ON A BACKPACKING TRIP, OFTEN ONE COMES ACROSS NEW OR INTERESTING PLANTS.

PULLING OUT THE GUIDE IS AS EASY AS YOU MAKE IT →

AND YOU DON'T HAVE TO SEARCH FOR THE RIGHT GUIDE.

YOU JUST SEARCH AND THEN CHECK.

INSERT SEARCH CRITERIA, AND SORT THE ENTRIES BY HOW WELL THEY MATCH YOUR CATEGORIES.
SWIPE FUNCTION, LIKE KINDLE

VISUAL CHECK LIKE ANY OTHER GUIDE

THANK YOU LITTLE FLOWER, I THINK WE WILL MEET AGAIN

MOVING ON
AND GO AND ID SOME PLANTS!

ALL ON A SINGLE DEVICE.

THAT IS PROVEN AND PORTABLE, OR ANY DEVICE YOU WANT!

THE GOAL IS TO MAKE ECOLOGICAL KNOWLEDGE ACCESSIBLE AND CENTRALIZED IN A FUTURE-PROOF SEARCHABLE FORMAT SO REAL PEOPLE CAN USE IT TO CONNECT MORE DEEPLY TO THE WORLD AROUND THEM.

- I DIDN'T REALIZE SOME OF THE TREES HAVE NEEDLES AND OTHERS HAVE FINELY DIVIDED LEAVES.
- I DIDN'T THINK I COULD IDENTIFY PLANTS! I THOUGHT I NEEDED LATIN!
- NOW I CAN CARRY MY BOTANICAL INFORMATION ANYWHERE I GO.

- 😊
- 😊😊😊
Guides are constrained to the most common plants or animals or fungi (rarely all three) to a given region.

Species you'll actually encounter

Species covered by guide

Guides are produced very well by people who know what they are doing, and most people don't care about all the plants.

But digital tools can address both of these issues.

A thumb drive is far lighter than the same info printed on paper. Its as close far more searchable.

This is the promise of the digital age!
Sometimes scanner apps get the plant wrong.

And they don't help provide a sense of the relationships between plants.

Two flowers show sematic morphology.

But a third might not.

If pepper family is not closely related to poppy family.

An app tends not to show you these relationships.

In the short term scanners are convient.

But in the long term they inhibit deep learning.

And if you have to carry everything, you have, a field guide just isn't justified.

Nor is a battery-draining, internet-required app.
So how can you integrate the two?

Cut the spine.

Scan the pages or compile this knowledge digitally from existing data bases.

Tag them digitally by a host of characteristics.

For a given plant:

- Name: (common)
- Species
- Genus
- Family
- Ocurrence
- Habitat
- Range
- Leaf arrangement
- Flower color

Maybe in .txt format w/ linked data.

Import to Condel via some purpose built cut.
Kindle Field Guide to the World

Visual Guide to Next Material, Very Much Like Field Guides Today Are Laid Out

No Page Turning on Kindle, Dramatized for Representation

The Search Function Re Orders Pages

Huge Stack of Sheets

Re Order Pages to Go Through

Relevance, Overlap or Search Criteria
ULTIMATELY THE IDEA BOILS DOWN TO TWO CONCEPTS:

1) DISCRETE TEXT PAGES CONNECTED BY LINKS BETWEEN THE PAGES MADE UP OF INDIVIDUAL PARTS

2) SEARCH ENGINE TO ORDER THE PAGES IN A REAS USEFUL WAY

SORTED FOR RELEVANCE SO A HUMAN CAN DECIDE
From this one page, you can find as much as you need to know back and forward buttons.

Botanical or image drawing takes you to list of menthas leads to page of all other plants tagged as mints.

Also to landscape.

Take you to take about plant anatomy.

Relaxation map.

Takes you to other riparian plants page.

All information is searchable through text search as well.

In this way information is at your finger tips and sorted, in effect, by relevancy to your plant.
Any category that pulls relevant tags

Color:
- Purple
- Yellow
- White
- Blue
- CCT...

Region map select could be awesome!

And other relevant features like Gill attachment (for mushrooms) or Pistil/stamen count for Angiosperms.
Kinder guide searches through these...

But it would be very interesting to be able to navigate the phylogeny.

Modern species

Hypothetical phylogeny

Incorporated with fossils

Oldest common ancestor

You could travel through the web of phylogenetic links to wherever you want to go!

Everything is related, somehow.

So all you need to do is explore.
I already used guides, but now I have as many species as there are know to science, on my Kindle!

I spend more time outside of my kids, b/c we love interacting with plants and animals. We want to walk outside!

I always wonder, and now I know, and it seems like I'm just scratching the surface.

Curious people in general.

This is designing for connection, for flourishing, for more attention paid to the Earth system.

By making knowledge like this acceptable, we make our world a better place because we give people the tools to care.