

Inorganic flora

## Method of Production

### 制作方法

Step 1 : Reseach of a Plant — 植物の選定

- purchased at the flower shop or picked up on a road

Step 2 : Photo Shooting — 写真

Step 3 : Dissection of a Flower — 植物の解剖

- cutting of a petal, ovary and else with scalpel and observing it using magnifying glass.

Step 4 : Making Sketches — スケッチ

Step 5 : Modeling — 3ds Max でモデリング

- using 3ds Max (3DCG software)

Step 6 : Rendering Separate Parts — 部位別にレンダリング

Step 7 : Creating a Composition — Photoshop で構成

- using Photoshop (2DCG software)

Step 8 : Adding Measurements, Parts' Name, Scientific Name etc. — Illustrator で構成

- using Illustrator (2DCG software)

Step 9 : Framing — 額装

Research of *Commelina communis* L.

*Commelina communis* L. の蒐集



Close-up photos of *Commelina communis* L.

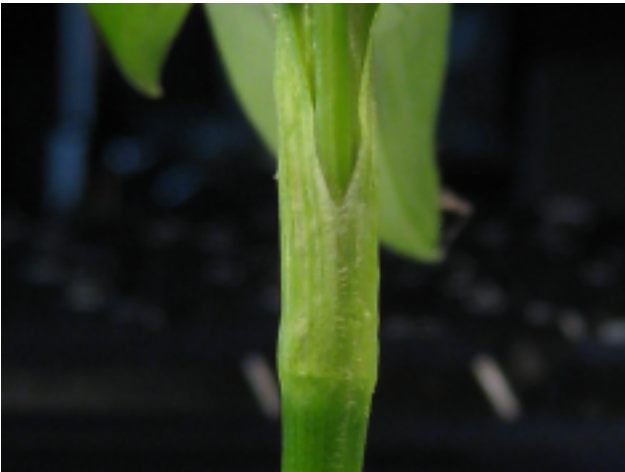
*Commelina communis* L. の近接撮影



upper front view



side view



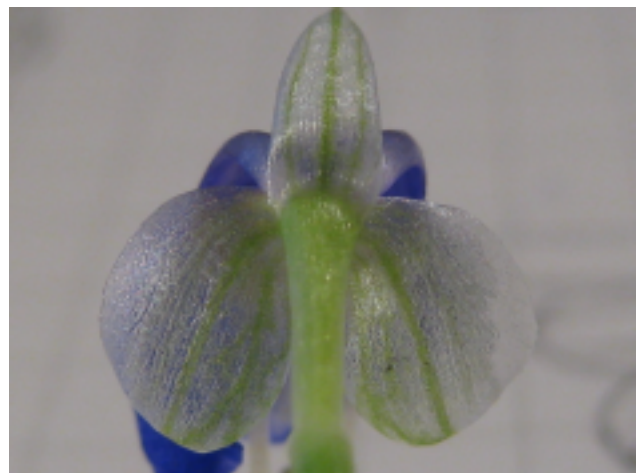
lower front view



petiole and stem



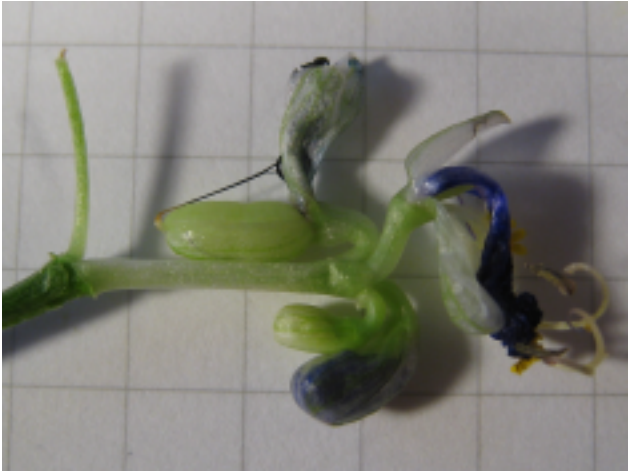
joint of spathe



calyx and lower petal

Dissection of *Commelina communis* L.

*Commelina communis* L. の解剖



inside of spathe



joint of petiole



inside of bud i



inside of bud ii



specimen preserved in alcohol



stamen and pistil

# Tools

解剖に使用する道具



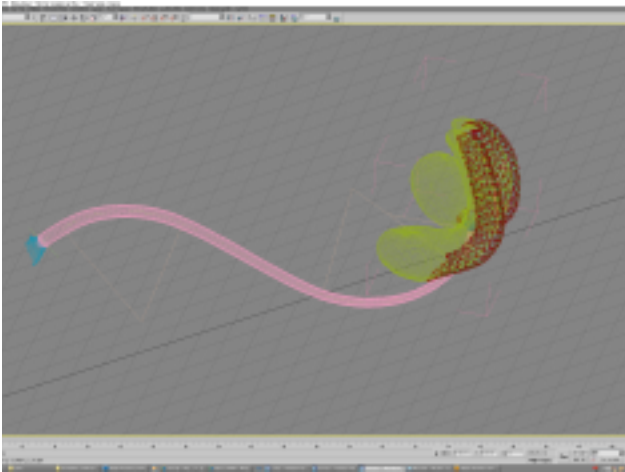
Digital Vernier scale



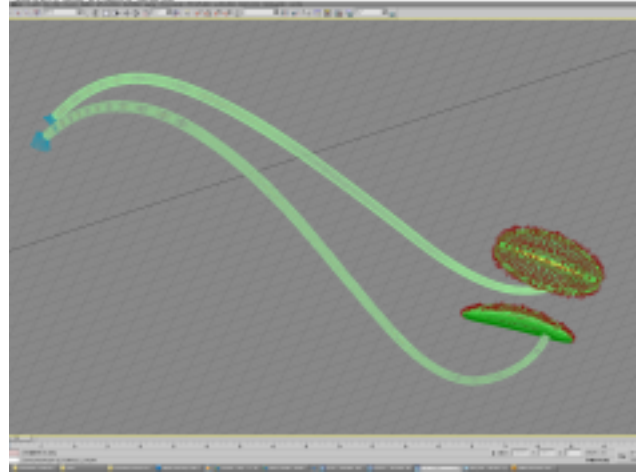
Stereo microscope

Modeling of *Commelina communis* L.

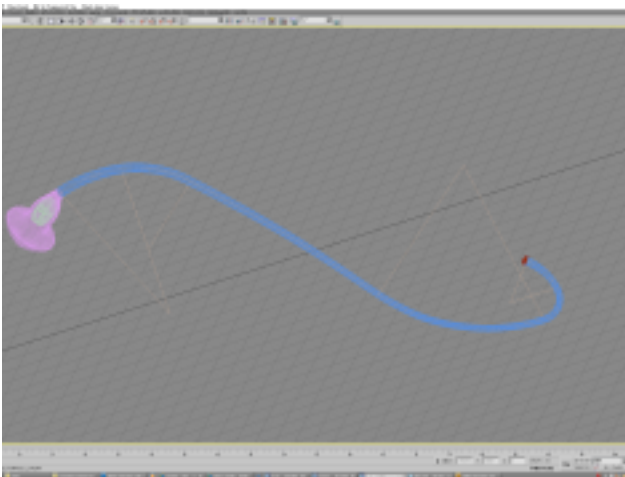
*Commelina communis* L. のモデリング画像



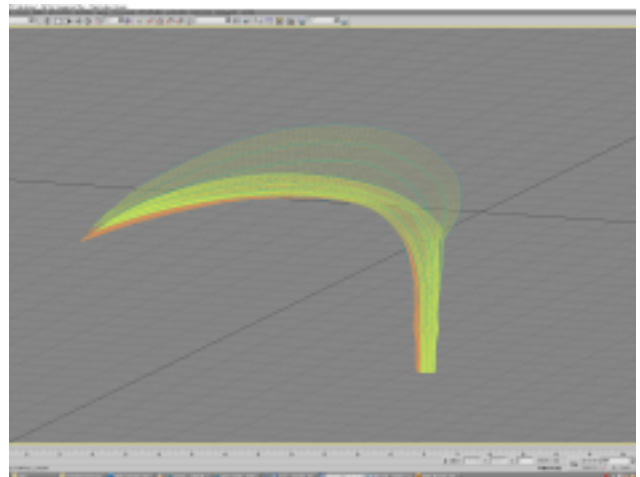
stamen



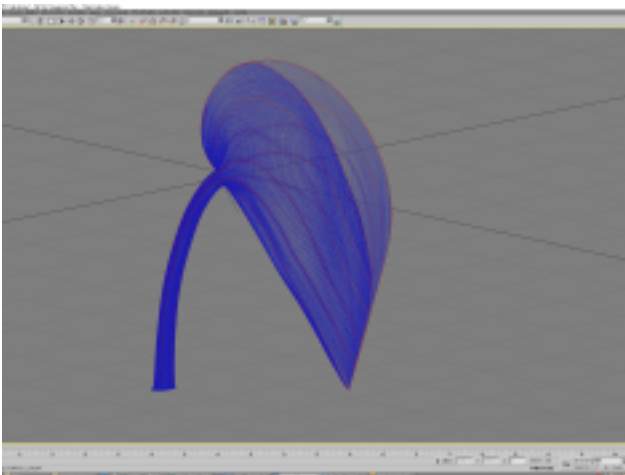
pararell stamen



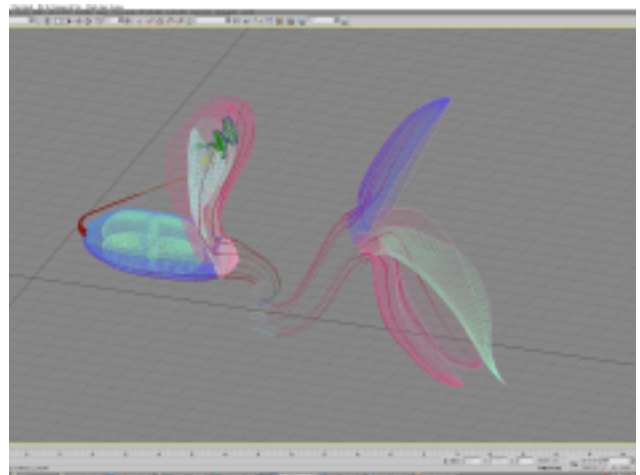
pistil



leaf



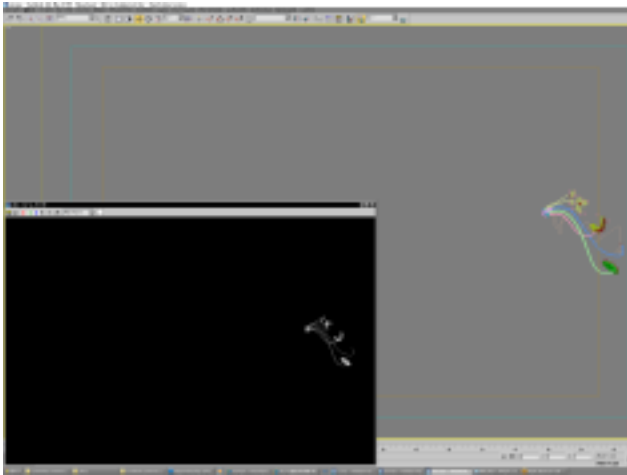
spathe



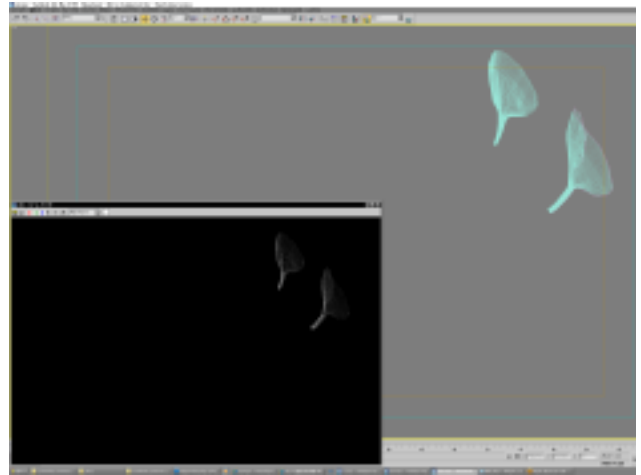
calyx, lower petal and etc.

Rendering of *Commelina communis* L.

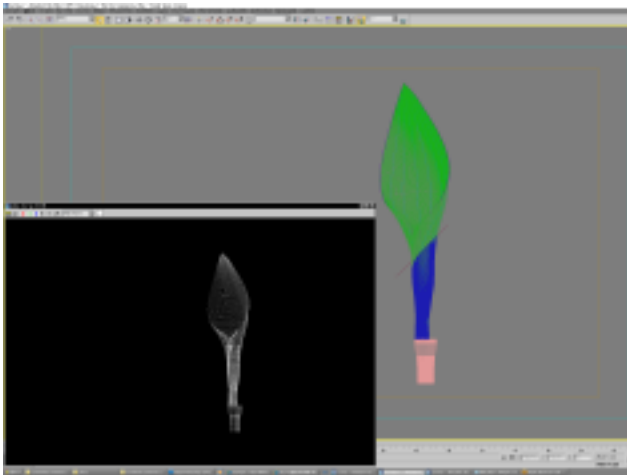
*Commelina communis* L. のレンダリング画像



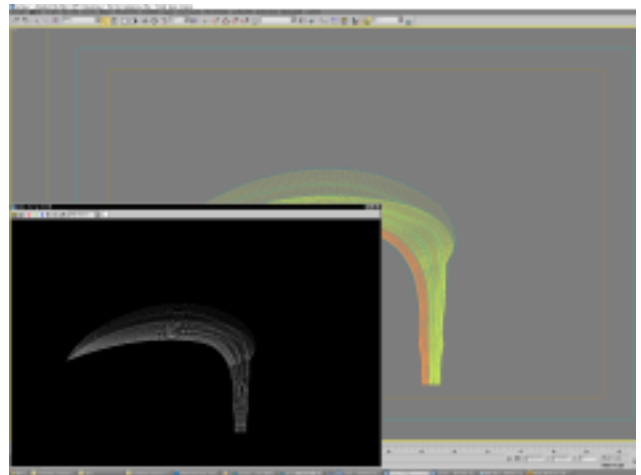
stamen, pistil and etc.



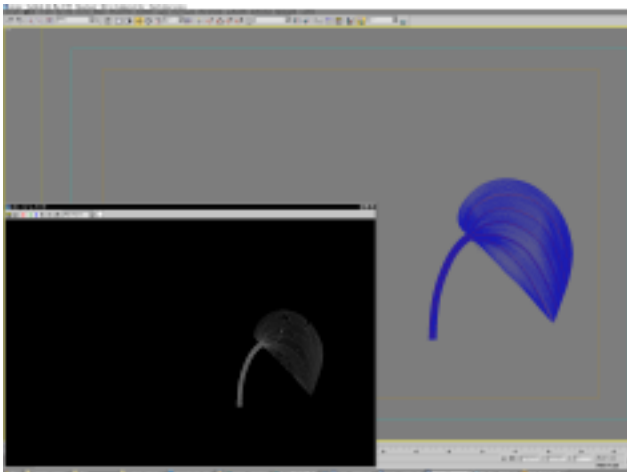
upper petal



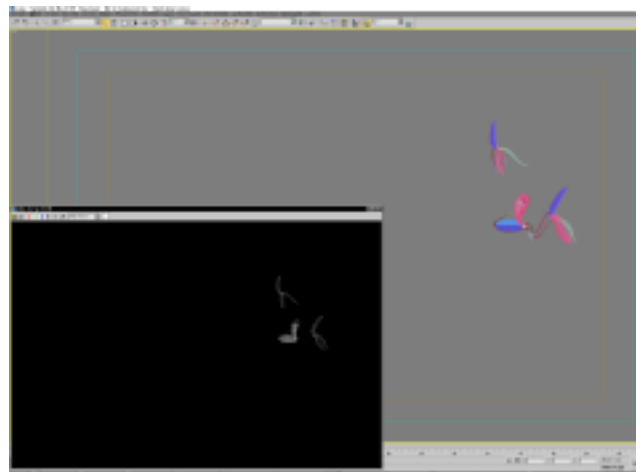
leaf, petiole and etc.



leaf



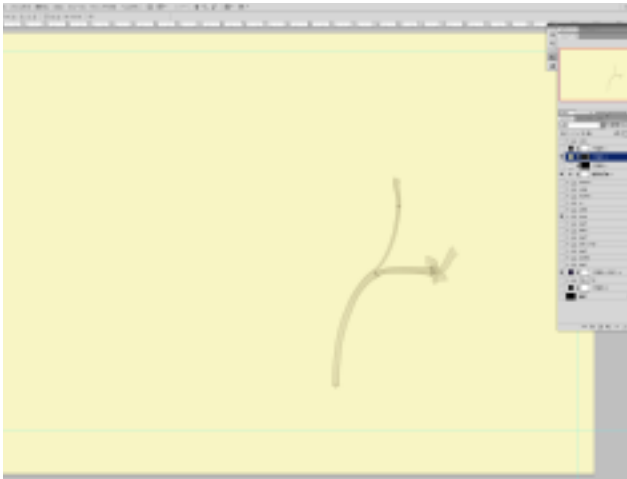
spathe



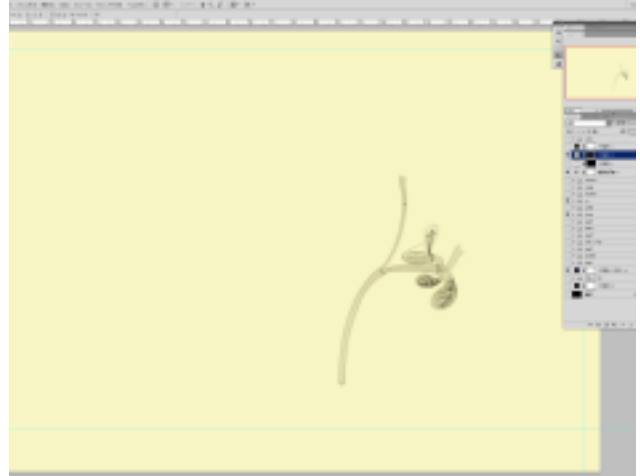
calyx, lower petal and etc.

# Composition of *Commelina communis* L.

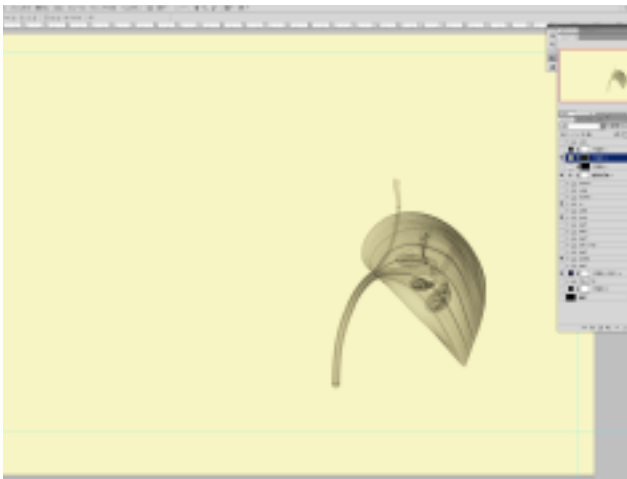
*Commelina communis* L. の構成 (Photoshop)



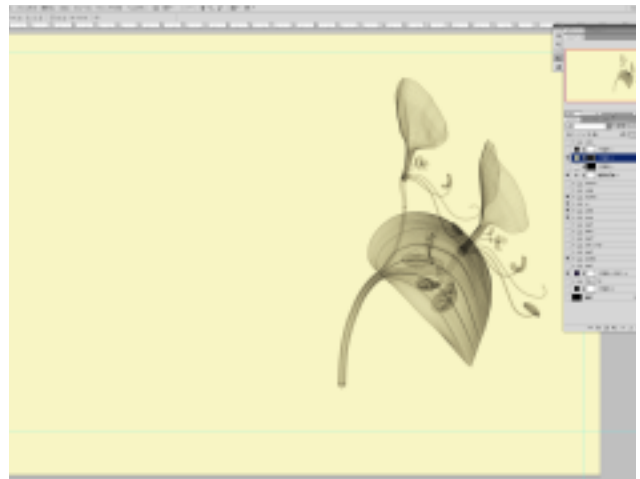
① : stem



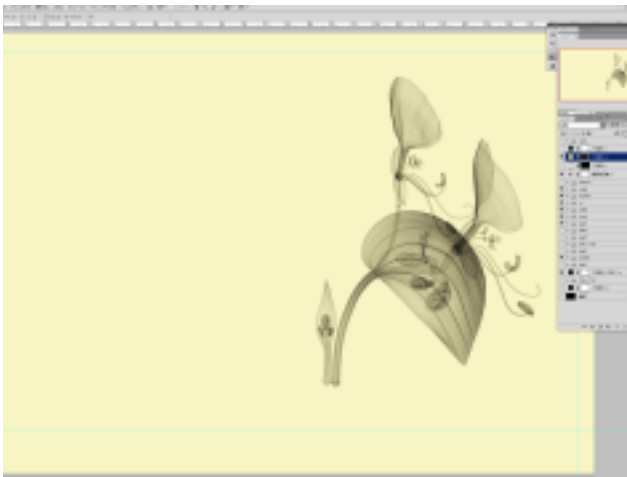
② : ① + bud + seed



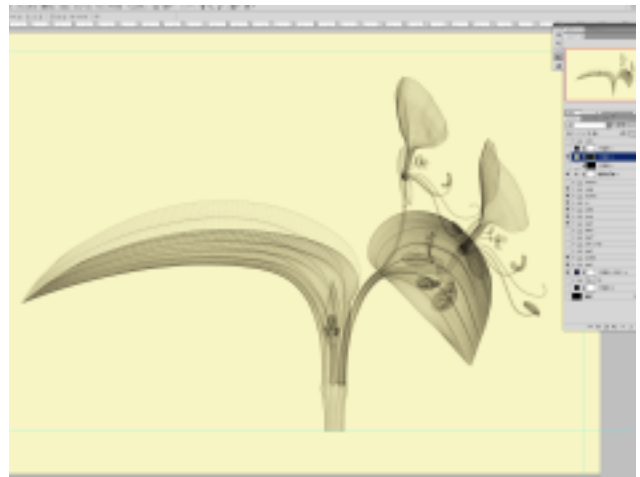
③ : ② + spathe



④ : ③ + upper petal + ...



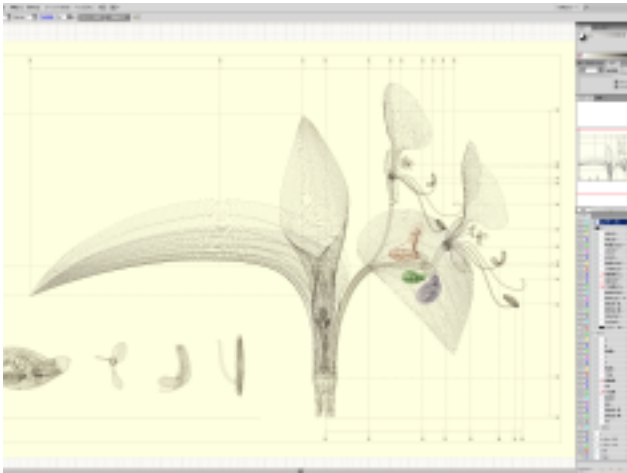
⑤ : ④ + calyx + lower petal + ...



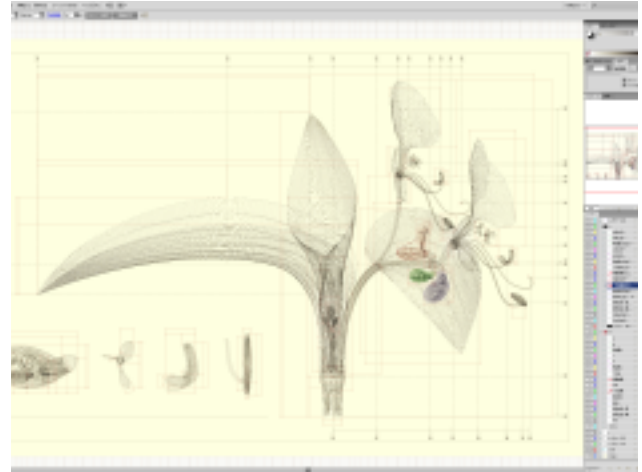
⑥ : ⑤ + leaf + ...

# Adding Measurements of *Commelina communis* L.

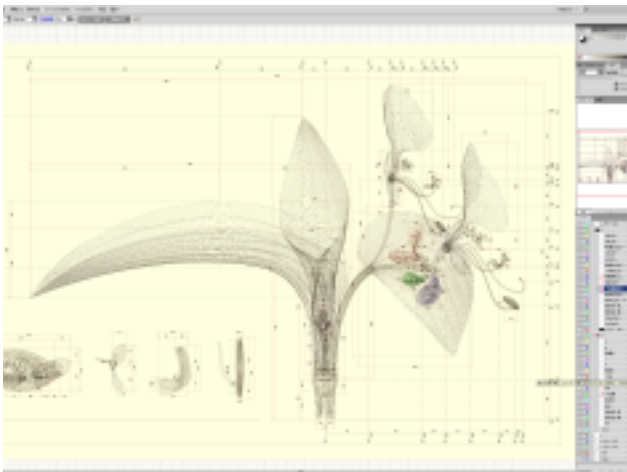
*Commelina communis* L. の構成 (Illustrator)



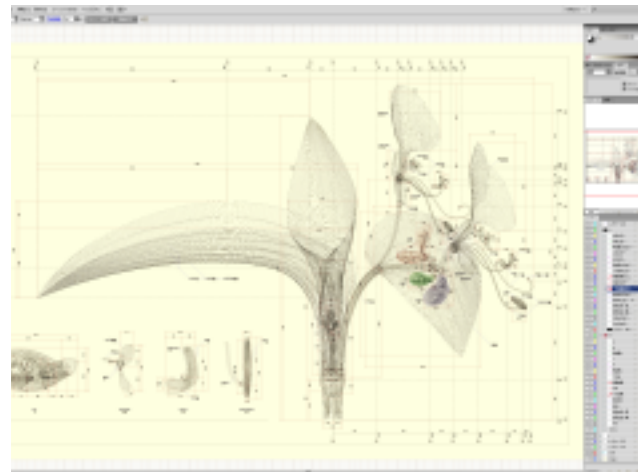
① : reference line + ...



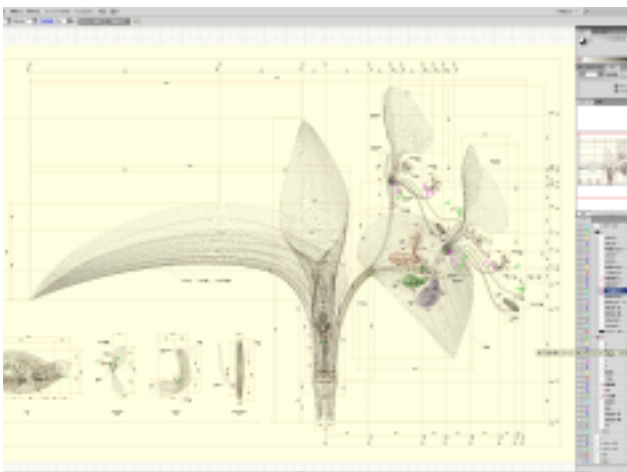
② : ① + dimension line + ...



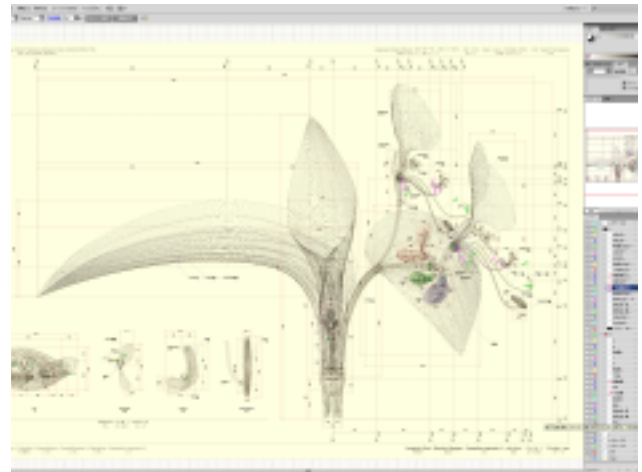
③ : ② + measure



④ : ③ + parts name + ...



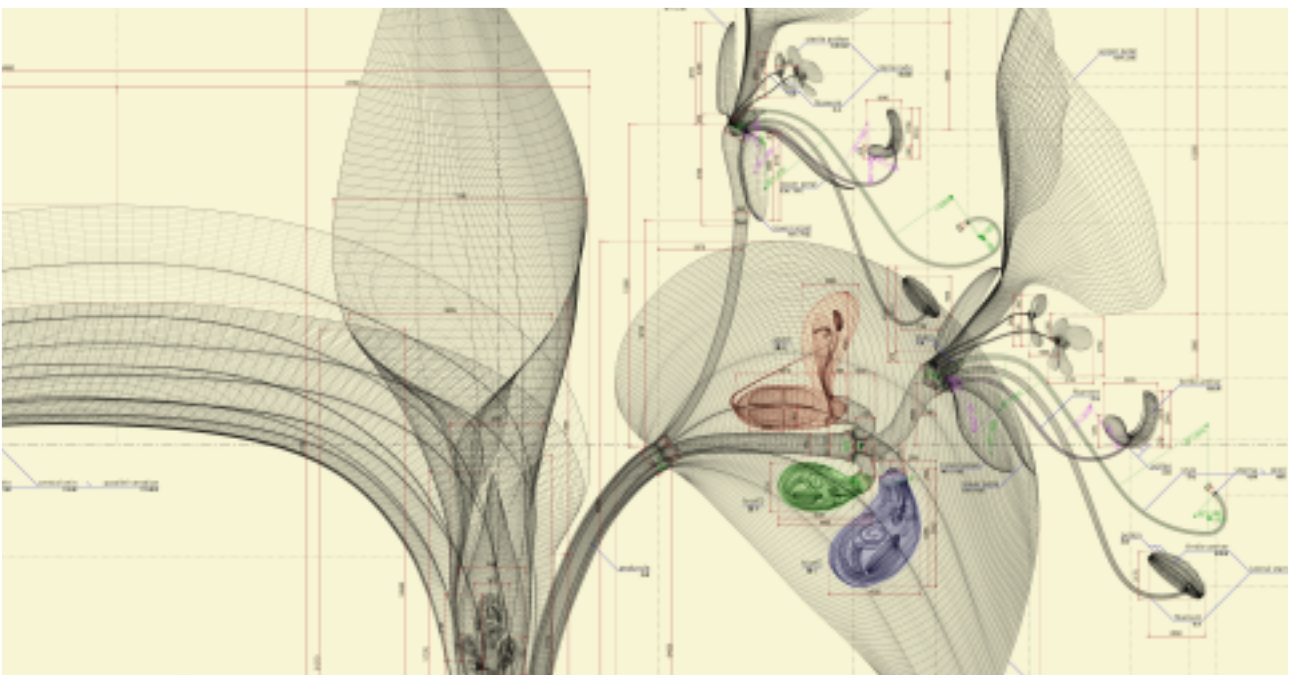
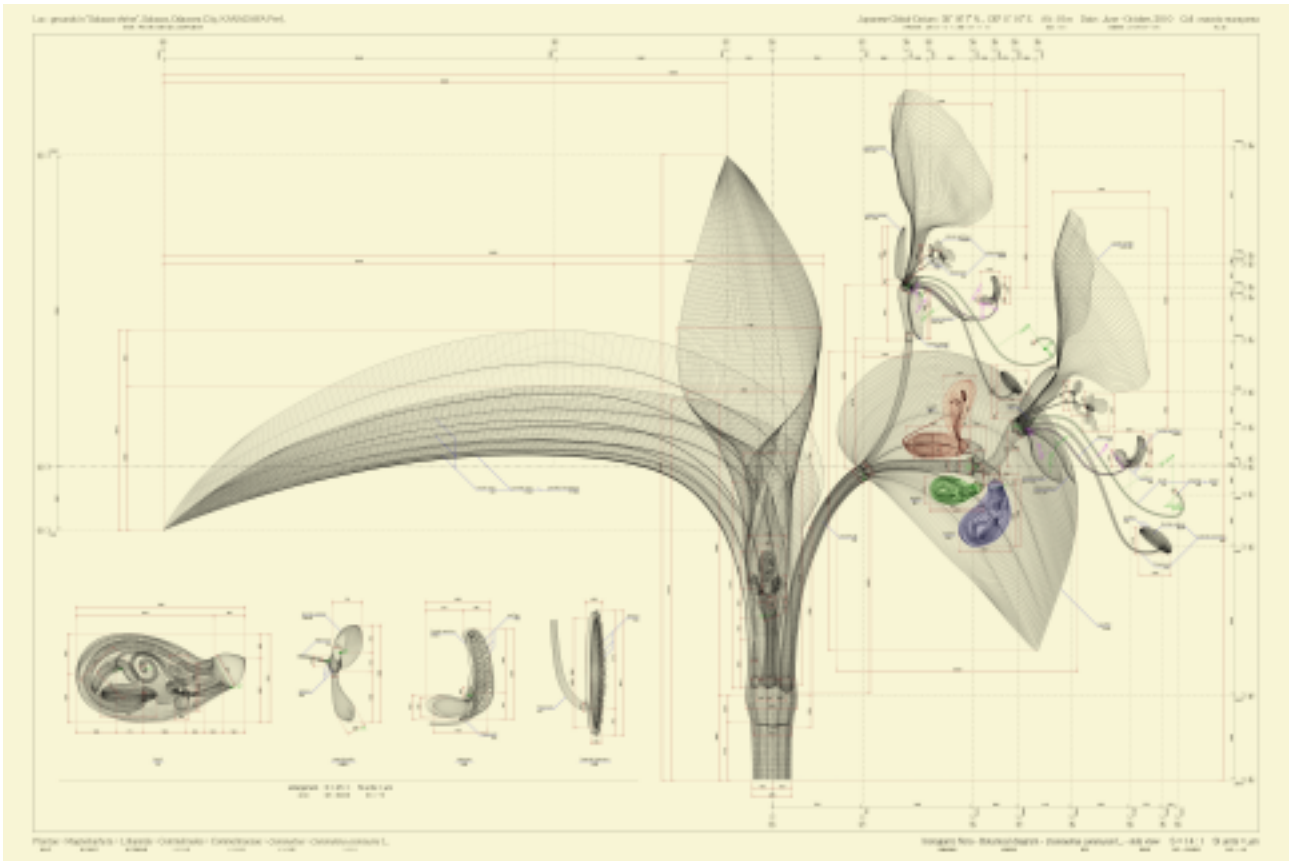
⑤ : ④ + angles + ...



⑥ : ⑤ + scientific name + ...

*Commelina communis* L. - side view - ow

*Commelina communis* L. - 側面図



Framing of *Commelina communis* L.

*Commelina communis* L. の額装



Basis of my thinking is

*“for the delight of the eyes and the mind in observing plants.”*