

Kalopa Lab Report

Ethaniel Wilson
Chris Hodges
Period A 7C
3/6/2016

Experimental Question: In the trail of Kalopa what is the top 10 most predominant flora?

Hypothesis: We believe that the most predominant flora is O'hia

Materials:

- Eyes
- Pencil
- Paper
- Photo Id Book
- Clipboard (recommended)

Procedure:

1. Every 20 paces look left and right and then take 5 paces to the left and to the right and record the amount and type of species there.
2. Stay on the path and record both ways, in and out of the trail
3. Record using tallies (1 tally= 1 of that species)
4. Record data/graph to see which tree/plant/flora is more dominant or common in that area.

Variables:

Independent Variable: Location

Dependent Variable: Number of plants

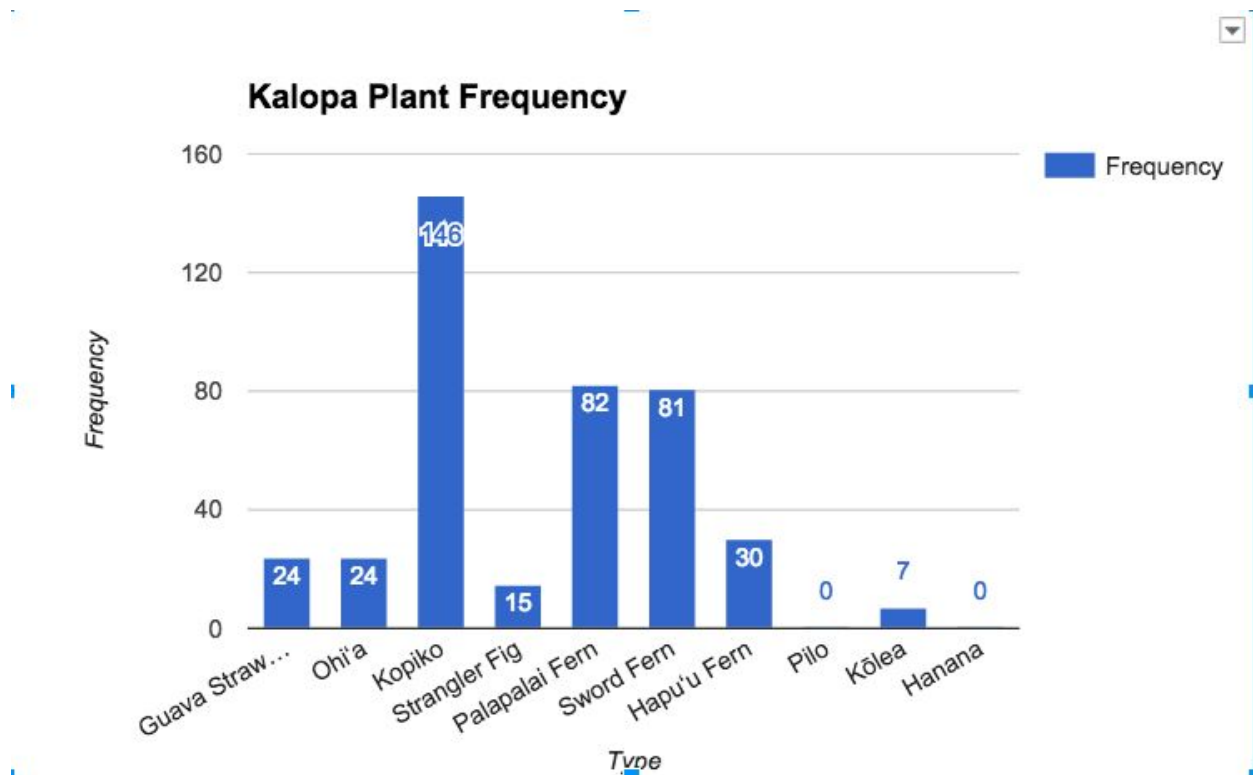
Constants:

- Staying on trail
- materials

Results:

Type	Frequency
Guava Strawberry	24
O'hia	24

Kopiko	146
Strangler Fig	15
Palapalai Fern	82
Sword Fern	81
Hapu'u Fern	30
Pilo	0
Kōlea	7
Hanana	0



Discussion:

We believed that the most predominant flora is Oh'ia. My hypothesis was not supported by the data. What appeared the most was the Kopiko tree, but that makes sense as with our range into the forest of five steps on each side of the path allowed for the Kopiko to be seen more, the fact

that some ferns we could not figure how their quantity. So I believe that Kopiko is still the most even if only we had a better way to count ferns without damaging them.