

# Environmental Variables Affecting the Growth and Flowering of Ceiba speciosa

## Research purposes

By observing the various factors of Ceiba speciosa, we will study the phenomena that affect their different growth directions and flowering periods.

## Research method

- 1. Photograph the flowering state and growth direction.
- 2. Observe the changes in different days.
- 3. Analyze different meteorological observation data.
- 4. Observe various environmental factors and find out the main factors.
- 5. Conduct an analysis to determine the extent to which its factors affect growth and flowering.
- 6. Explore its possible mechanism of action.

## Our Team Photo

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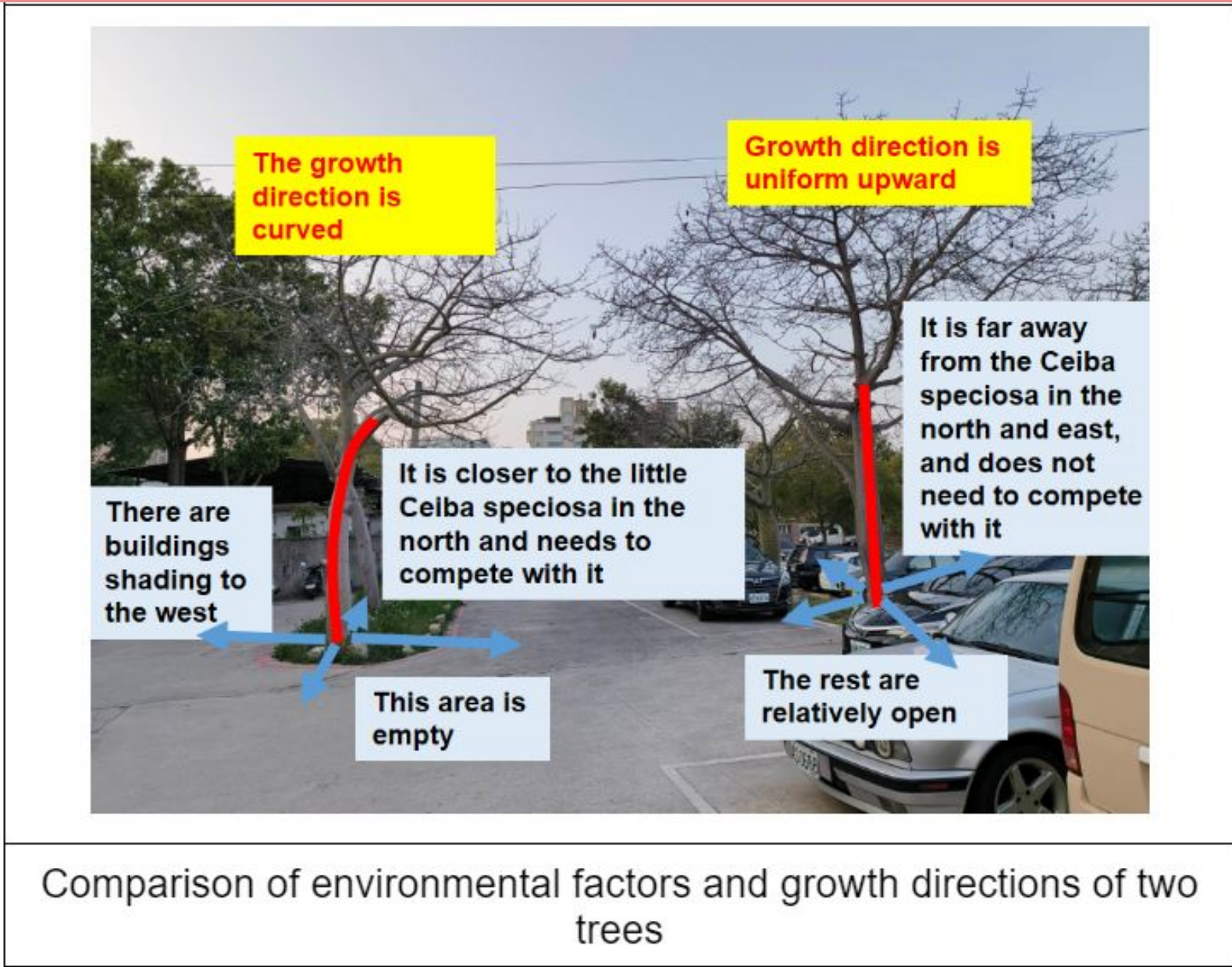
## Research 2



### Influencing factors

- 1. The length and amount of sunshine time make the amount of sunshine received vary
- 2. The height of the ground makes the water supply and nutrients different between the two places

## Research 1



main reason for the beauty tree to grow to the southeast

- 1. Sunshine angle: south east and south west
- 2. Sunshine amount: Compete with surrounding trees for sunlight, so stay away from buildings

## Conclusion

Environmental Variables Affecting the Growth and Reproduction of Ceiba speciosa Tree

The main factor is sunshine

- 1. Azimuth angle: affect the growth direction and shape of plants
- 2. The amount of sunlight: affect the direction of plant growth, advance or delay flowering

Secondary factors are

- 1. Competition of plants: affecting plant growth
- 2. The height of the ground: resulting in the amount of water supply and nutrients obtained