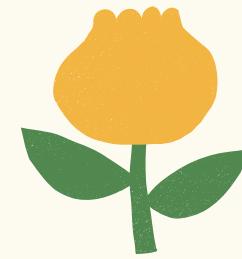


ROOTS OF MORETON



Moreton's Virtual Arboretum





Gohack 2023

Team Grus

Submission Video



A close-up photograph of a person's fingers holding a small, irregularly shaped piece of white paper. The paper has torn edges and is held against a light gray, textured background. On the paper, the words "Root" and "Cause" are written. "Root" is written in red, bold, sans-serif capital letters above a thin black horizontal line. "Cause" is written in black, cursive, lowercase letters below the line. The lighting creates a soft shadow of the hand and paper on the background.

Root
Cause

⚡ Quick Search

Coordinating the IUCN red list of North American tre...

 semanticscholar • 1

The Critically Endangered Flora and Fauna of...

 semanticscholar • 2

Tracking Rare Native Vascular Plants in British...

 semanticscholar • 3

Inventory of endangered flora and fauna in Bobirw...

 semanticscholar • 4

Protection of Endangered Species of Wild Fauna...

 semanticscholar • 5

≡ Answer

Threatened flora can be endangered because people may not be aware of their existence or the importance of conserving them. This lack of knowledge can lead to various actions or behaviors that contribute to the decline of these species. Some of the reasons why threatened flora may be endangered due to a lack of awareness include loss of habitat, unplanned collection, deforestation, overgrazing, erosion, and illegal activities such as hunting, shooting, trapping, or unauthorized trade [1](#) [2](#) [3](#) [4](#). To address the issue of endangered flora, it is crucial to raise awareness about the importance of conserving these species and their habitats. Education and outreach programs, community involvement, and the implementation of conservation policies and regulations can all contribute to the protection and preservation of threatened flora [1](#) [5](#).

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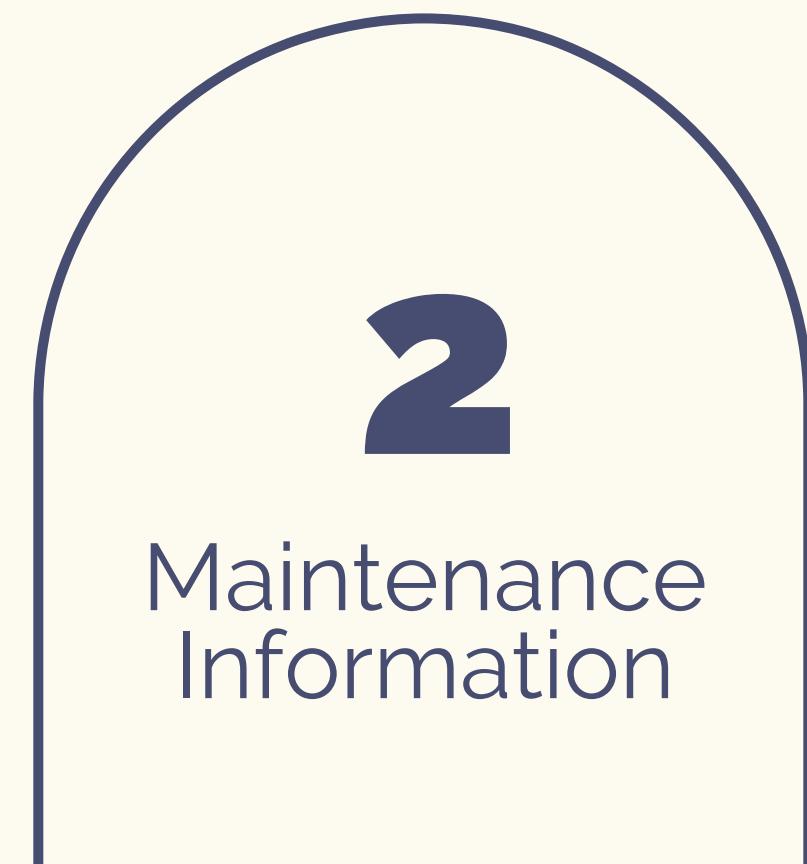


Topic Outline



1

Rare Flora



2

Maintenance
Information



3

Natural
disaster
prevention





Rare Flora

Recognizing Rare Floras

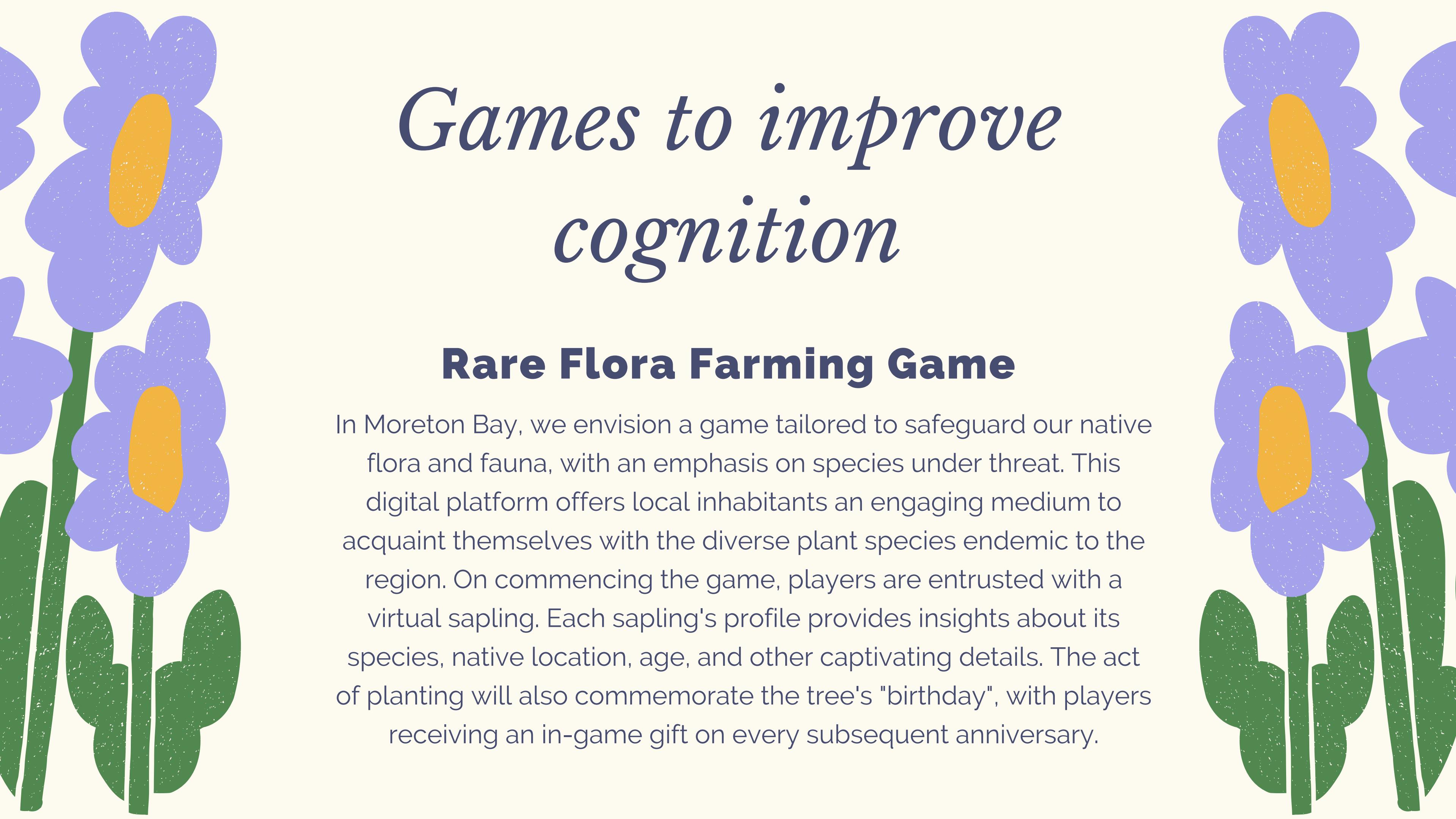
Moreton Bay is a place of rich biodiversity, featuring a wide range of vegetation, with some plants considered to be rare and found only in this region. These rare plants thrive in the special ecological environment of Moreton Bay, adding a distinctive vitality to the land.

Maintenance Information

How to protect rare local flora ?

Protecting the rare plant species of Moreton Bay is a crucial endeavor that safeguards not only the natural beauty of the region but also its delicate ecological balance. Moreton Bay's unique ecosystem provides a home to a variety of plants that are found nowhere else on Earth, making their preservation an imperative.





Games to improve cognition

Rare Flora Farming Game

In Moreton Bay, we envision a game tailored to safeguard our native flora and fauna, with an emphasis on species under threat. This digital platform offers local inhabitants an engaging medium to acquaint themselves with the diverse plant species endemic to the region. On commencing the game, players are entrusted with a virtual sapling. Each sapling's profile provides insights about its species, native location, age, and other captivating details. The act of planting will also commemorate the tree's "birthday", with players receiving an in-game gift on every subsequent anniversary.



Natural disaster warning

Game simulation of natural disasters

Simulating natural disasters in the game within the Morton Bay region presents players with an environment that is both challenging and full of opportunities for conservation. The simulation in the game serves to awaken players' environmental consciousness, helping them to better understand the urgency of conservation and the role that each individual plays in safeguarding this beautiful area.



References

- Canva. (2023). Canva. Canva.com; Canva. <https://www.canva.com>
- freepik. (n.d.). Freepik | Graphic Resources for everyone. Freepik. <https://www.freepik.com>
- Haq, F. (2012). The Critically Endangered Flora and Fauna of District Battagram Pakistan. *Advances in life sciences*, 2, 118-123.
- Kayombo, B., & Tsheko, R. (2014). Inventory of endangered flora and fauna in Bobirwa and Kgalagadi districts of Botswana.
- (2021). Protection of Endangered Species of Wild Fauna and Flora. *Advances in Earth and Environmental Science*.
- (2001). Tracking Rare Native Vascular Plants in British Columbia.
- Westwood, M., Frances, A., Man, G., Pivorunas, D., & Potter, K.M. (2017). Coordinating the IUCN red list of North American tree species: a special session at the USFS gene conservation of tree species workshop.

① Learn About rare species by virtual planting



The screenshot shows a virtual garden scene. In the background, there's a small wooden house with a yellow door and a circular window, surrounded by green trees. In the foreground, there's a large green pot containing a plant with several yellow flowers. A text overlay at the bottom left of the screen says "This is your garden. Plant your Gompholobium pinnatum here!"

Roots of Moreton  

 Roots of Moreton  

Gompholobium pinnatum

Pet friendly  Out door 

Description

From Wikipedia, the free encyclopedia

Gompholobium pinnatum, commonly known as pinnate wedge-pea, is a species of flowering plant in the pea family Fabaceae and is endemic to eastern Australia... [Read more](#)

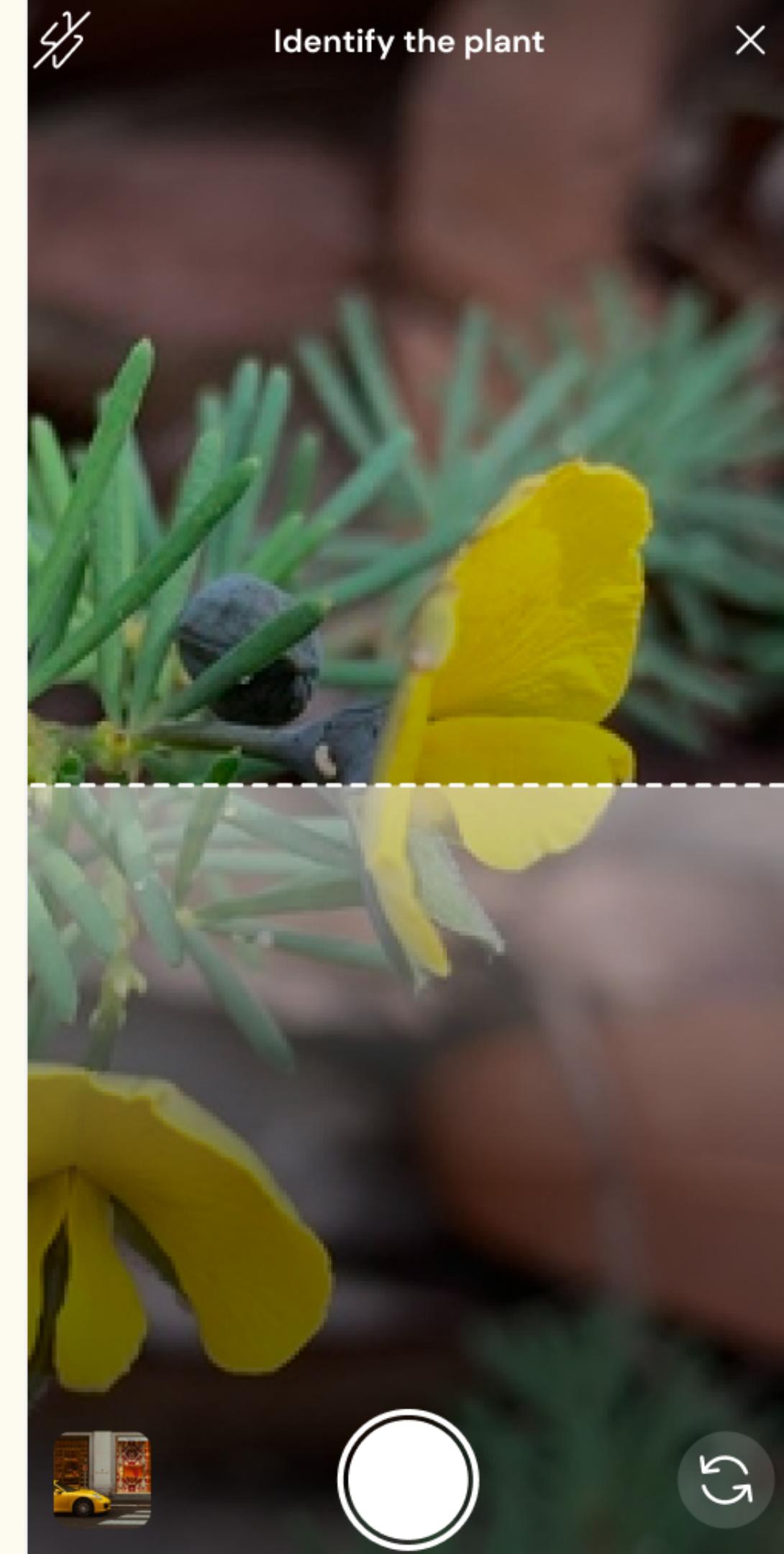
 Height	 Water
Small	333ml
 Light	 Humidity
Normal	56%



Identify the plant



②Recognize rare flora in real world





③ Report and save endangered flora

Report Flora Damage

Upload images about plant damage:

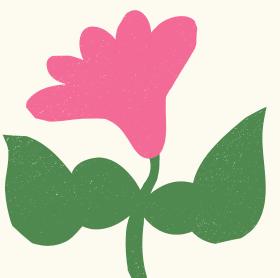


South Pine Roud

Report

Contact : City Of Moreton Bay

THANK YOU!



*Protect the ecosystem of
Moreton Bay together!*









TAKE
ACTION
Now!

8

7

6

5

4

