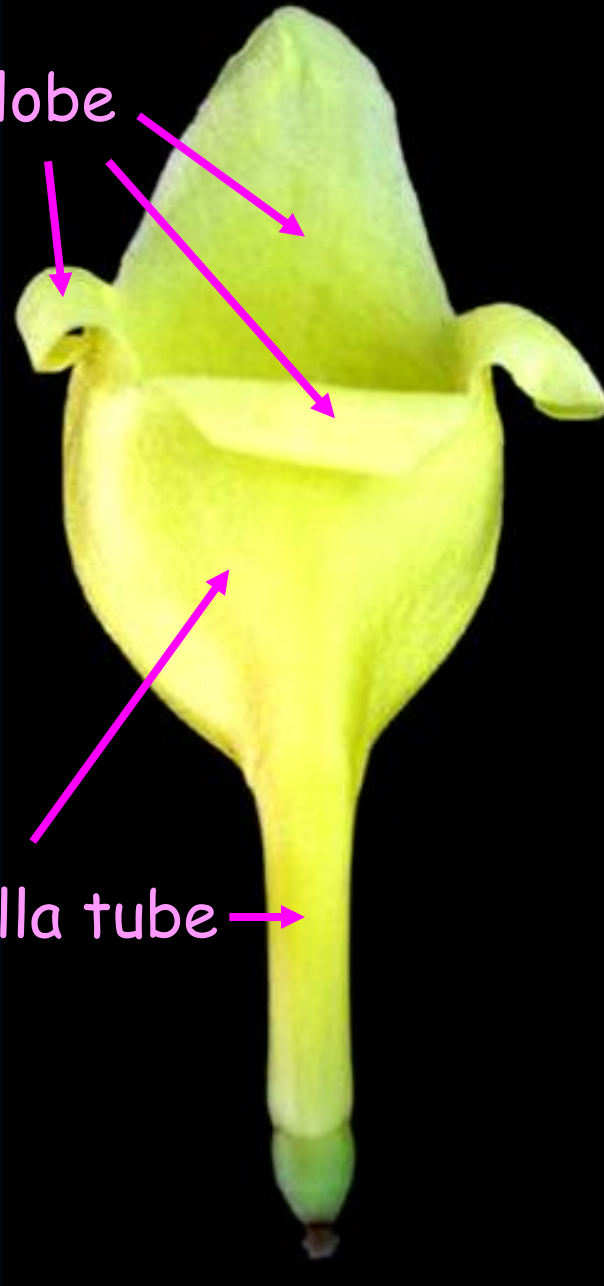
gamosepalous

Polysepalous free sepal

Polypetalous free petal



corolla lobe



corolla tube

Corolla

Calyx

Gamopetalous
united petal

Gamosepalous
united sepal

calyx lobe

calyx tube



PERIANTH

outer perianth



inner
perianth

outer perianth



Form of corolla

- Polypetalae

Orchidaceous form

Papilionaceous form

Cruciform

- Gamopetalae

Rotate form

Tubular form

Campanulate form

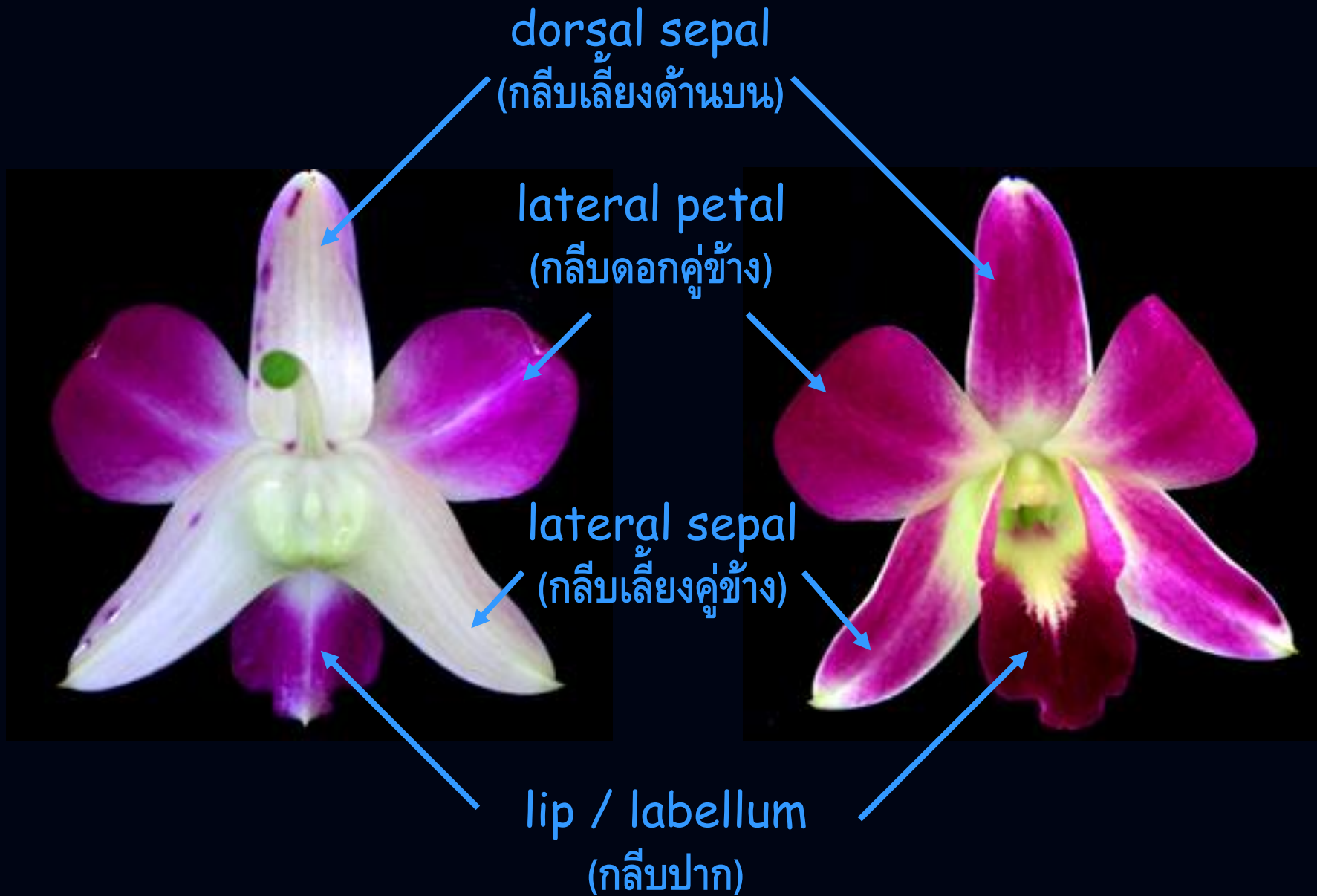
Ligulate form

Salver form,

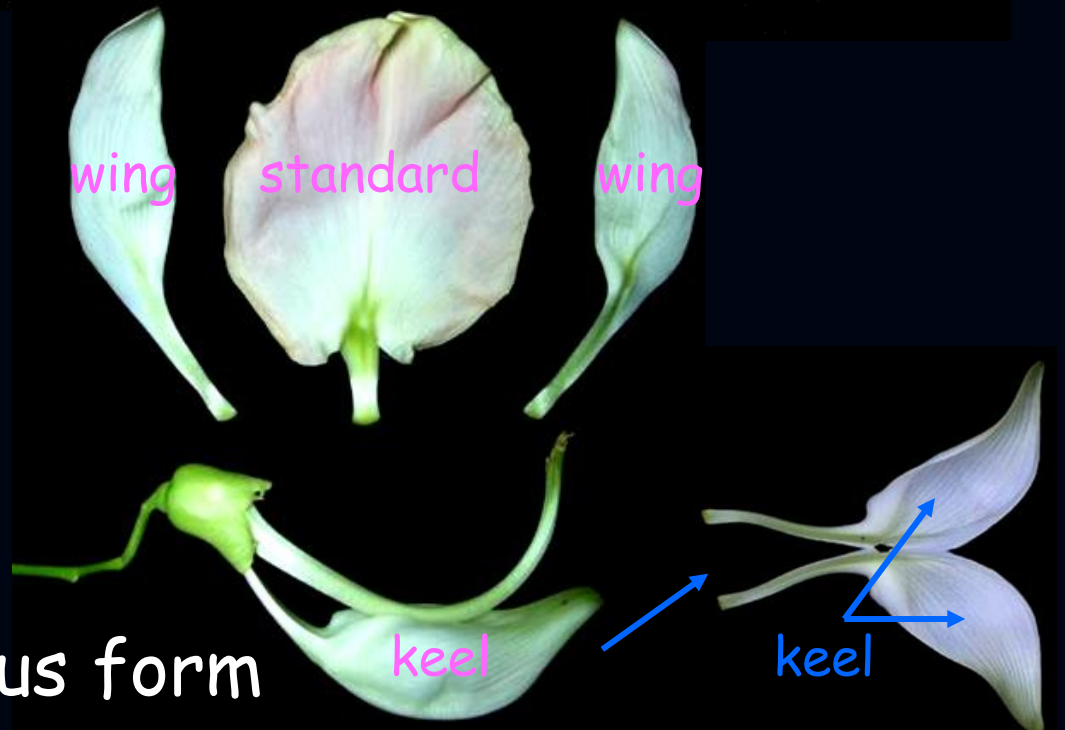
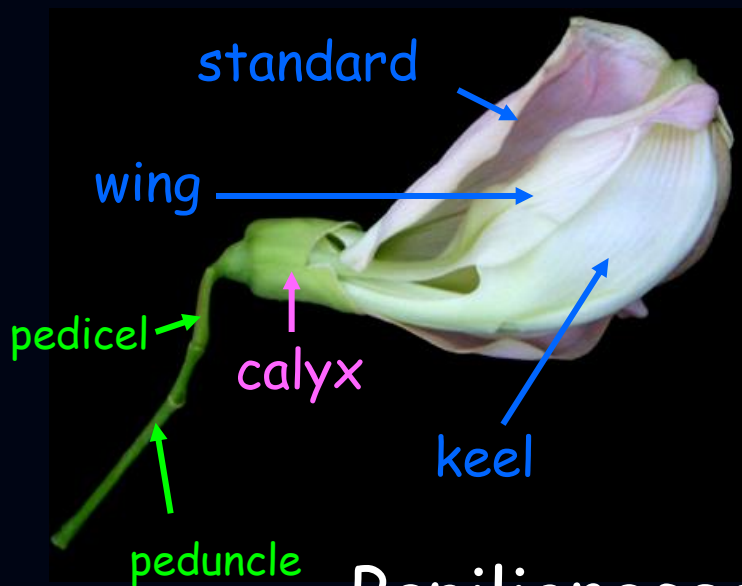
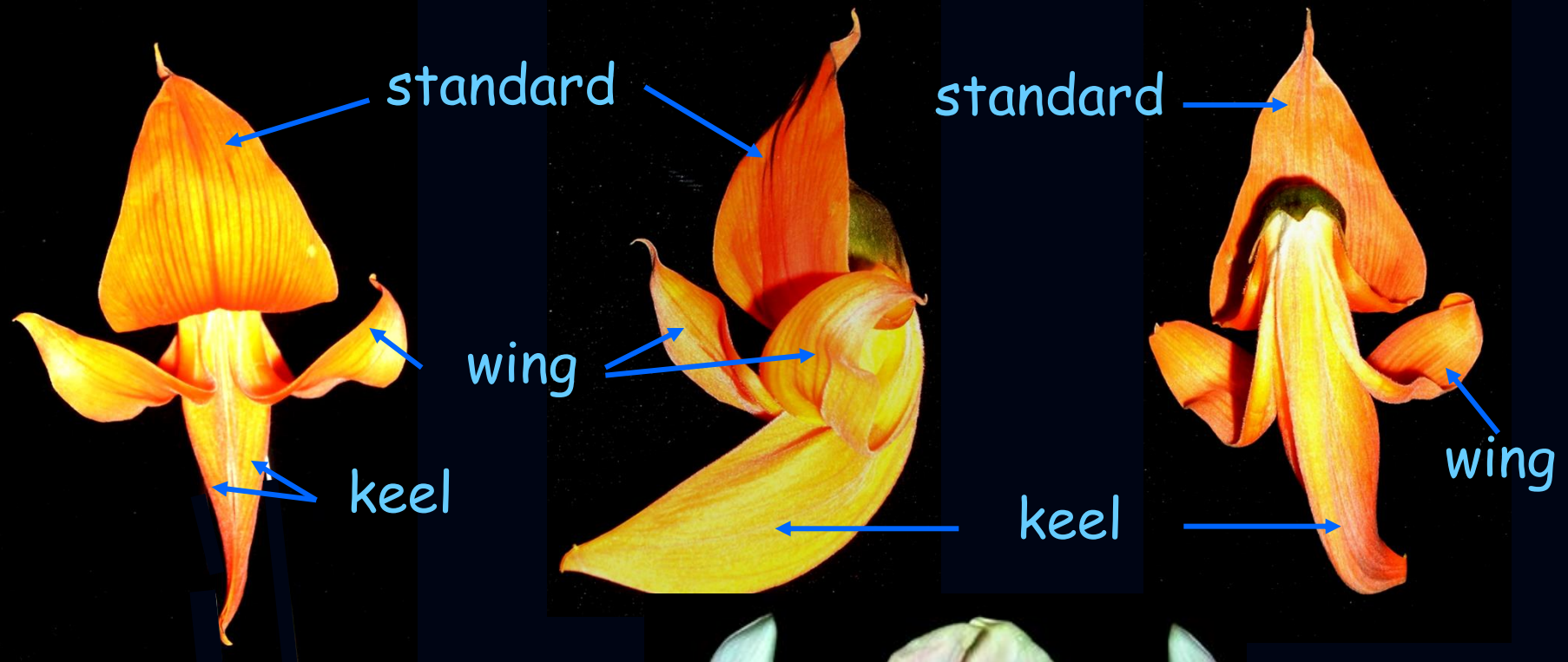
Funnel form,

Urceolate form,

Bilabiate form



Orchidaceous form



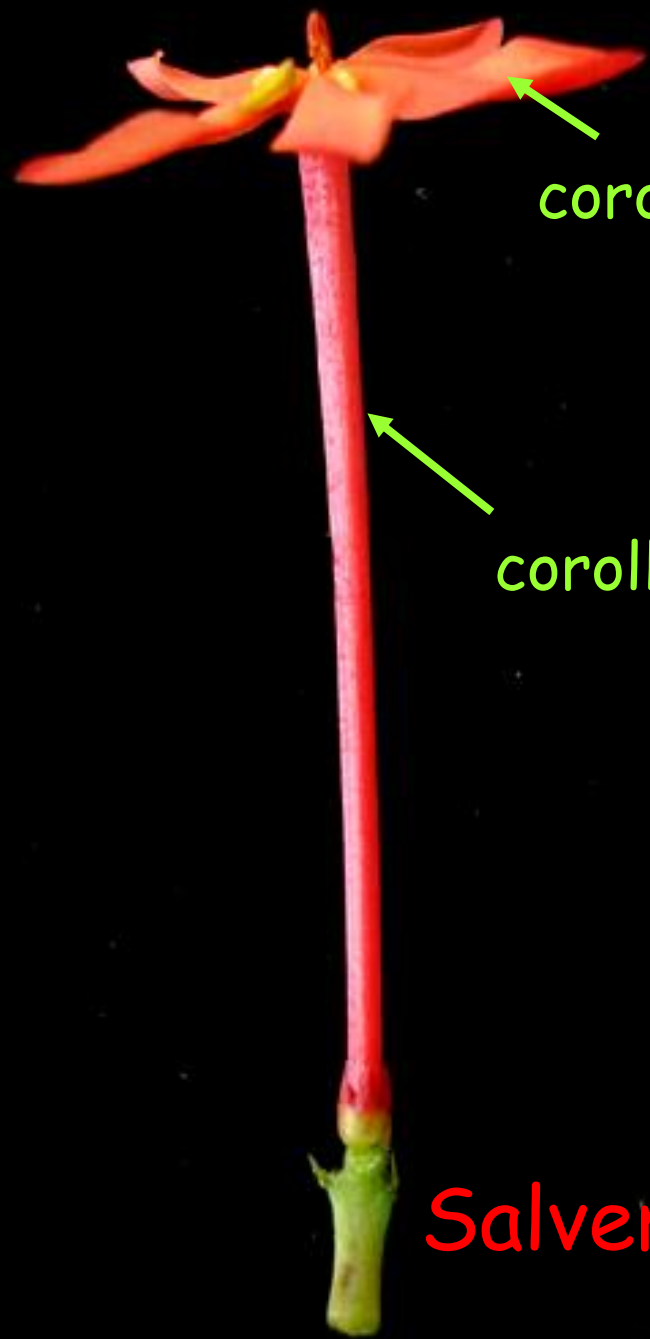
Papilionaceous form



Cruciform

Rotate form





corolla lobe

corolla tube

Salver form



Tubular form



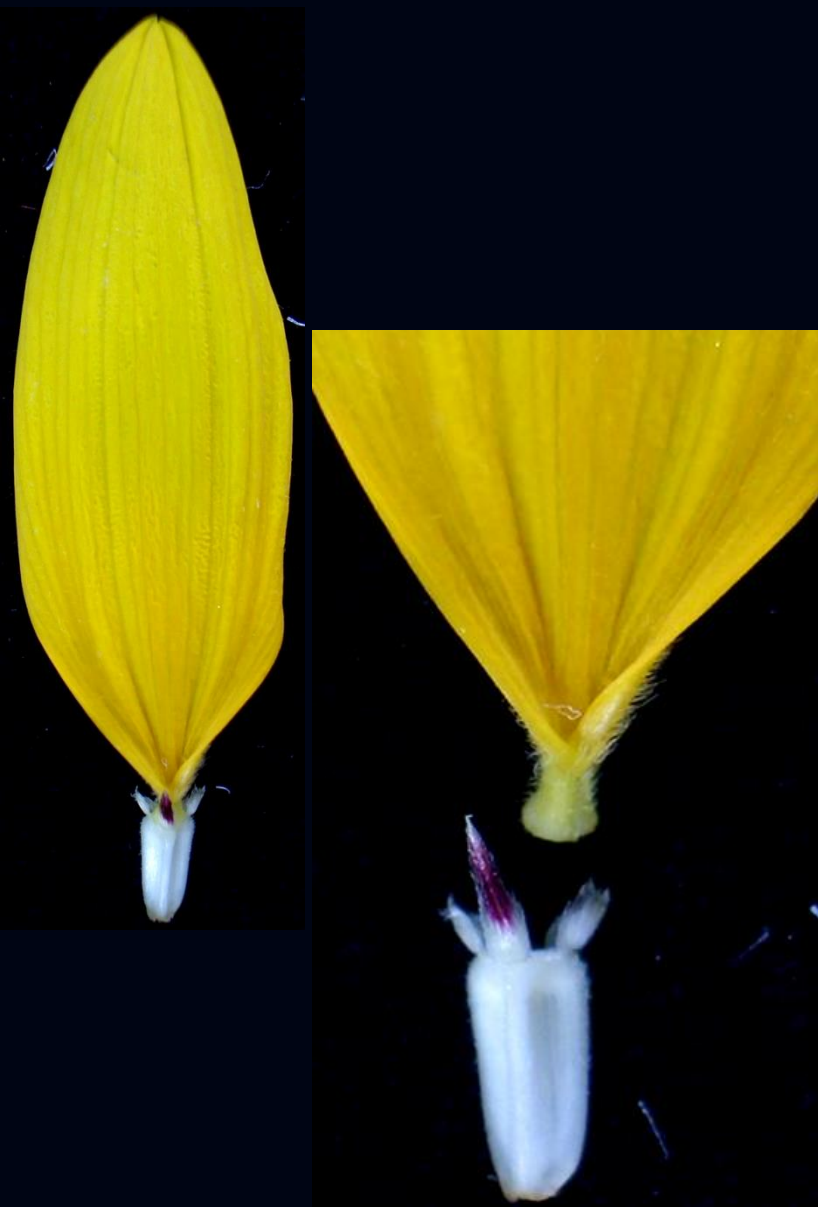
Funnel form



Campanulate form

Urceolate form





Ligulate form



Bilabiate form



valvate



imbricate



AESTIVATION



convolute,
contorted, twisted



vexillary



corona

