

House Plant Handbook

River Carley

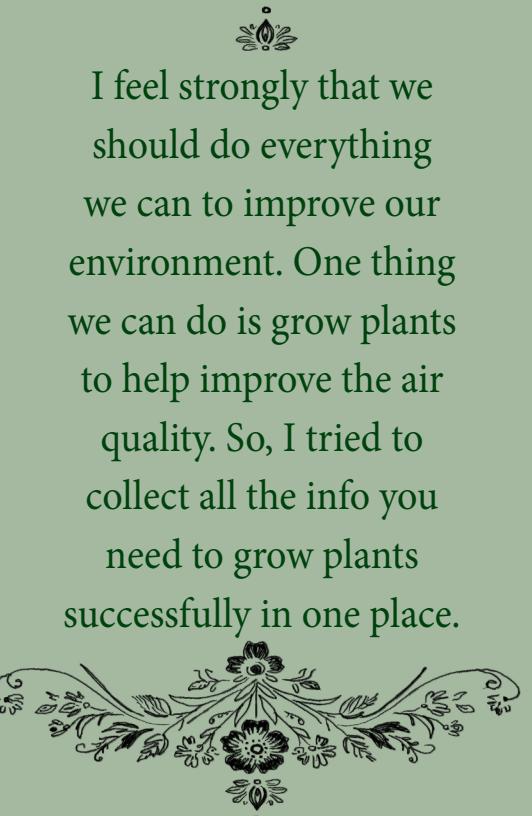
The House Plant Handbook

River Carley





This book is designed as a guide about house plants and their care.

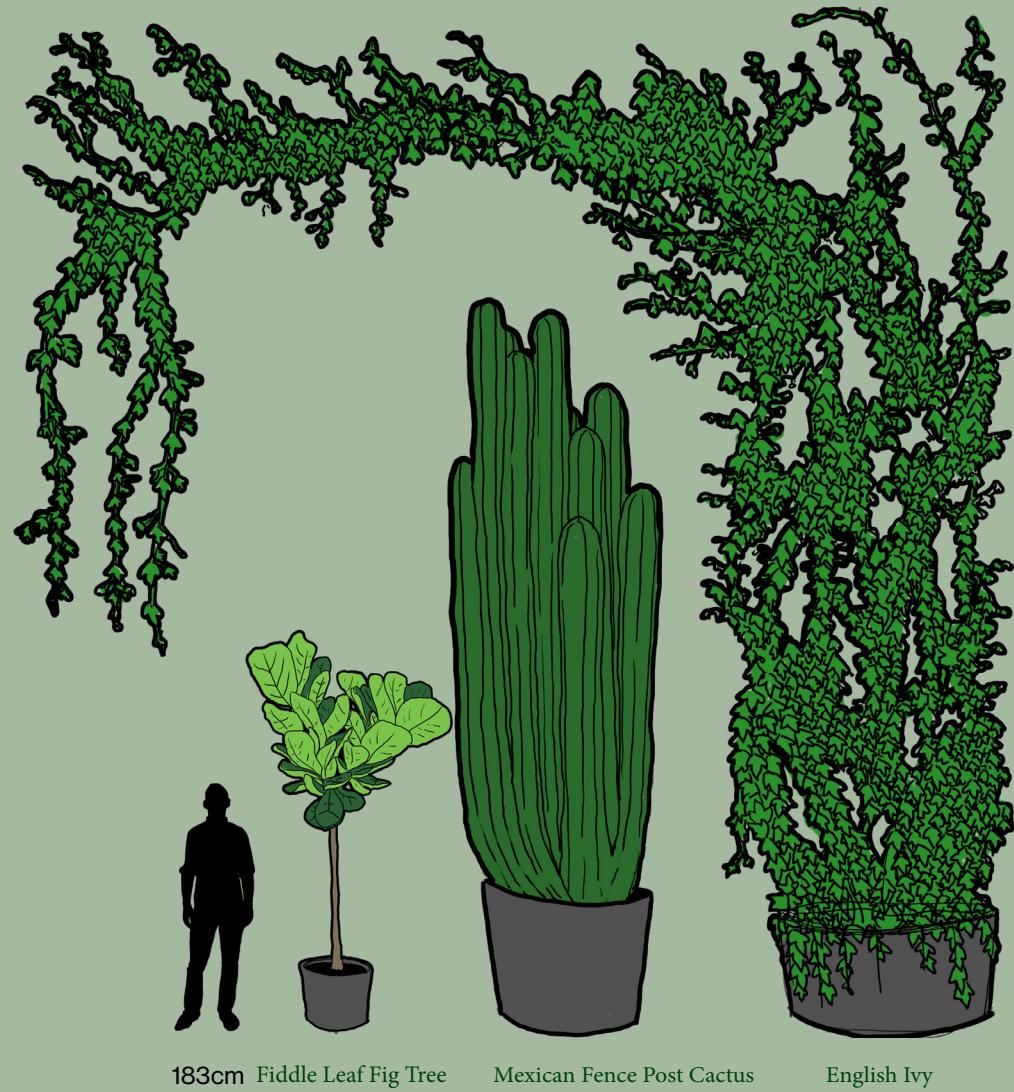
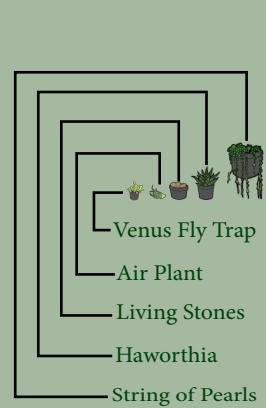


I feel strongly that we should do everything we can to improve our environment. One thing we can do is grow plants to help improve the air quality. So, I tried to collect all the info you need to grow plants successfully in one place.

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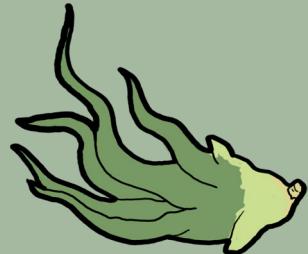
Comparative Scale of Mature House Plants



Pet Toxicity Guide

Pet Friendly

Air Plant



Venus Fly Trap



Pitcher Plant



Haworthia



Boston Fern



Spider Plant

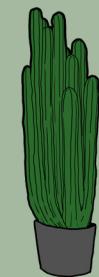


Pet Cautious

Snake Plant



Mexican Fence Post Cactus



Sago Palm



Fiddle Leaf Fig Tree



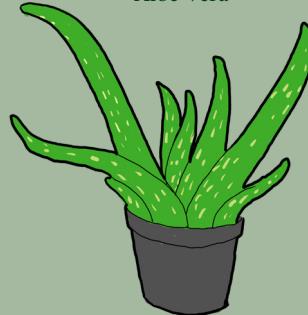
English Ivy



Mandevilla



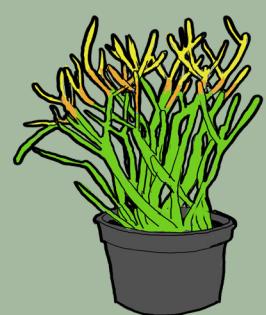
Aloe Vera



Shamrock

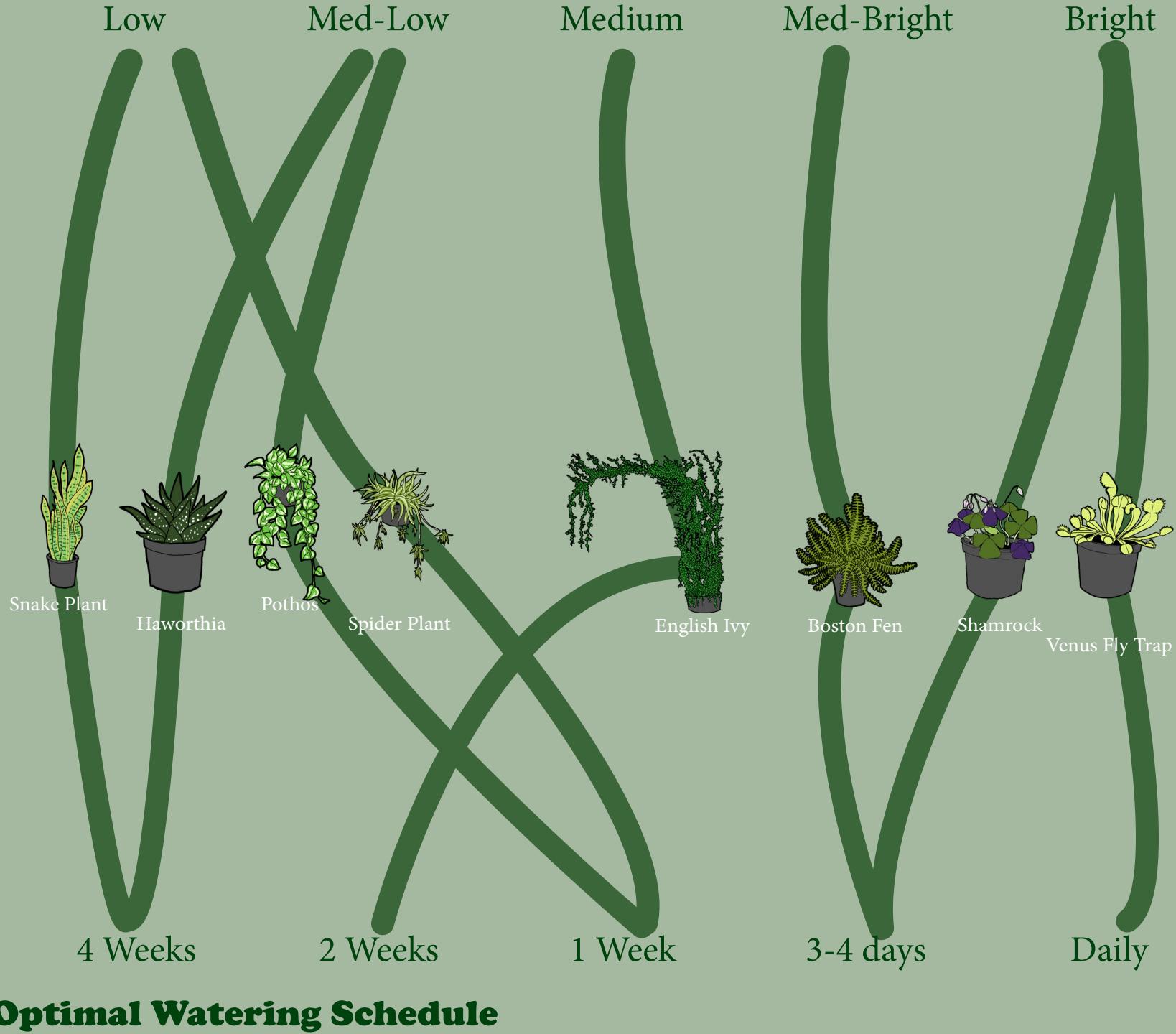


Pencil Cactus



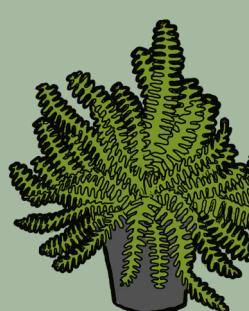
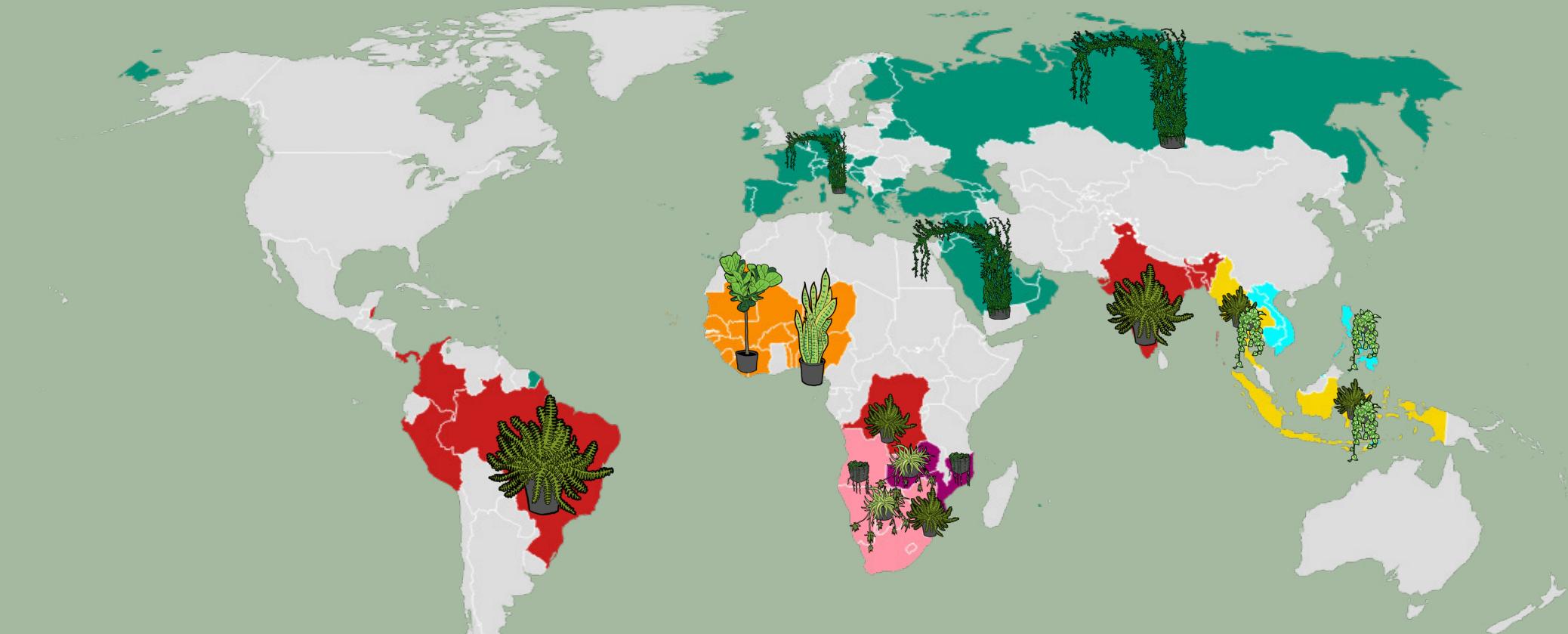
Optimal Light and Water Level for House Plants

Optimal Light Level



Optimal Watering Schedule

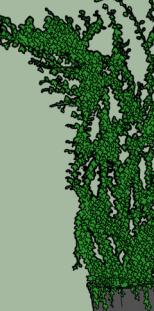
Country of Origin of Common House Plants



Boston Fern



Fiddle Leaf Fig



English Ivy



Snake Plant



String of Pearls



Spider Plant



Pothos

Common House Plant Pests



Thrips

Thrips are tiny, slender insects with fringed wings. They leave behind small patches on plants, visible net-like patterns.

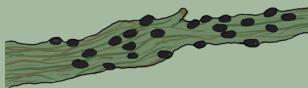
Treatment: insecticide soap and removing leaves that have been affected works well.



Spider Mites

Spider Mites are tiny pests and make webs on the underside of leaves. Their damage will look like yellow stippling.

Treatment: Mites are best treated with insecticidal soap especially made for mites.



Scale

Scale are small, round insects that thrive in warm dry environments. They look like round dots along the stems of a plant. Scale are immobile; once they latch onto a spot, they stick there.

Treatment: dip a Q-Tip in isopropyl alcohol and press it firmly on the scale and it will burn off.



Mealy Bugs

Mealy bugs are soft-bodied, wingless insects that have a cotton-like appearance. They cause damage by sucking the juice from the host plant. They will cause yellowing leaves, mold and fungus.

Treatment: since Mealies are relatives to Scale, the same treatment is recommended.

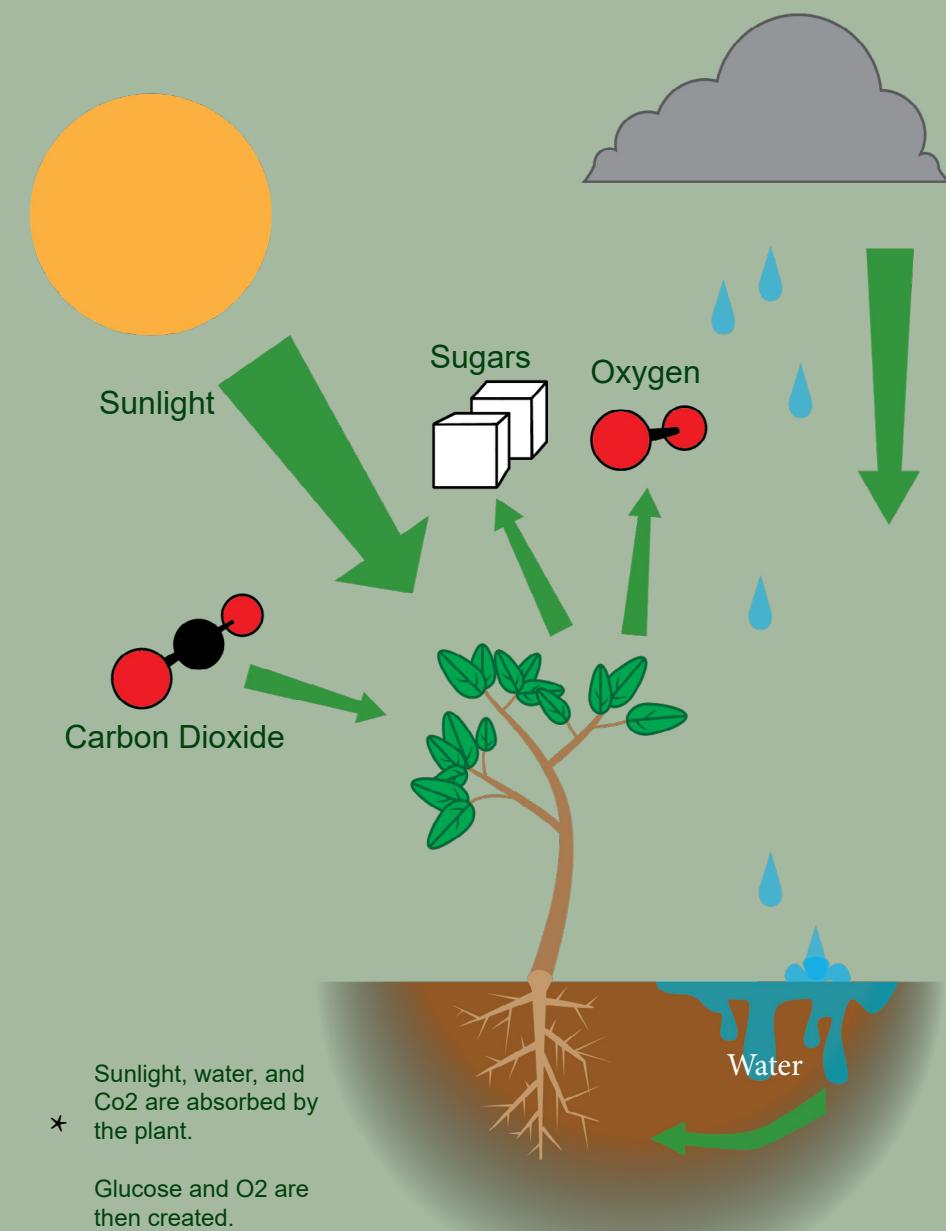


Fungus Gnats

Fungus gnats are usually small, black flies flying around the soil. You may even see their slender black bodies crawling on the top of the soil.

Treatment: For the short term, yellow sticky traps work by killing the adult flying gnats. For larvae, mix equal part water and hydrogen peroxide and water the plant.

How Photosynthesis Works



All The Plants in The Handbook

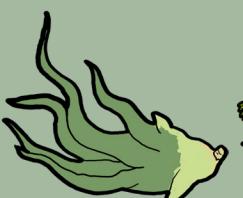
Umbrella Tree Fiddle Leaf Fig Air Plant Boston Fern



Rubber Plant



Aloe Vera



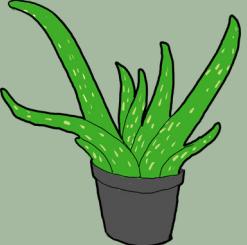
Haworthia



Living Stones



Fence Post



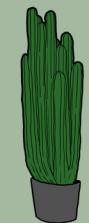
English Ivy



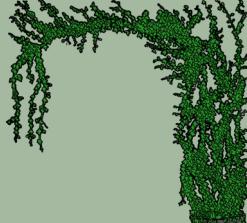
Pencil Cactus



Pothos



Shamrock



Pitcher Plant



Sago palm



Snake Plant



Mandevilla



String of Pearls



Spider Plant



Venus Fly Trap



Highest Level Air Purifying Plants in Handbook

Rubber Plant



Spider Plant



Boston Fern



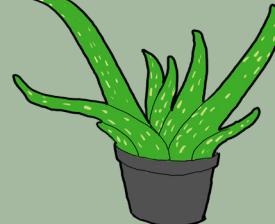
Pothos



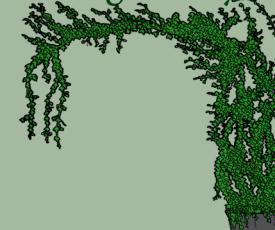
Snake Plant



Aloe Vera



English Ivy



* These plants will remove the most toxins from the air out of all the plants mentioned.

Highest Level Oxygen Creating Plants in Handbook

Rubber Plant



Spider Plant



Aloe Vera



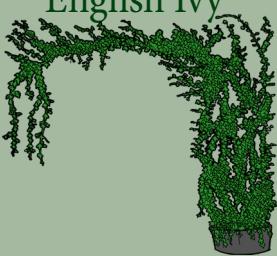
Pothos



Snake Plant



English Ivy



Highest Level Co₂ Reducing Plants in Handbook

Rubber Plant



Pothos



Boston Fern



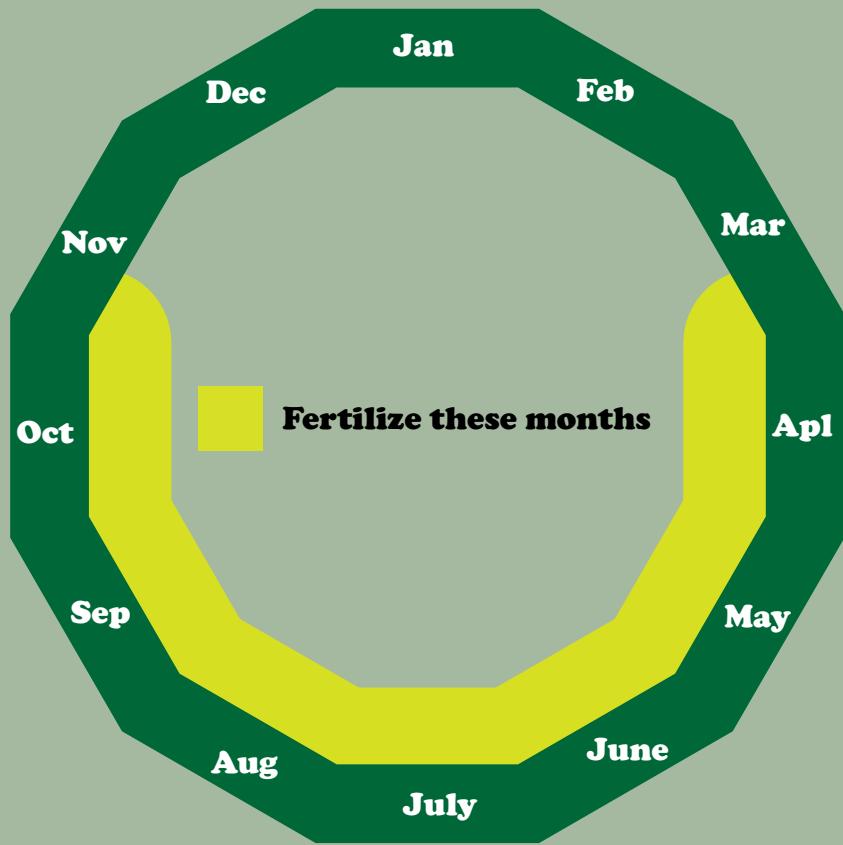
Spider Plant



*These Plants create the most O₂ also known as Oxygen out of all the plants mentioned.

* These Plants will reduce the level of Co₂ also known as Carbon dioxide from the air the most out of all the plants mentioned. Co₂ is created when animals exhale and is toxic in high concentrations.

Fertilizer



Components of Fertilizer

Nitrogen(N): Leaf growth and stems.

Phosphorus(P): Development of roots, flowers, seeds and fruit.

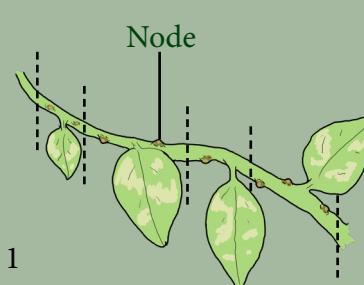
Potassium(K): Strong stem growth, movement of water in plant, promotion of flowering and fruiting.

How To Propagate Pothos



To propagate Pothos or any plant you should wait for the plant to be mature, which normally takes about a year.

One Year



- 1) Cut the plant above and below the node including a leaf.
- 2) Place in water and put in a sunny location like a window.

12 or more days



- 1) Change water every 2-5 days.
- 2) After 12 days there should be new roots.
- 3) Plant cutting with roots in new soil and place in sun again.

One More Year



After about a year you should have a mature Pothos and you can take another cutting and repeat the process making a third plant.

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