Dwarf umbrella tree

Observe

Choose 1–3 tasks. Point, say or draw; writing is optional.

1 · Look

Follow the leaf stalk. Point to one leaflet, then outline the whole compound leaf.



A compound-leaf example, not a fixed count or a field identification.

2 · Choose

Name the stages from a seed. Does every flower become a fruit?

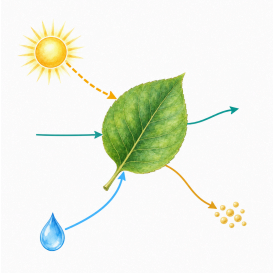


A general flowering-plant sequence.

Every flower | Not always

3 · Choose

Find an input and output. Does the Sun supply energy or sugar?



A general green-plant process. Follow the arrow directions.

Energy | Ready-made sugar

4 · Write

Find “leaflet” on the knowledge card. Say it; write it if you wish.

leaflet

5 · Draw

Draw one whole compound leaf. Label a leaflet and the leaf stalk; count your leaflets.

6 · Record

I notice: ____

A difference from the diagram: ____

I want to check: ____ (or draw/say)

Dwarf umbrella tree

Discover

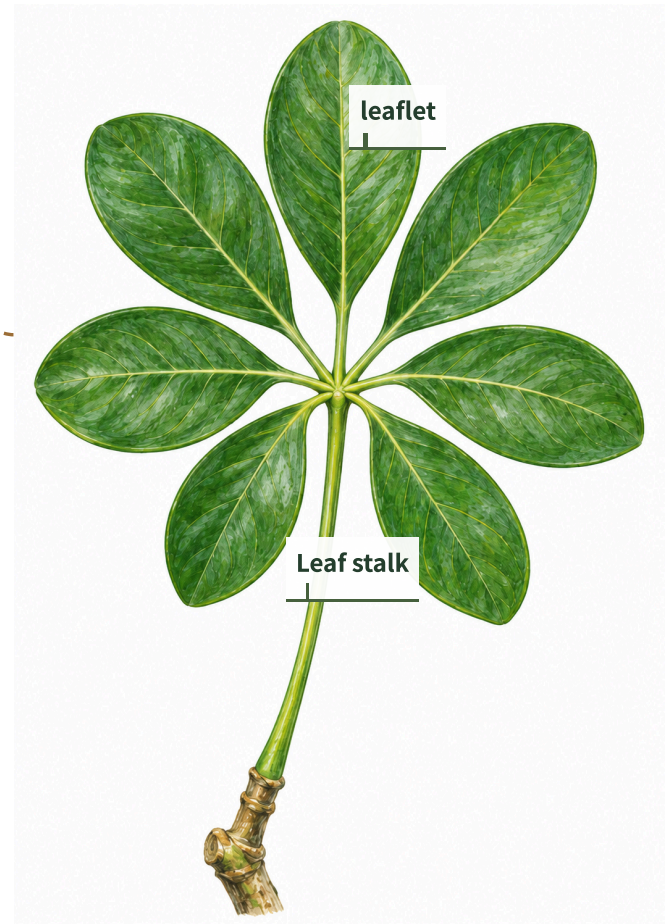
Whole plant · Evergreen shrub



Size reference · not to image scale

Usually an evergreen shrub, sometimes climbing.

Detail · One compound leaf



- Leaf stalk tip → leaflets fan outward
- Group = one palmate compound leaf
- Usually smooth edges; often 7 to 9 leaflets, sometimes more
- Enlarged diagram; not a scaled photo crop

Reproduction · the next plant

Flowers → **Pollination & fertilisation** → **Seeds in fruit**

- **Seeds:** **germination** → **new plant, with suitable conditions**
- **Another route:** **stem cutting** → **roots** → **new plant; no seeds**
- **Diagram scope:** Not every flower fruits; general principle, no specific pollinator

Dwarf umbrella tree

Discover

Origin and habitat

- **Native:** Hainan and Taiwan; also grows elsewhere
- Streamsides, moist forests; sometimes on trees

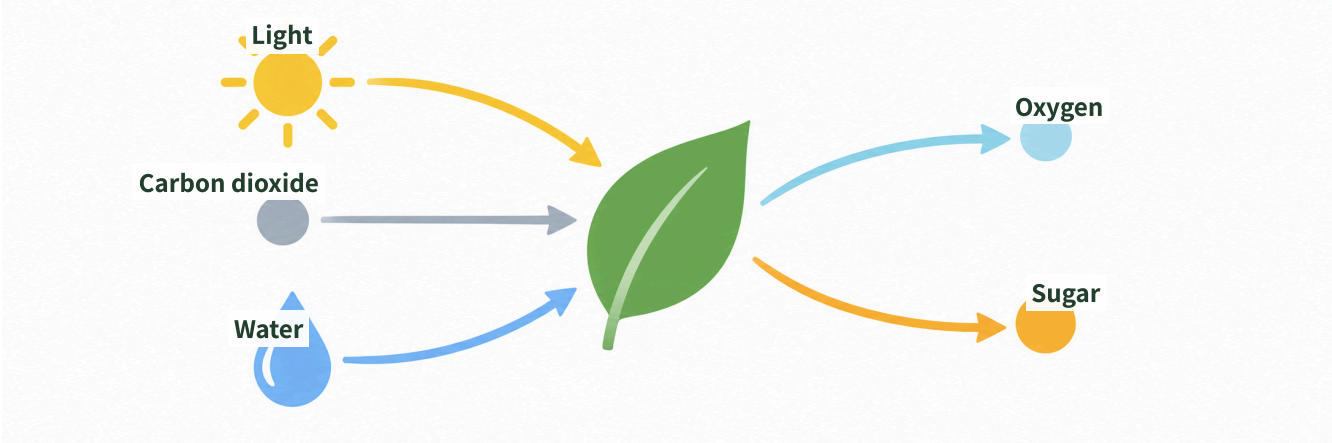
Starting with a seed



Seed → **Seedling** → **Plant** → **Flowers and fruits**

- **Germination:** suitable conditions; not every flower fruits
- Seeds in fruits → possible new cycle
- **This plant:** small flowers, nearly round fruits
- **Partly known:** General stages; no field record or growth schedule

Photosynthesis



Green plants use light energy to turn water and carbon dioxide into sugar, releasing oxygen.

- **Light:** energy, not a material input
- **Shapes:** material symbols, not molecular structures
- Water + Carbon dioxide → Sugar + Oxygen
- **Diagram scope:** General process; no measured rate

- **Araliaceae; accepted name:** Heptapleurum arboricola
- **Older name:** Schefflera arboricola
- **Conflicting fruit-color sources:** unresolved
- Diagram, not field ID; do not pick or taste

Sources: Kew • NParks • RHS