

# Estratos de vegetação

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# Árvores

## . Porte

pequeno 4 a 6m

médio 6 a 10m

grande > 10m

## . Estágio sucessional

pioneiras

secundárias

climáticas

*Erythrina velutina* - Suinã



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*Androanthus chrysotricus* –  
Ipê-amarelo



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*Caesalpinia leyostachia* -  
Pau-ferro



# Árvores

. Forma da copa

horizontal

vertical / colunar

esférica

semi-esférica

Cônica

Cálice



# Árvores

. Sombra

rala

média

densa

. Perenidade

perene

semidecídua

decídua



# Árvores

## . Raízes

pivotantes

superficiais



# Palmeiras

## . Porte

baixo 0,3 a 3m

médio 3 a 10m

grande > 10m



# Palmeiras

. Folha

leque

composta

. Fuste

único

múltiplo



# Arbustos

. Lenhoso

. Semi-lenhoso



# Herbáceas

## . Porte

forração      0,05 a 0,5m

baixo         0,5 a 1,5m

alto            > 1,5m



# Trepadeiras

- . Lenhosa
- . Semi-lenhosa
- . herbácea



# Palustres e aquáticas [herbáceas]

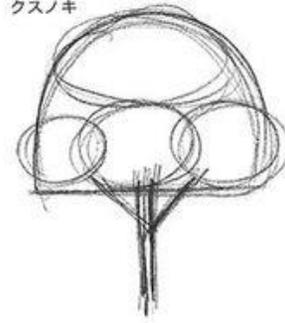
- . Raízes fixas
- . Raízes flutuantes



# Desenhando a vegetação

## ■ 樹木の形状の取り方(高木) ■

クスノキ



① 大まかな葉の固まりをとらえる。

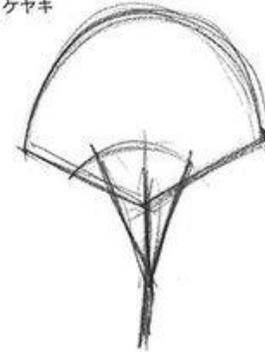


② 葉のタッチを描き込む。

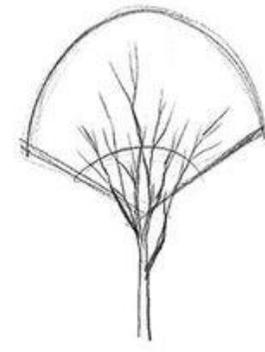


③ 細かいタッチと陰を表現する。

ケヤキ



① 樹形をとらえる。

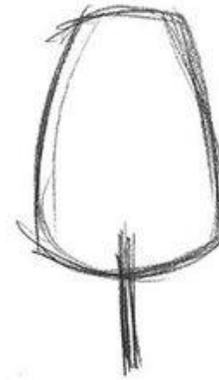


② 幹と枝を描き込む。

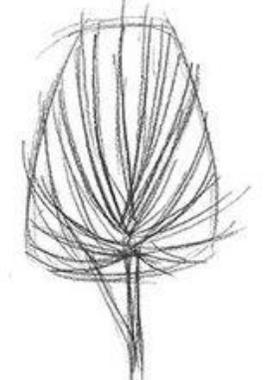


③ 葉を描き込む。

トウカエデ



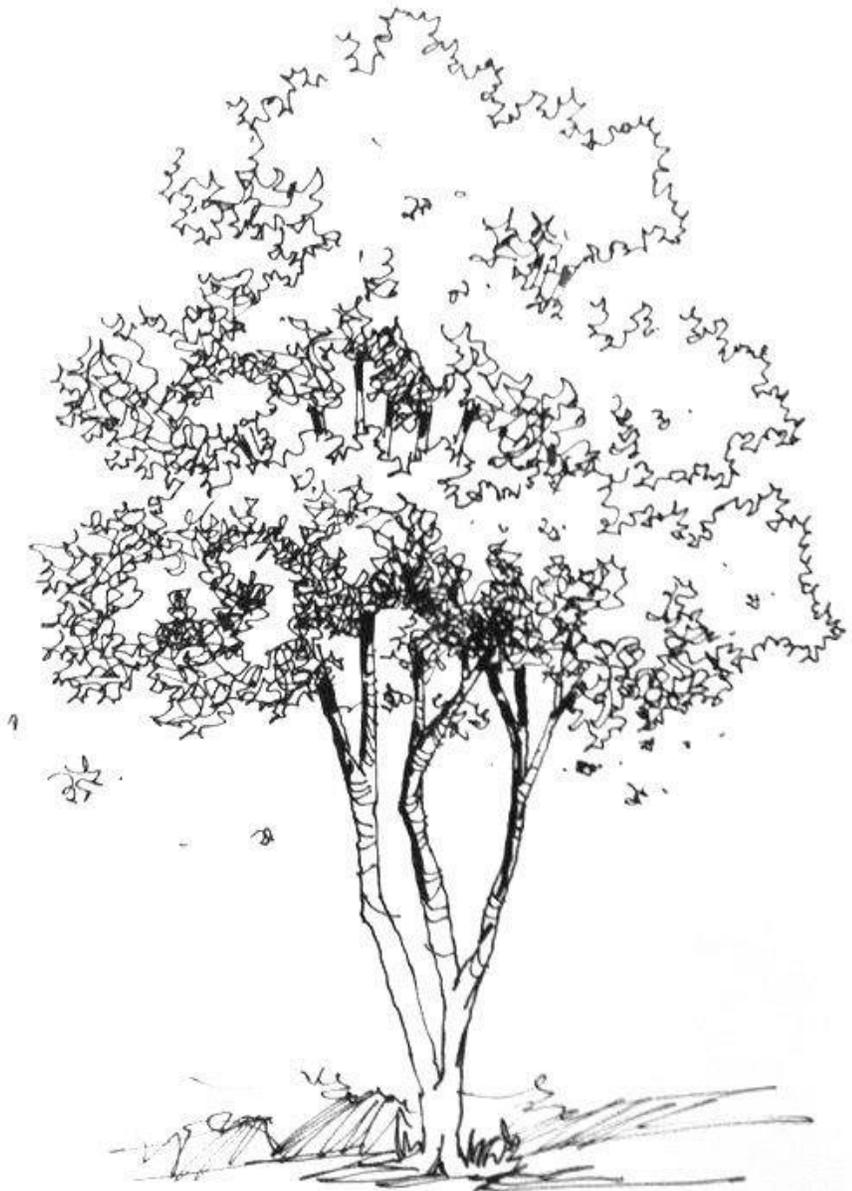
① 樹形をとらえる。

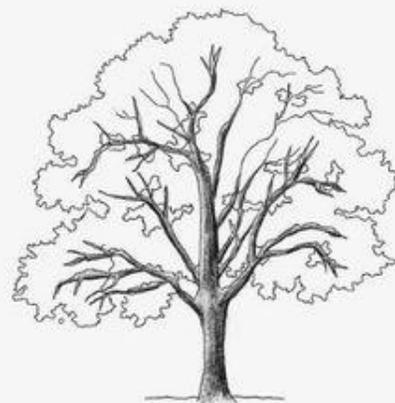
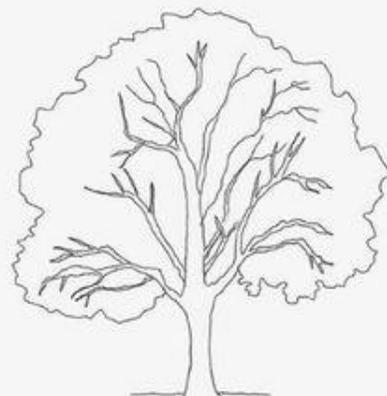
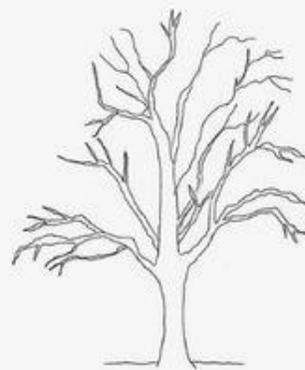
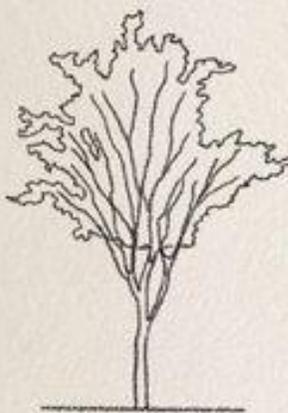
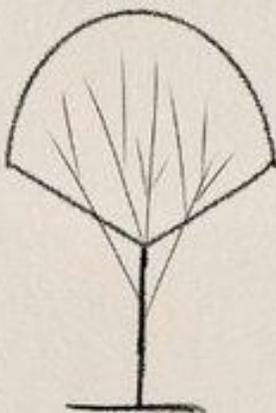
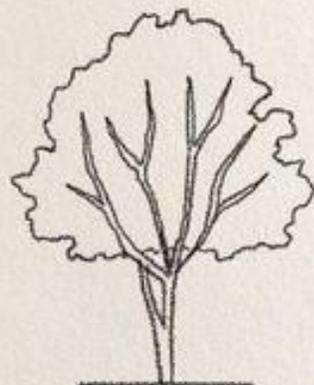
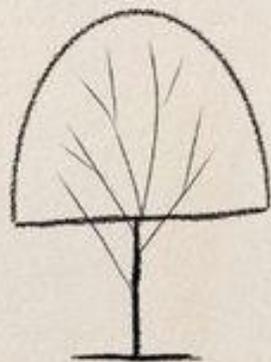


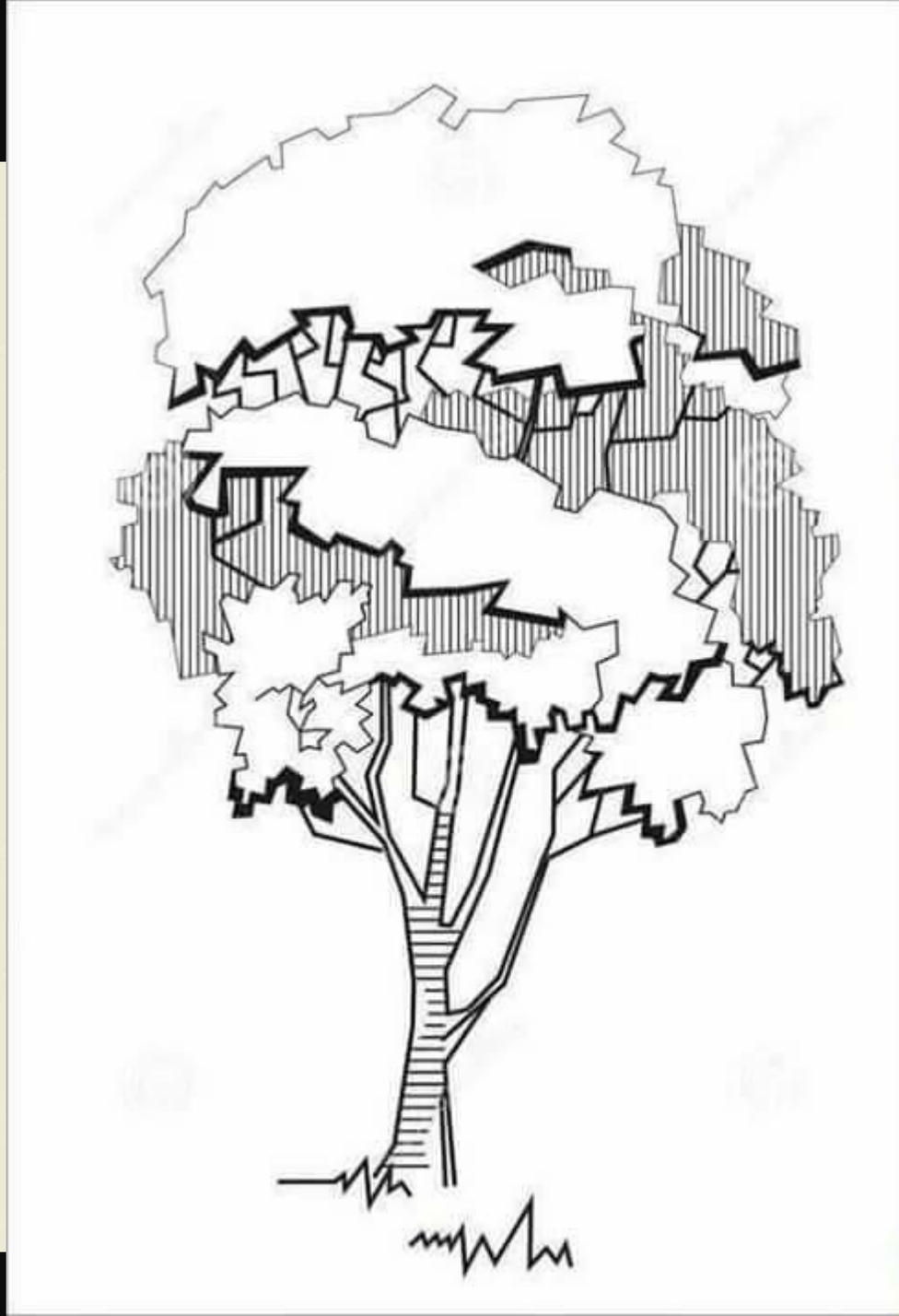
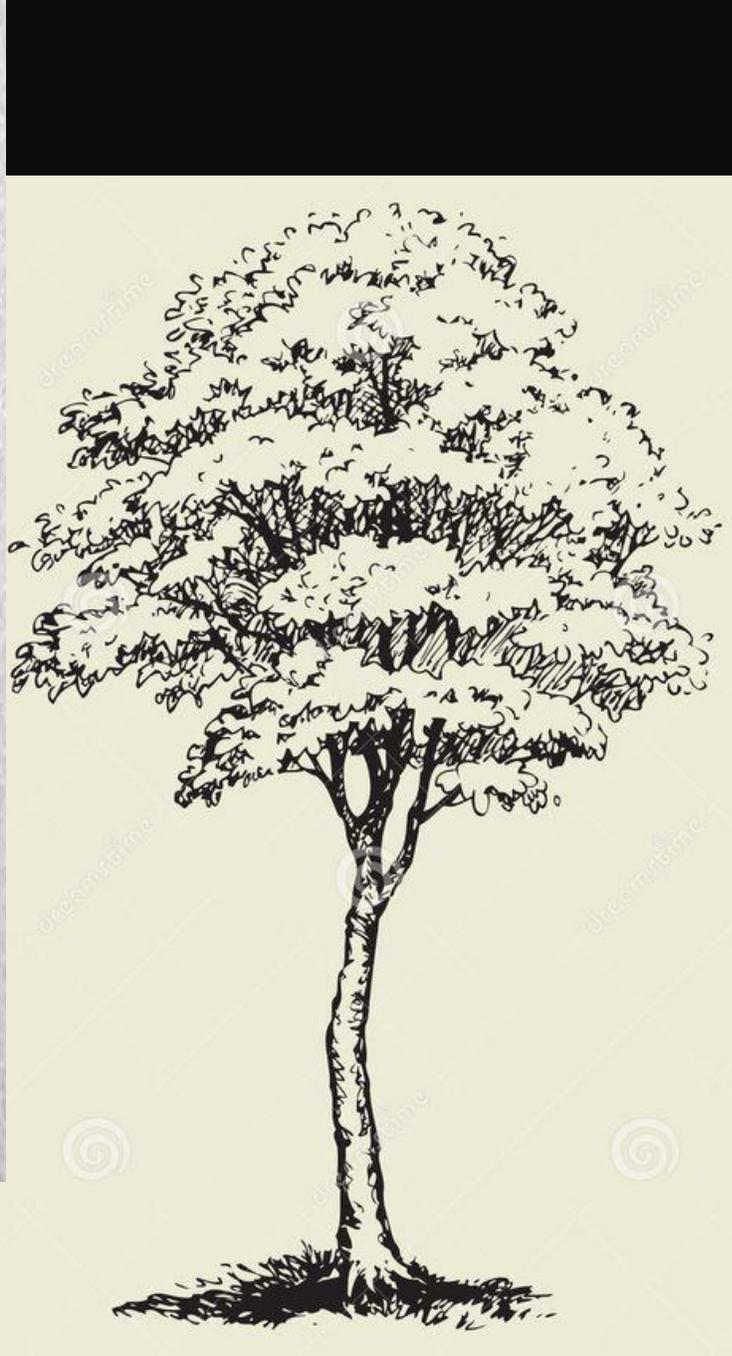
② 枝の動きをとらえる。

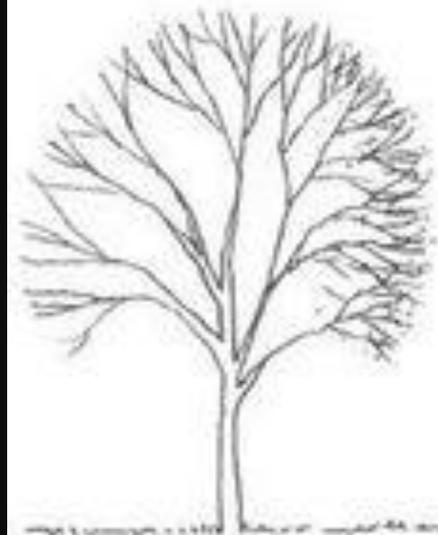
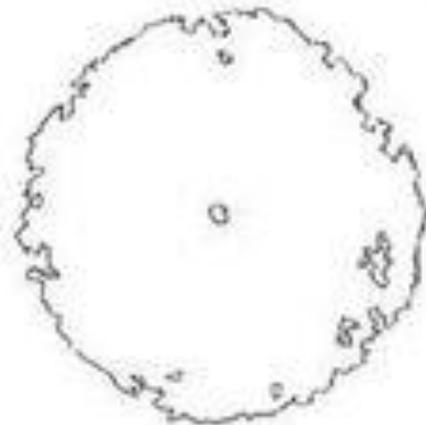
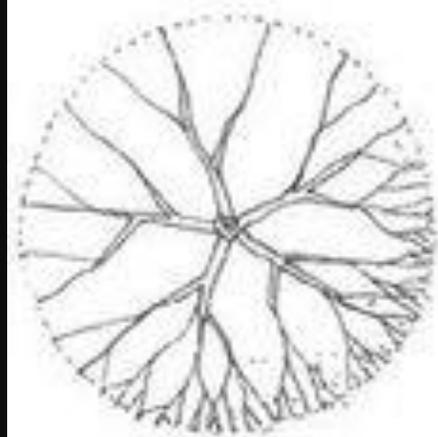


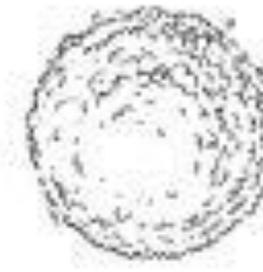
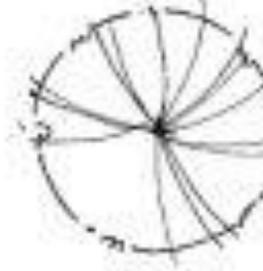
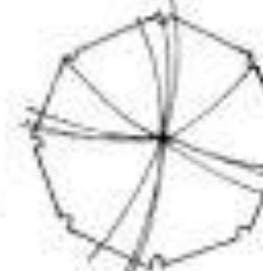
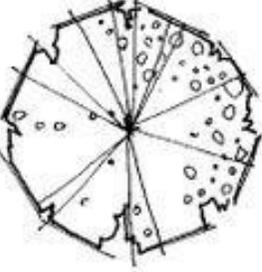
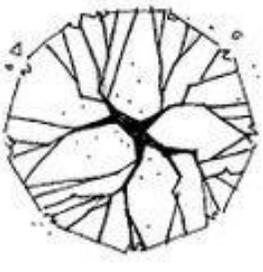
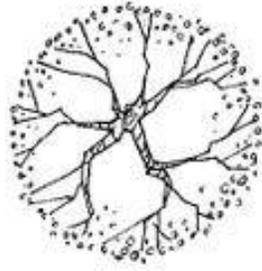
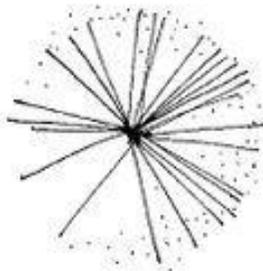
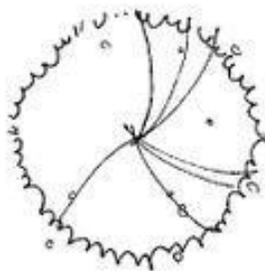
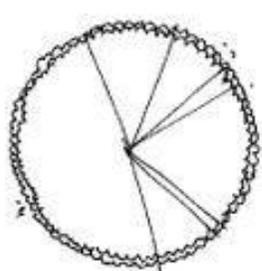
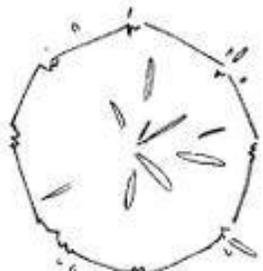
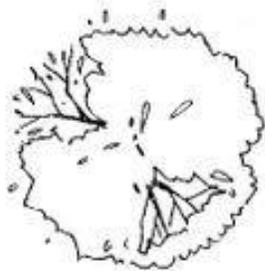
③ 葉を描き込む。

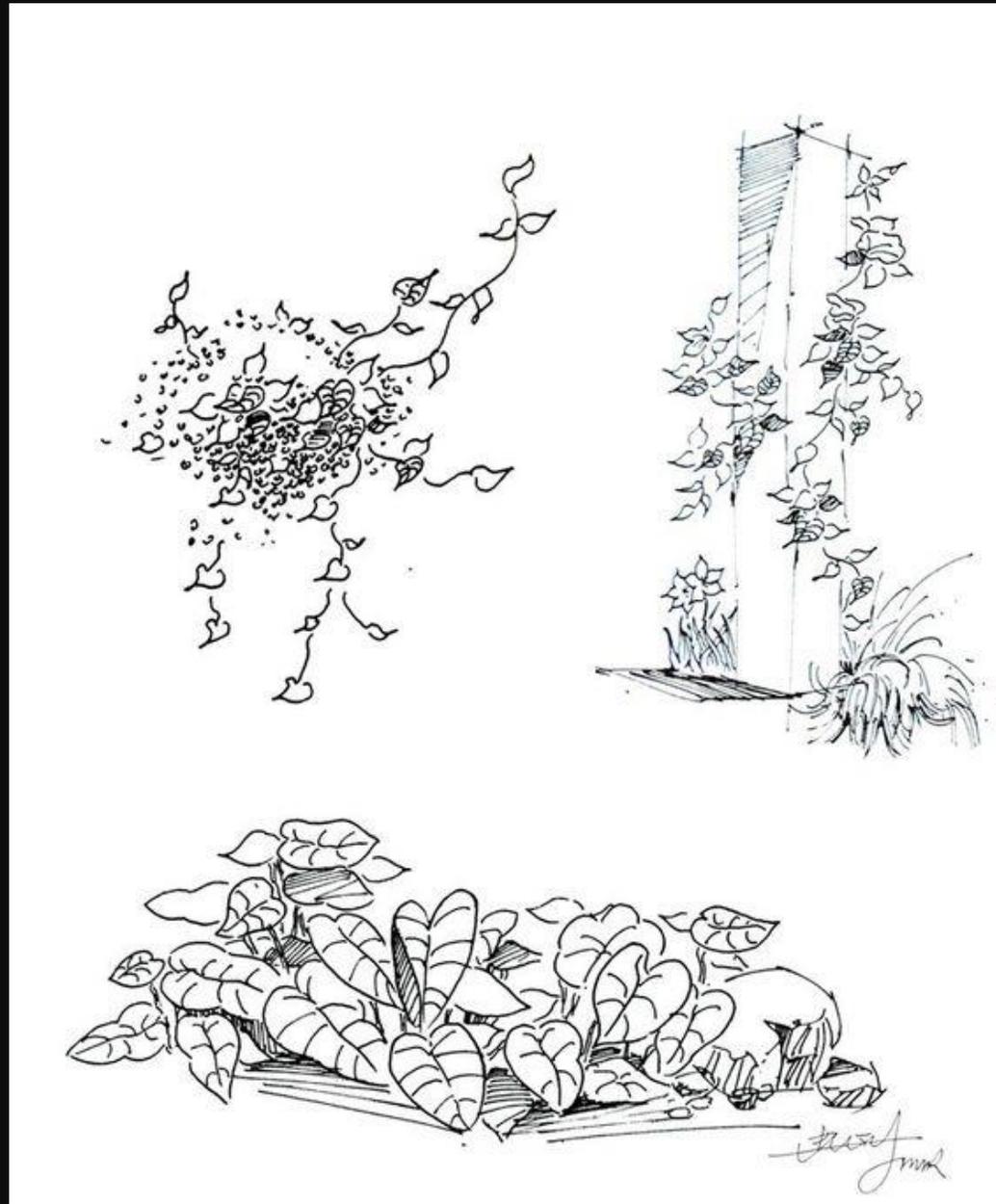
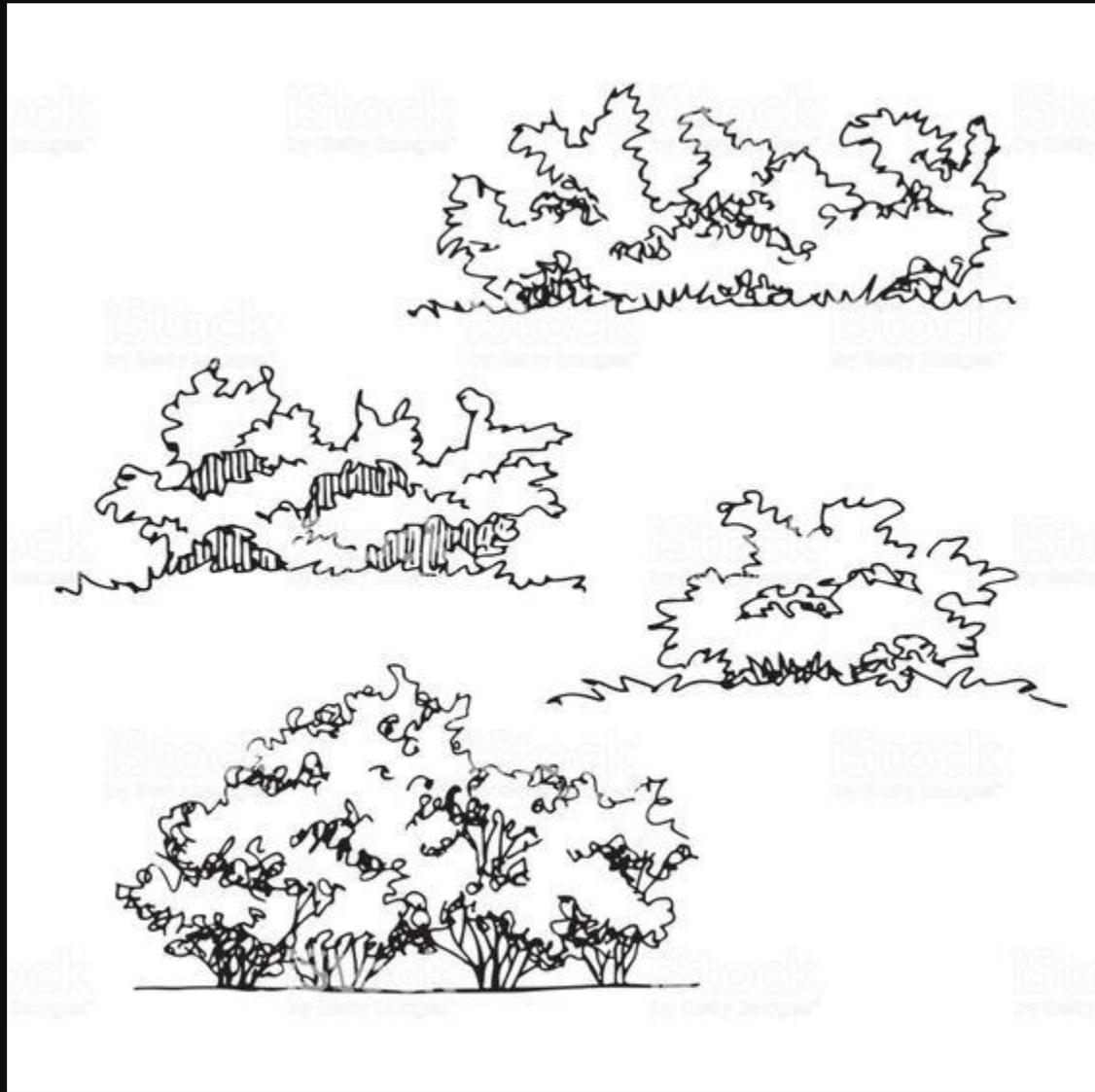


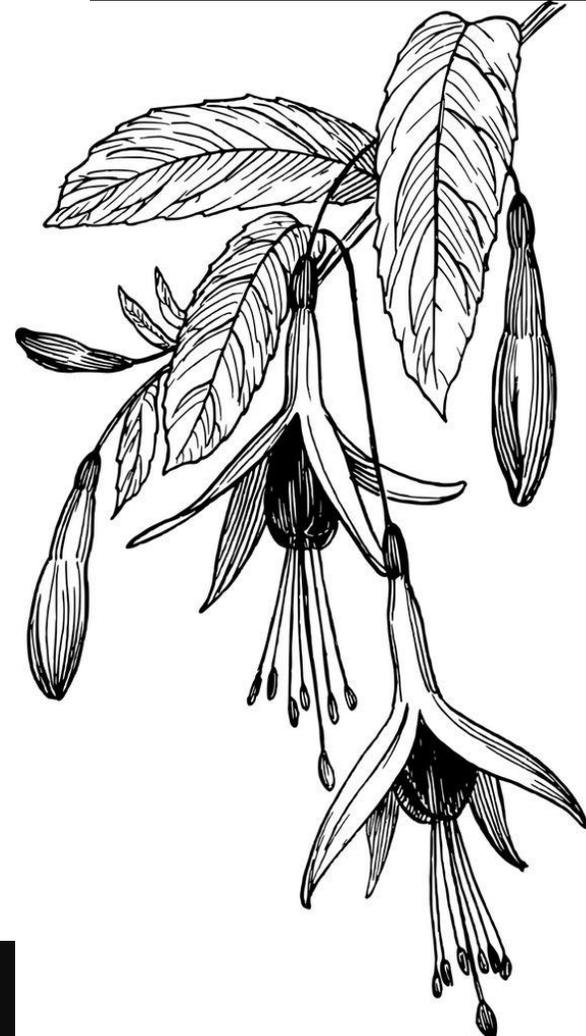












# Exercício 2

- Em tamanho A4 desenhar a vista frontal e de topo:
  - Duas árvores
  - Uma palmeira
  - Um arbusto
  - Uma herbácea de porte arbustivo
  - Uma forração [menos grama pisoteável]
- Na vista frontal inserir escala humana
- Em tamanho A4, um desenho em cada folha
- Indicar a escala adotada e incluir escala gráfica