

A detailed botanical illustration background featuring various plants and flowers. In the top left, there are pink and purple flowers with green leaves. In the top right, there are white flowers with green leaves. In the bottom left, there is a large yellow flower with a dark red center and green leaves. In the bottom right, there is a yellow lemon with green leaves and a small white flower. The central text is framed by a white border.

Native Pollinator Garden: What, Why, and How



1.

Basics: What's a Pollinator?



A Pollinator:

A pollinator is an agent that carries out the pollination of flowers, allowing plants to grow seeds. They are necessary for the reproduction of plants.

A detailed botanical illustration featuring various plant species. The top left shows a branch with large, dark green, ovate leaves and a single white flower with a yellow center. The top right shows a branch with similar green leaves and several white flowers. The bottom left features a branch with small, dense green leaves and a few bright red flowers. The bottom right shows a branch with large green leaves and a cluster of small, round, yellowish-green fruits. A central white rectangular box with a thin black border contains the text.

2.

**What makes a species
“native”?**

The slide features decorative floral illustrations in the corners. In the top right, there are pink and purple flowers with green leaves. In the bottom right, there are green leaves and small red flowers. In the bottom left, there are large green leaves and a white flower with a yellow center. The main content is enclosed in a thin black rectangular border.

Native vs. Non-native species

Native species

Native species are indigenous to a region or ecosystem, having been introduced without human intervention. They have evolved to thrive in their particular habitat.

Non-native species

Non-native species are not indigenous to a region or ecosystem. These species can become invasive when they outcompete other species and damage the ecosystem they are in.

A Few Endangered Native Pollinators

Yellow-Faced Bee

Facing loss of habitat,
non-native species, and
climate change



Hoary Bat

ōpe'ape'a

Facing habitat loss, collisions
with man-made structures,
pesticides, invasive species



Crested Honeycreeper

'Ākohekohe

Invasive boars trampel their
main food source



Picture-Wing Fly

Facing habitat loss, loss of
host plants, predation from
invasive species



A detailed botanical illustration background featuring various plants. In the top left, there are pink flowers with green leaves. In the top right, there are white flowers with green leaves. In the bottom left, there is a large yellow flower with a dark red center and green leaves. In the bottom right, there is a yellow lemon with green leaves and a small white flower. The central text is enclosed in a white rectangular box with a thin black border.

**Donations to the
garden to look
out for**



A'ali'i

Found in Nicole's
garden





Ukiuki

Found in the back by the sunflowers, and in Claire and Tania's garden. Can be used for dyes.



Abutilon Menziesii

Purchased for Nicole originally, though unsure who ended up claiming it - possibly Karen.





Maohao Hele

Native Hibiscus. Planted
in Garrett's garden.





Kolokolo Kuahiwi

Purchased for Karen,
although I am unsure of
who ended up claiming
it. Endangered native
plant.





Awikiwiki

Fast-growing vine,
hence the name. Gifted
to Karen and for the
front archway.





Ilie'e

Planted in the front by
the arch.





Sources:

<https://lakes.grace.edu/native-non-native-invasive-species/>
<http://xerces.org/press/seven-native-hawaiian-pollinators-propose-d-as-endangered-species>

<https://www.pandaonline.com/hawaiiis-endangered-species/>
[https://www.fws.gov/pollinators/features/CrestedHoneycreeper.html#:~:text=GOT%20A%20QUESTION%3F&text=Crested%20Honeycreepers%20\(Palmeria%20dolei\)%20are,on%20the%20Island%20of%20Maui.&text=The%20Crested%20Honeycreeper%20is%20important,the%20%60%C5%8Dhi%60a%20plant.](https://www.fws.gov/pollinators/features/CrestedHoneycreeper.html#:~:text=GOT%20A%20QUESTION%3F&text=Crested%20Honeycreepers%20(Palmeria%20dolei)%20are,on%20the%20Island%20of%20Maui.&text=The%20Crested%20Honeycreeper%20is%20important,the%20%60%C5%8Dhi%60a%20plant.)

<https://mauiinvasive.org/2020/08/11/yellow-faced-bees-defenseless-and-vulnerable-to-predatory-ants/>

<https://mauiinvasive.org/2014/12/01/hawaiian-hoary-bat-our-only-native-land-mammal/>

<https://www.encyclopedia.com/environment/applied-and-social-sciences-magazines/honeycreeper-crested>

<https://ecos.fws.gov/ecp/species/1543>

<https://wildlifeofhawaii.com/flowers/category/hawaiian-butterfly-flowers-and-plants/>

