

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

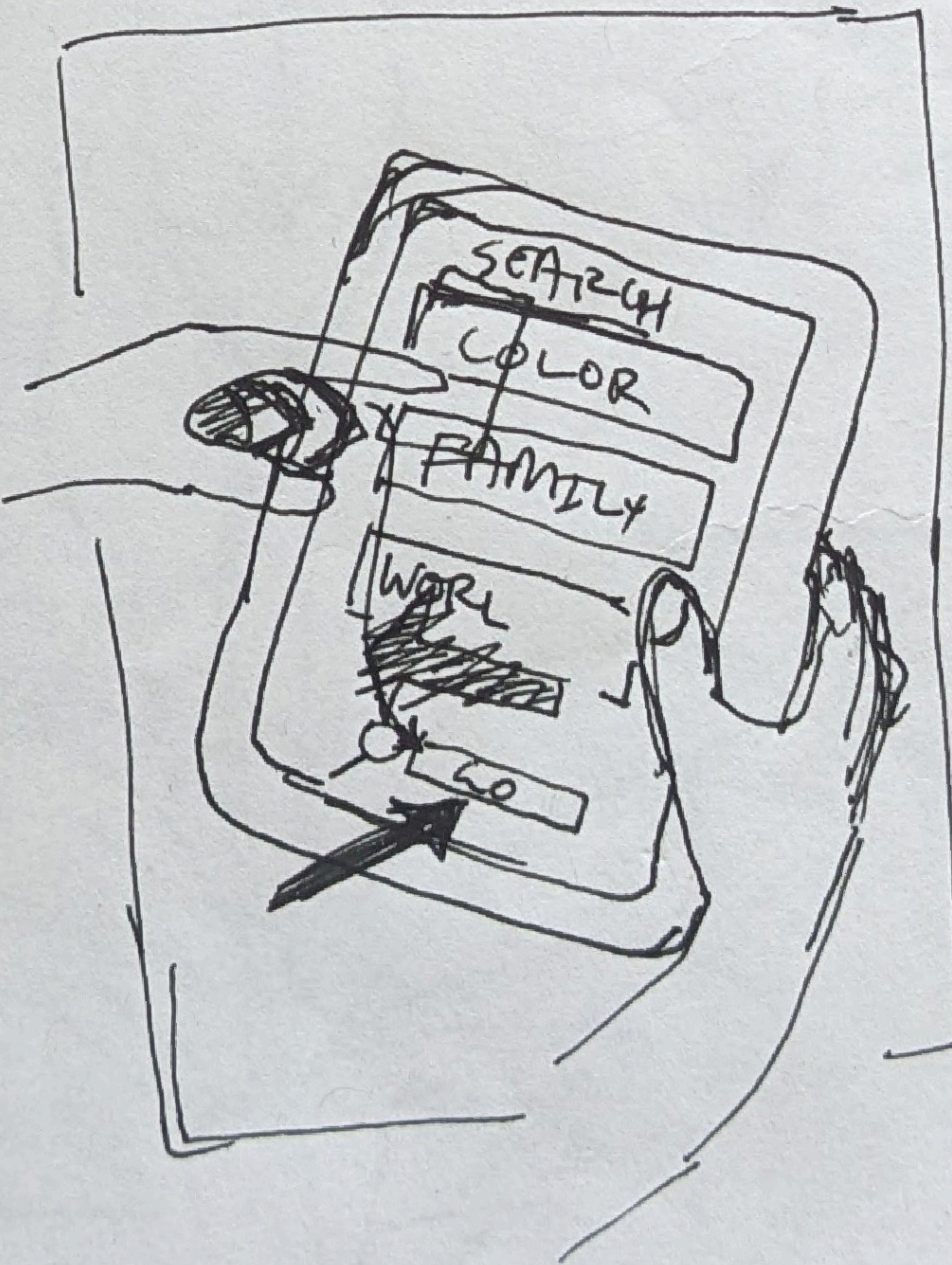


PULLING OUT THE GUIDE IS AS EASY AS YOU MAKE IT →



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

YOU JUST SEARCH AND THEN CHECK

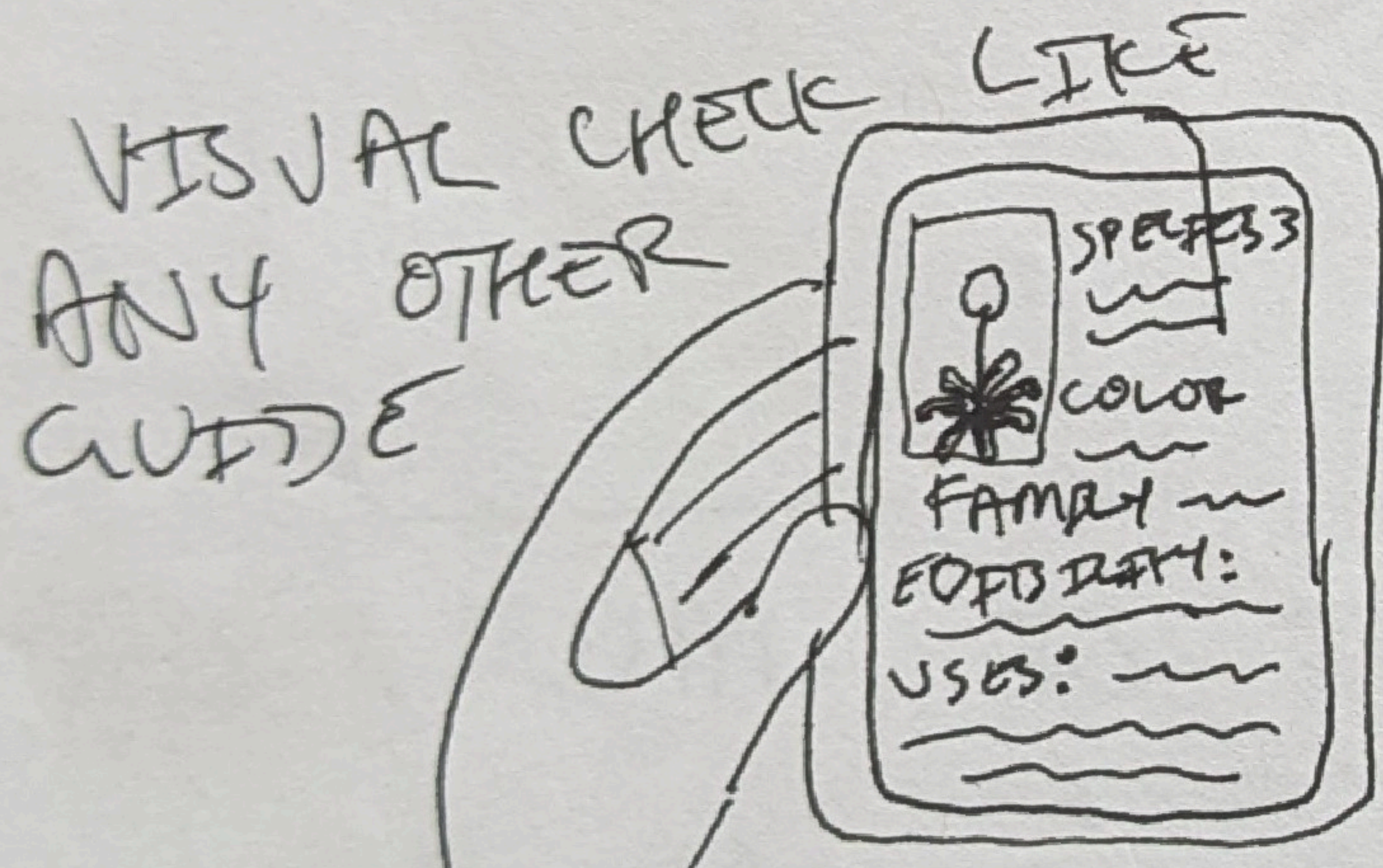
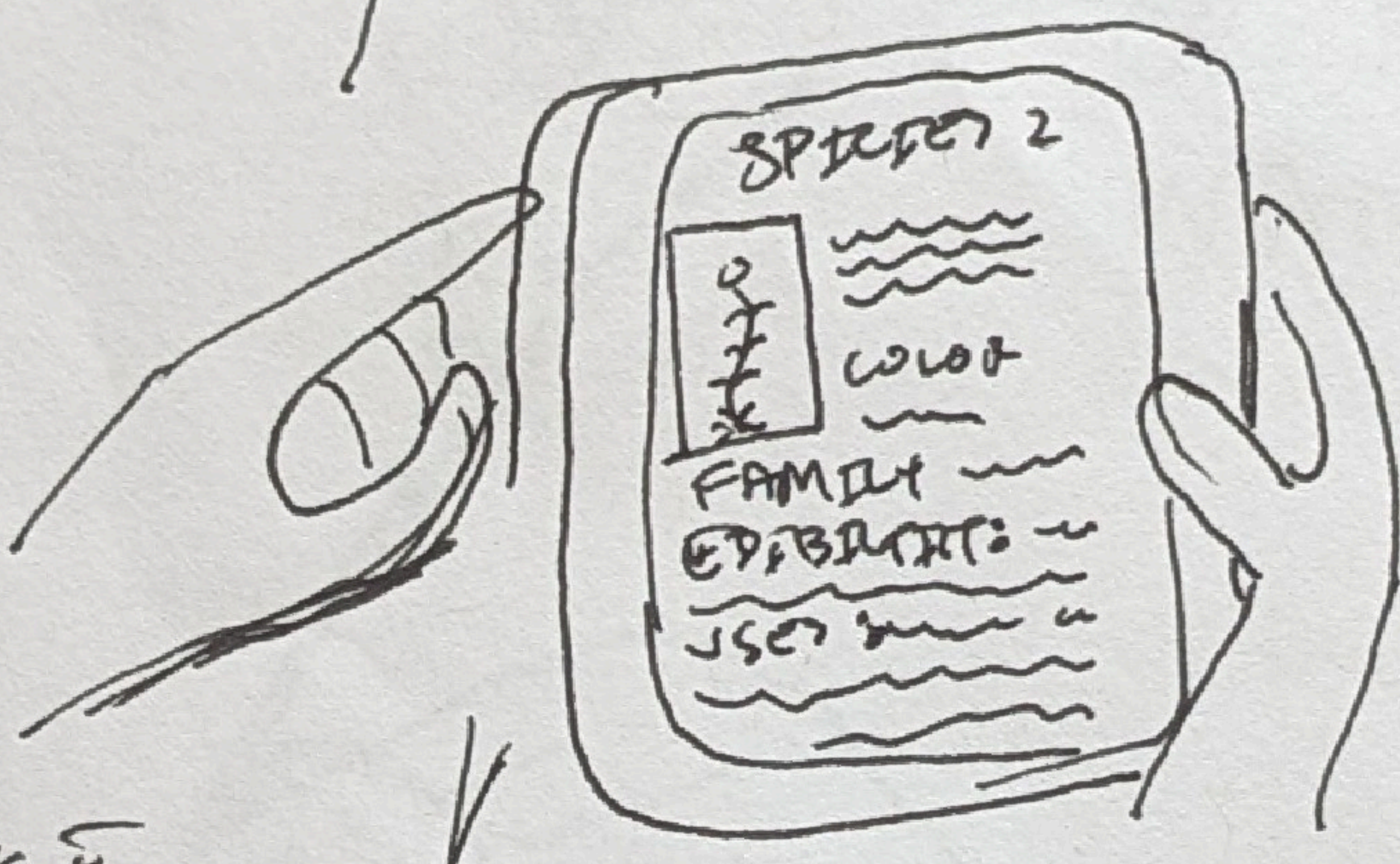
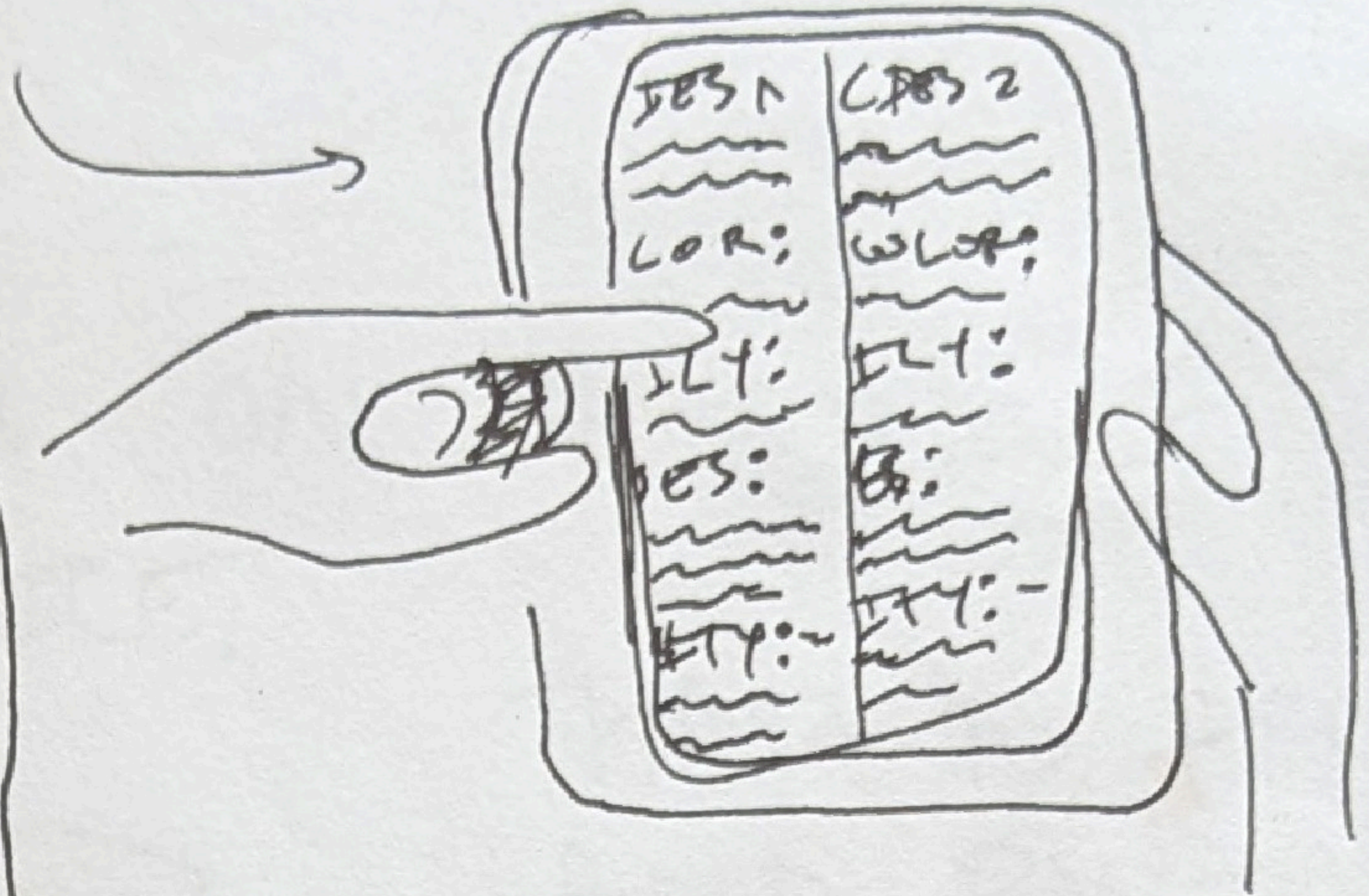
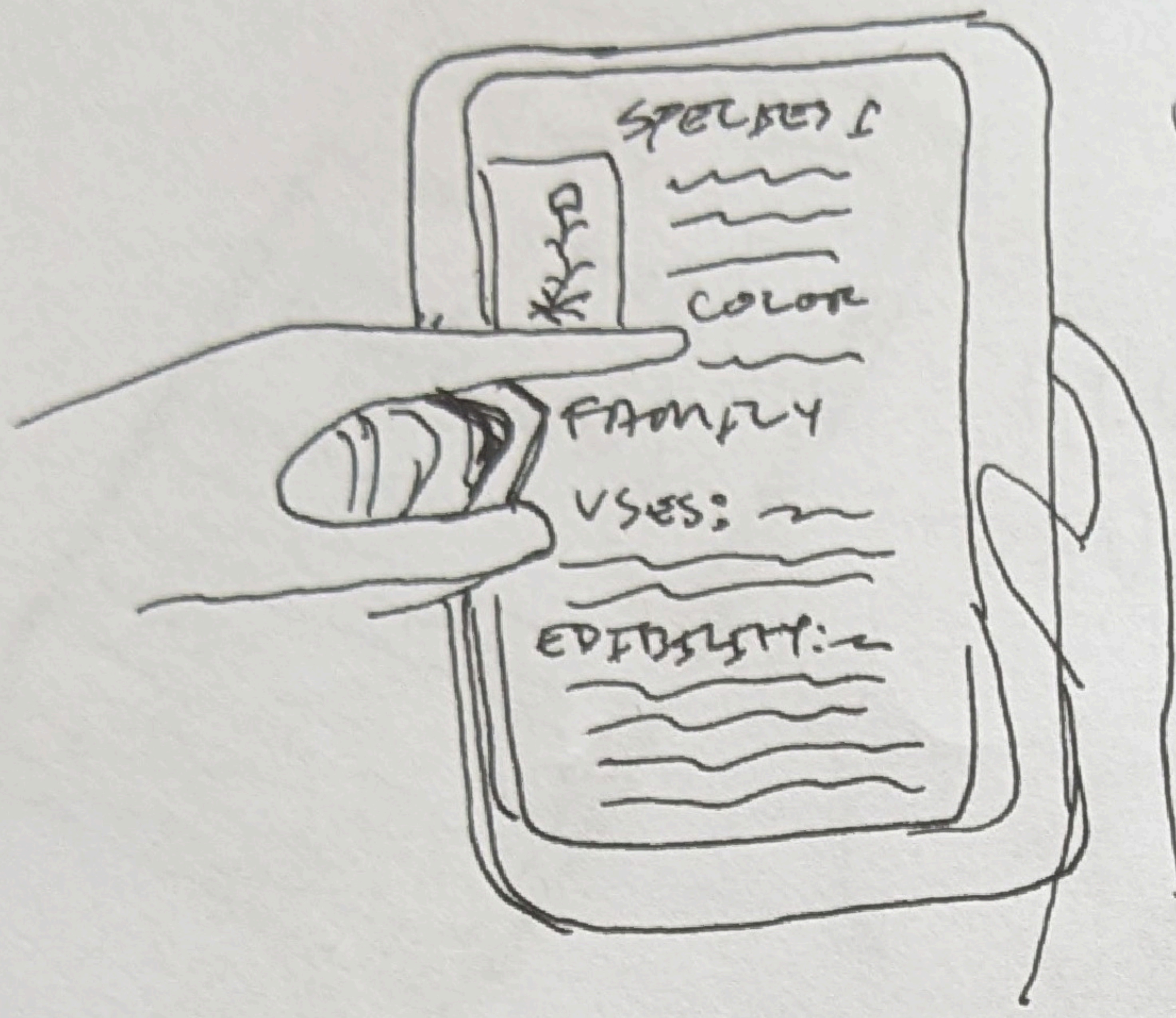


INSERT SEARCH CRITERIA,

AND SORT THE ENTRIES BY HOW WELL THEY MATCH YOUR CATEGORIES

deep key

JUST SWIPE FUNCTION, LIKE HANDLE

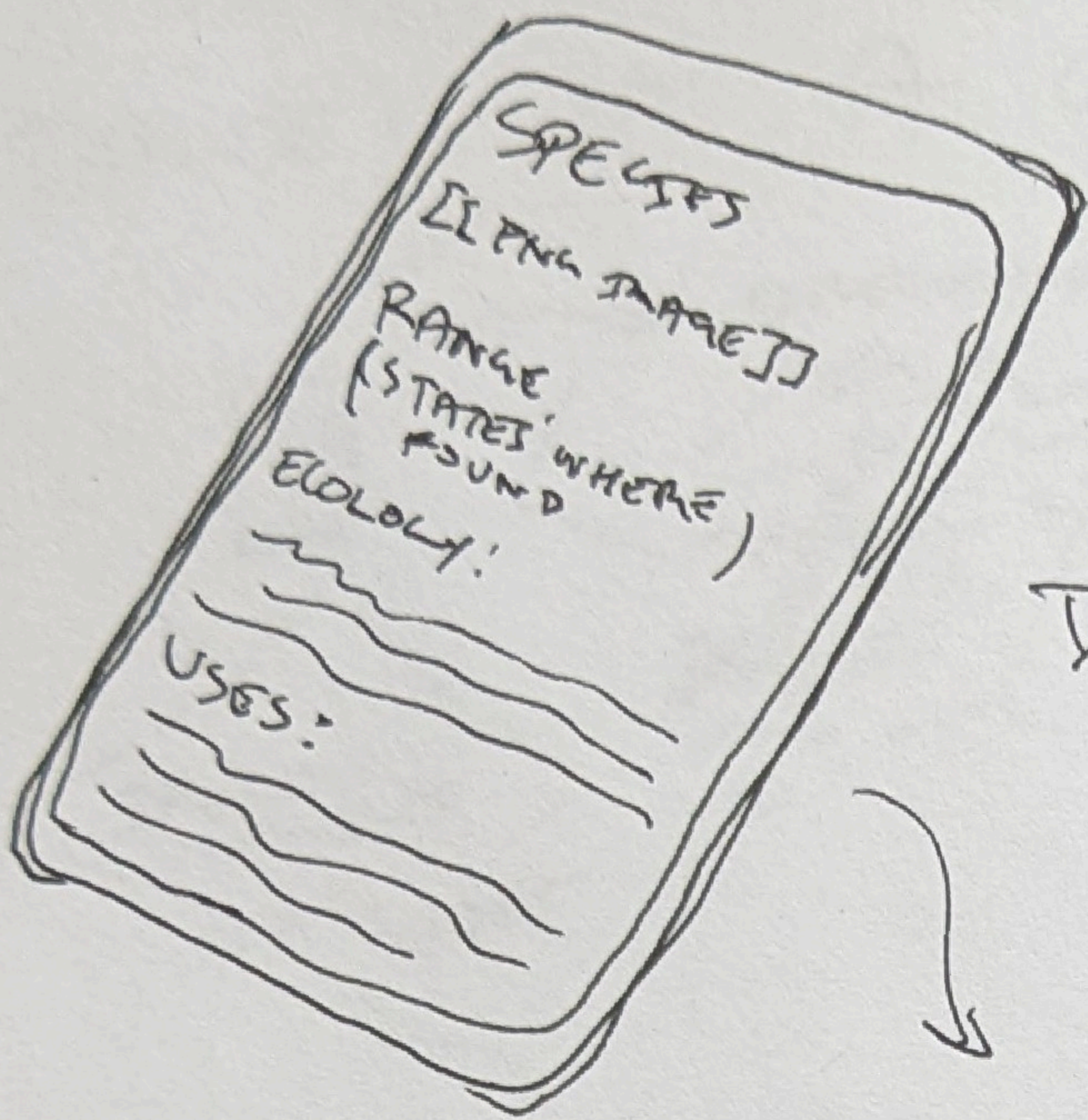


THANK YOU LITTLE FLOWER, ~~PLEASE~~ I THINK WE WILL MEET AGAIN



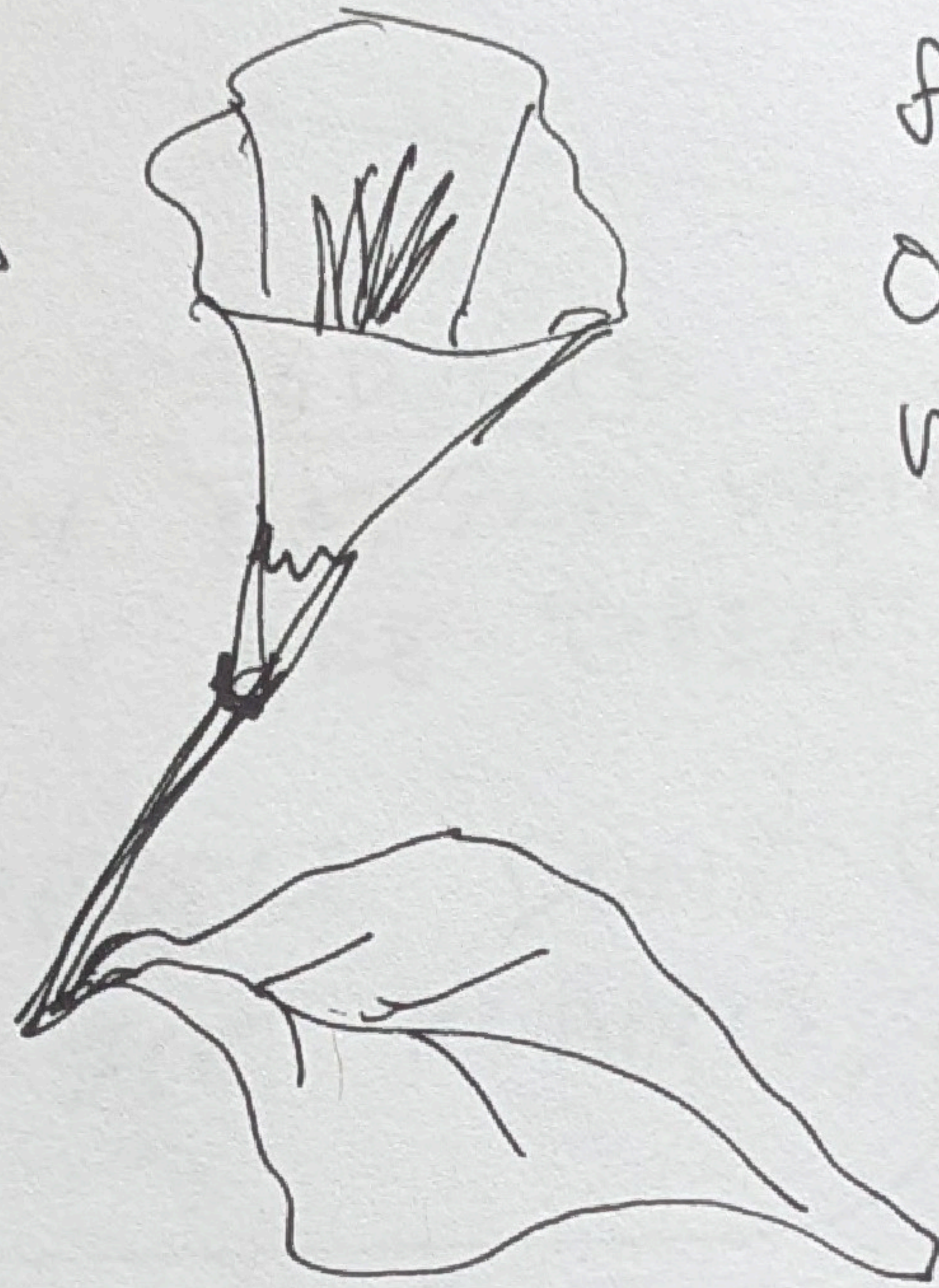
MOVING ON

AND GO AND ID. SOME PLANTS!



ALL ON A SINGLE DEVICE.

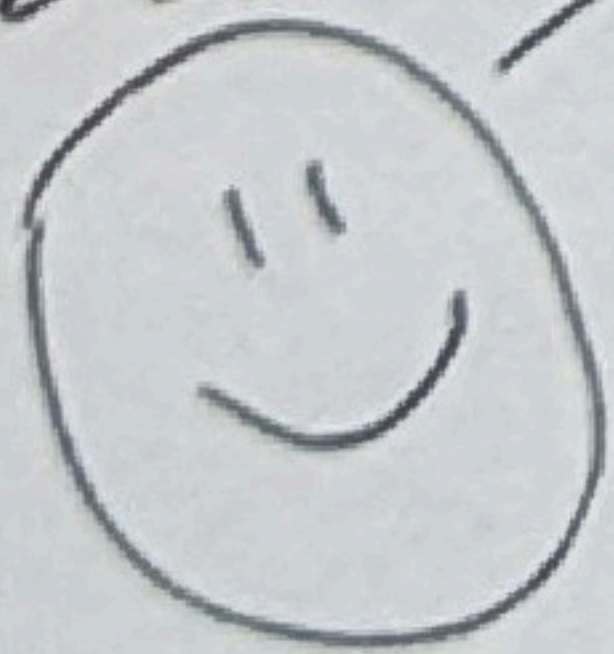
THAT IS PROVEN AND PORTABLE, OR ANY DEVICE YOU WANT!



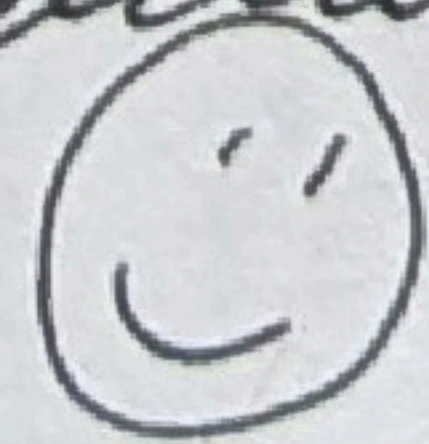
THE GOAL IS TO MAKE ECOLOGICAL KNOWLEDGE ACCESSIBLE AND CENTRALIZED IN A FUTURE-PROOF SEARCHABLE FORMAT

SO REAL PEOPLE CAN USE IT TO

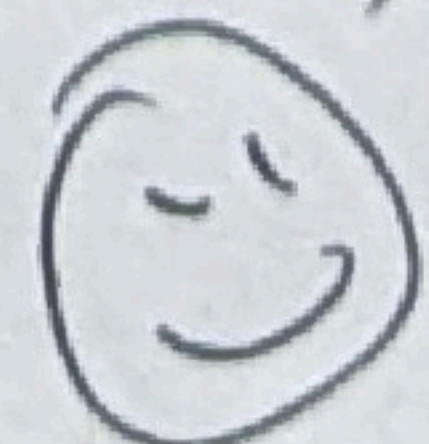
CONNECT MORE DEEPLY TO THE WORLD AROUND THEM



I DIDNT REALIZE SOME OF THE TREES HAVE NEEDLES AND OTHERS HAVE FINELY DIVIDED LEAVES

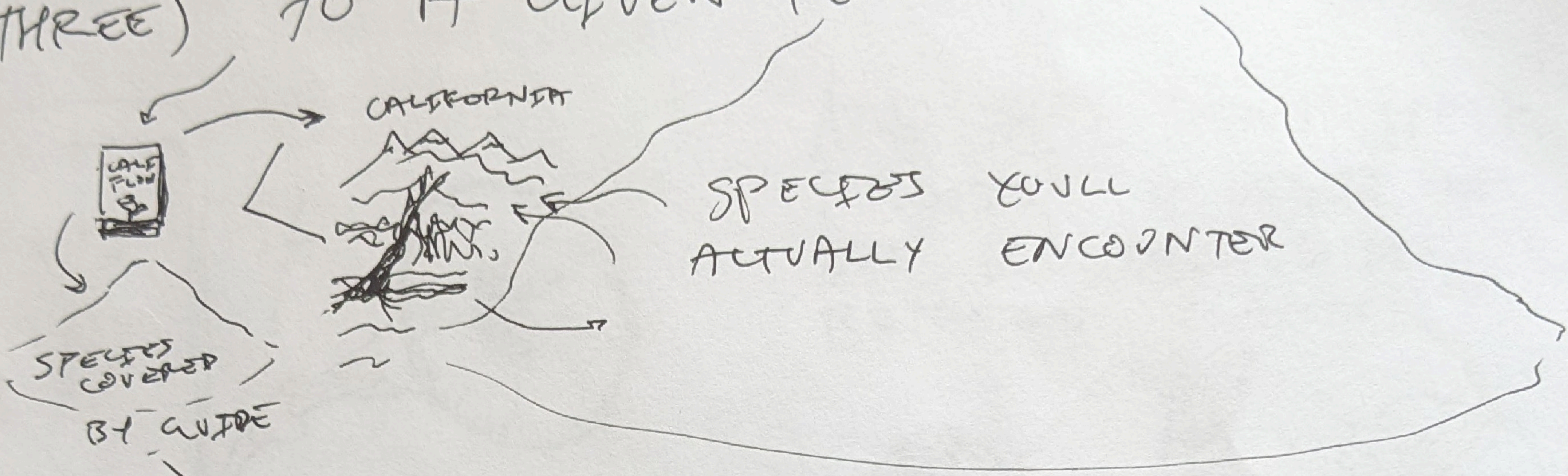


I DIDNT THINK I COULD IDENTIFY PLANTS! I THOUGHT I NEEDED LATIN!



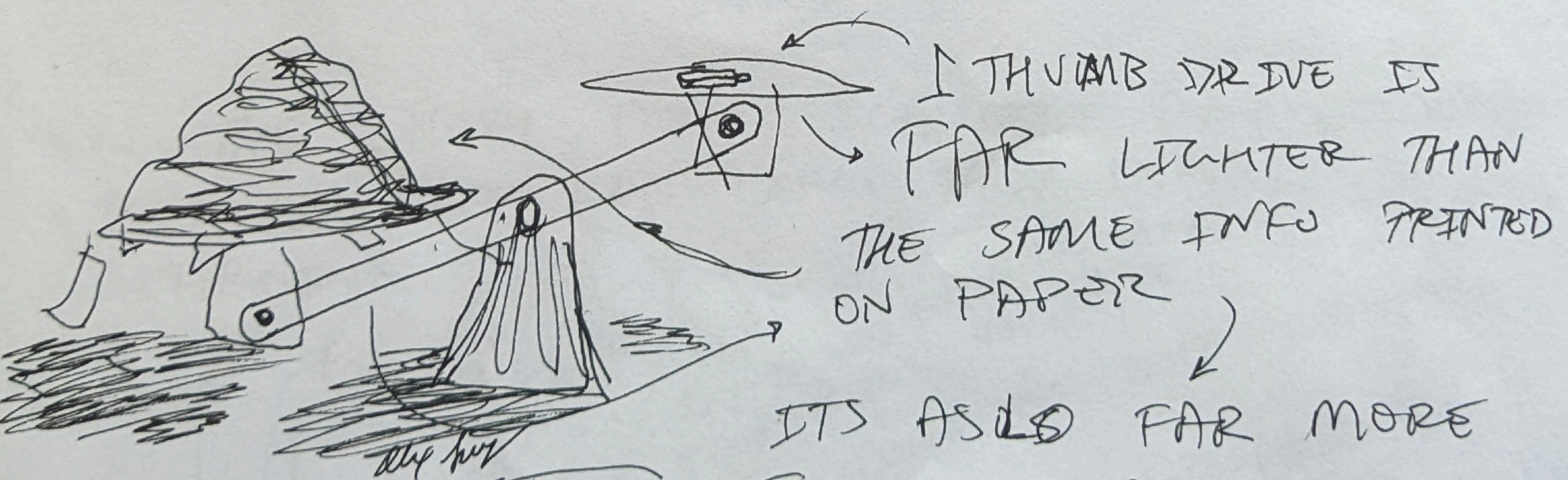
NOW I CAN CARRY MY BOTANICAL INFORMATION ANYWHERE I GO

GUIDES ARE CONSTRAINED TO THE MOST COMMON PLANTS OR ANIMALS OR FUNGI (RARELY ALL THREE) TO A GIVEN REGION.



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



THIS IS THE PROMISE OF THE DIGITAL AGE!

SEARCHABLE

SOME TIMES SCANNER APPS GET THE PLANT WRONG



AND THEY DONT HELP PROVIDE A SENSE OF THE RELATIONSHIPS BETWEEN PLANTS



IE. PEPPER FAMILY IS NOT CLOSELY RELATED TO POPPY FAMILY

AN APP TENDS NOT TO SHOW YOU THESE RELATIONSHIPS

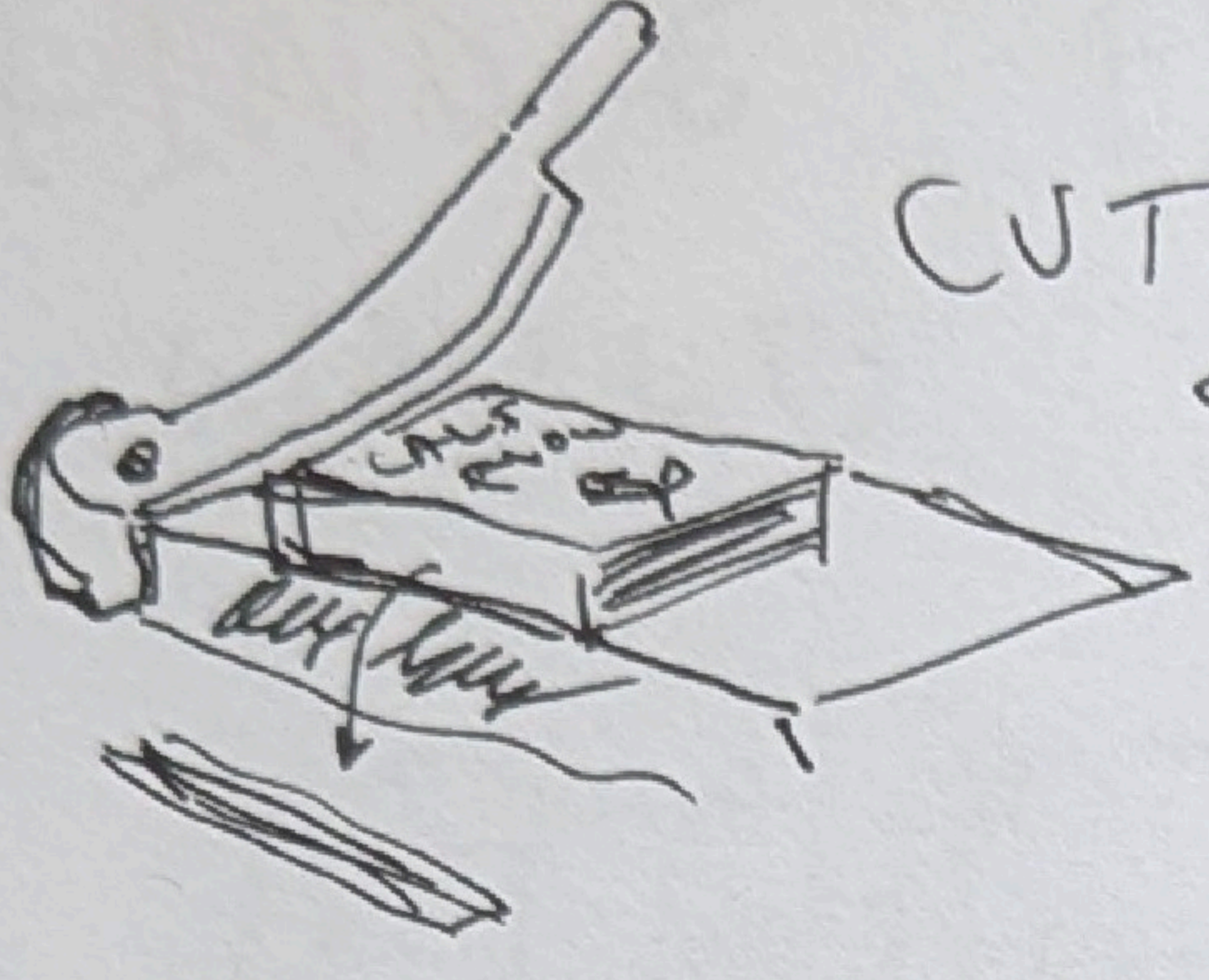
IN THE SHORT TERM SCANNERS ARE CONVENIENT, BUT IN THE LONG TERM THEY INHIBIT DEEP LEARNING



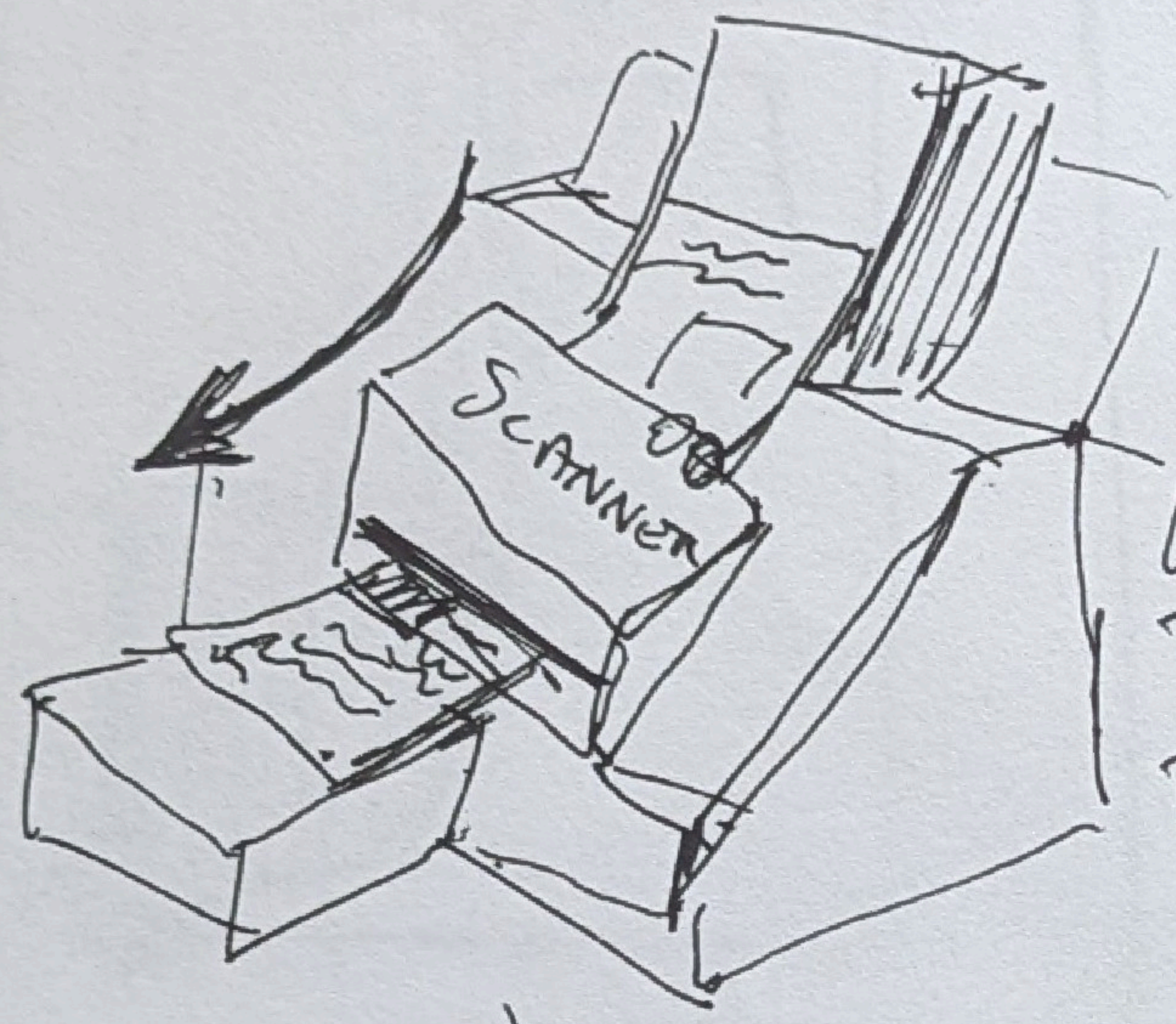
AND IF YOU HAVE TO CARRY EVERYTHING YOU HAVE, A FIELD WIDE JUST ISNT JUSTIFIED, NOR IS A BATTERY-DRAINING, INTERNET-REQUIRED APP



SO HOW CAN YOU INTEGRATE THE TWO?



CUT THE SPINE, ~~AND~~



SCAN THE PAGES
OR COMPILE THIS KNOWLEDGE
DIGITALLY FROM EXISTING
DATA BASES

TAG THEM DIGITALLY
BY A HOST OF
CHARACTERISTICS

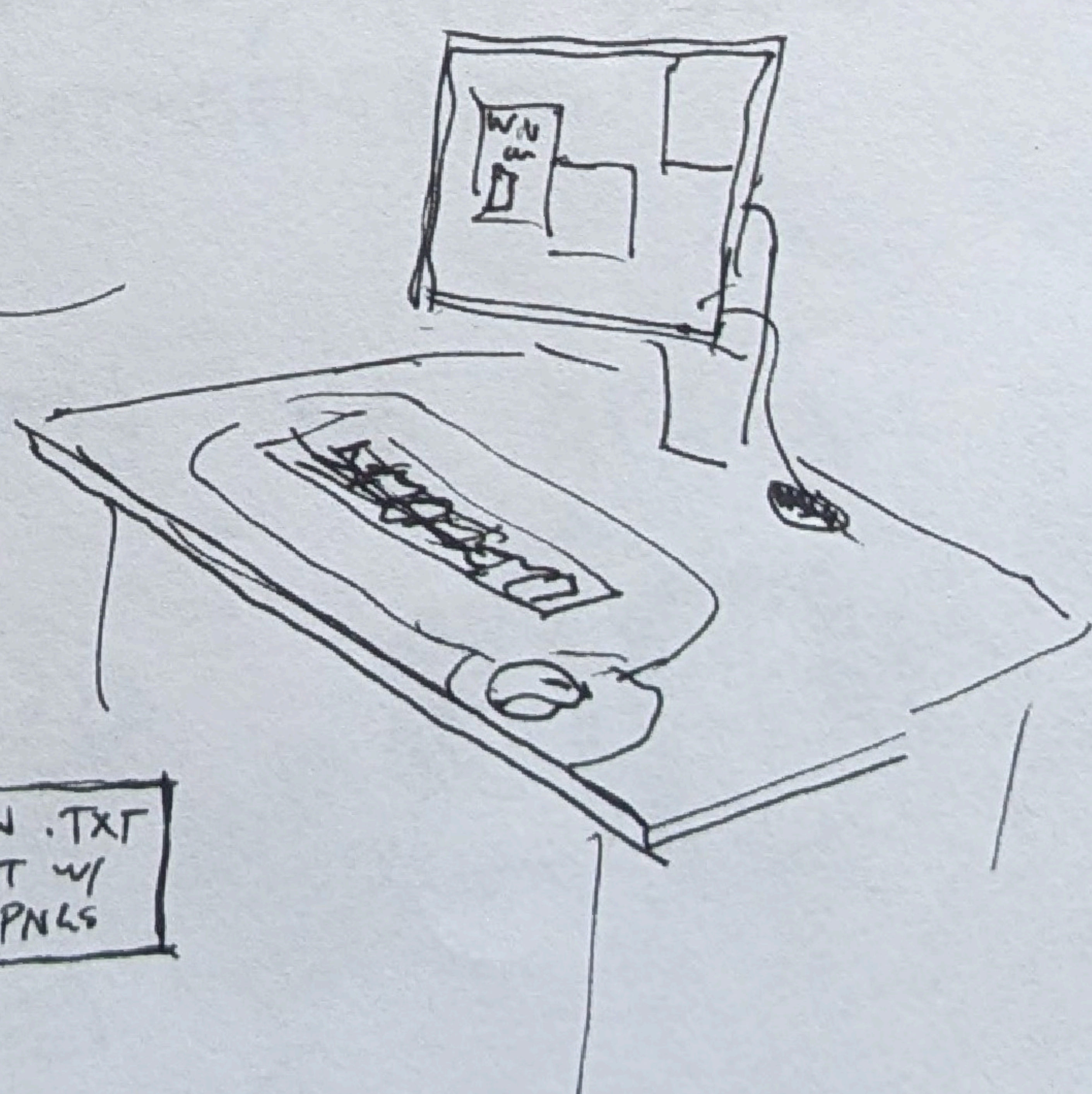
FOR A GIVEN PLANT

NAME: (COMMON)
 SPECIES
 GENUS
 FAMILY:

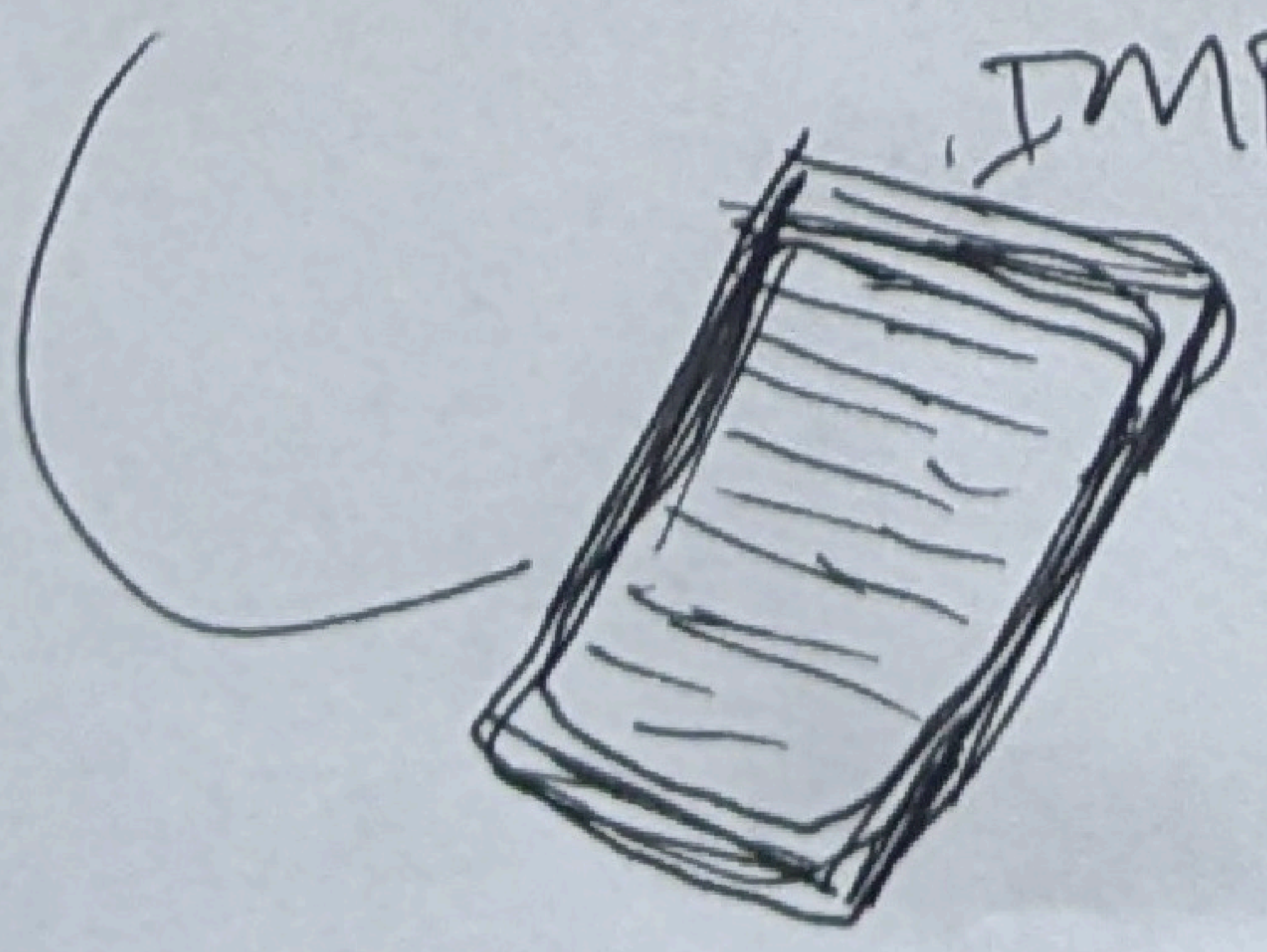
OCCURANCE:
 HABBITAT:
 RANGE:

LEAF ARRANGEMENT:
 ;

FLOWER COLOR:
 ETC...

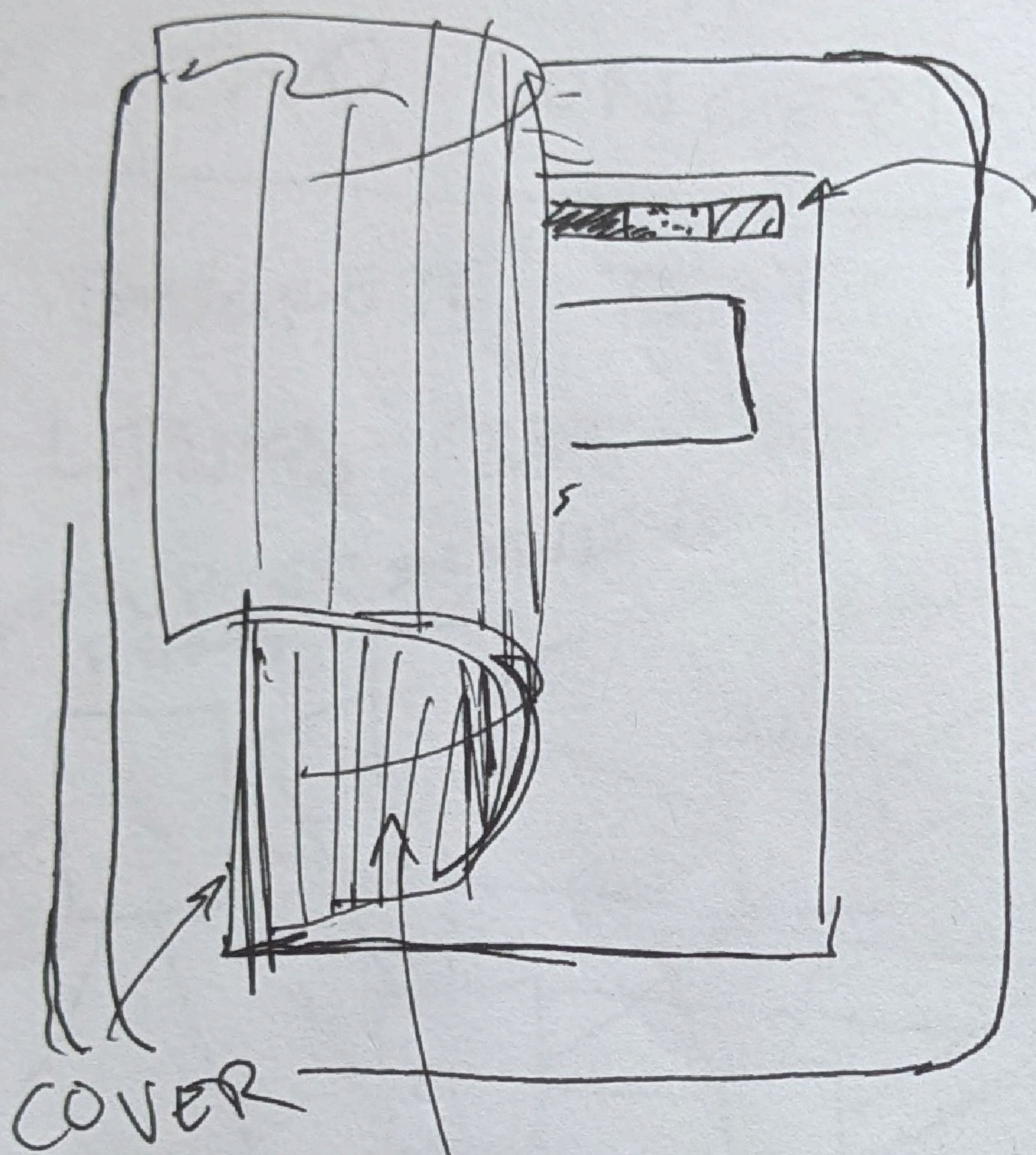


MAYBE IN .TXT
FORMAT W/
LINKED PNGS



IMPORT TO
KONDEL
VIA SOME PURPOSE BUILT
CWT

KINDLE FIELD GUIDE TO THE WORLD

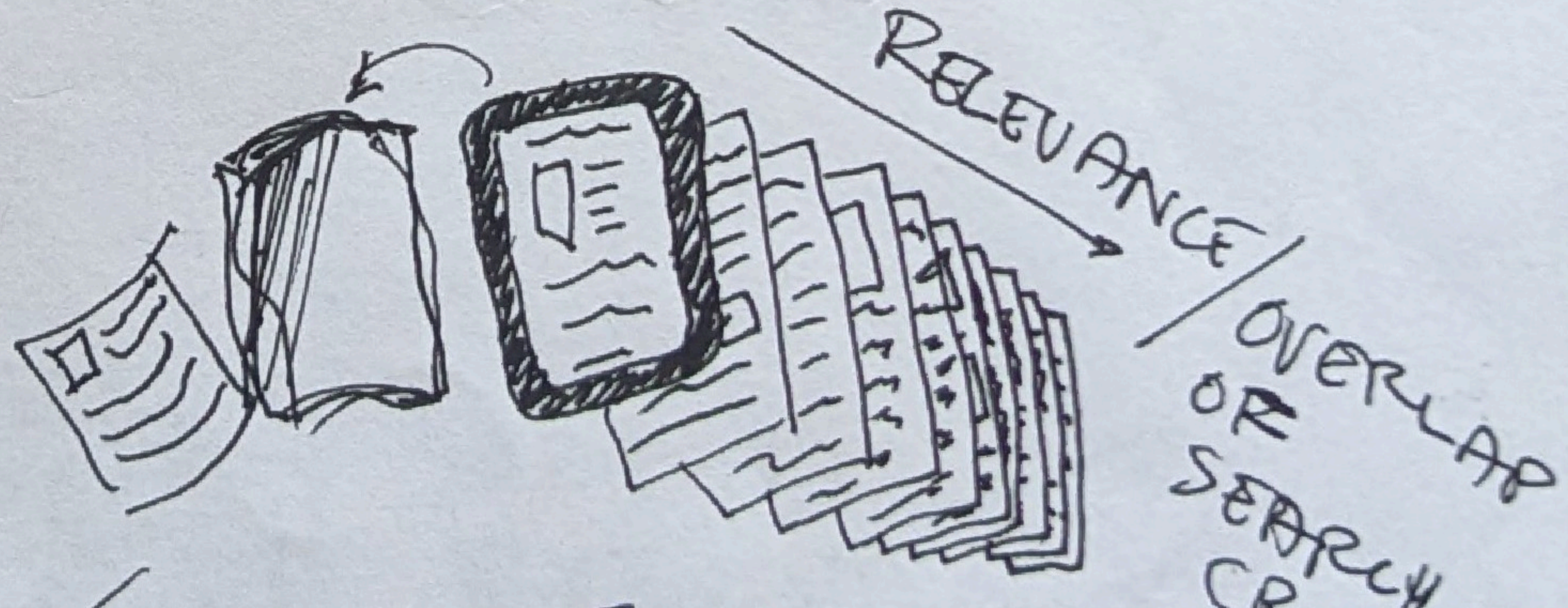


VISUAL WIDE
TO NEXT
MATERIAL,
VERY MUCH LIKE
FIELD GUIDES
TODAY ARE LAYED
OUT

* NO PAGE TURNING
ON KINDLE, DRAMATIZED
FOR REPRESENTATION

THE SEARCH FUNCTION

RE ORDERS PAGES



RELEVANCE / OVERLAP
OR
SEARCH
CRITERIA

RE ORDER
PAGES TO
GO THROUGH

HUGE STACK OF SHEETS

TECHNICAL DETAILS :

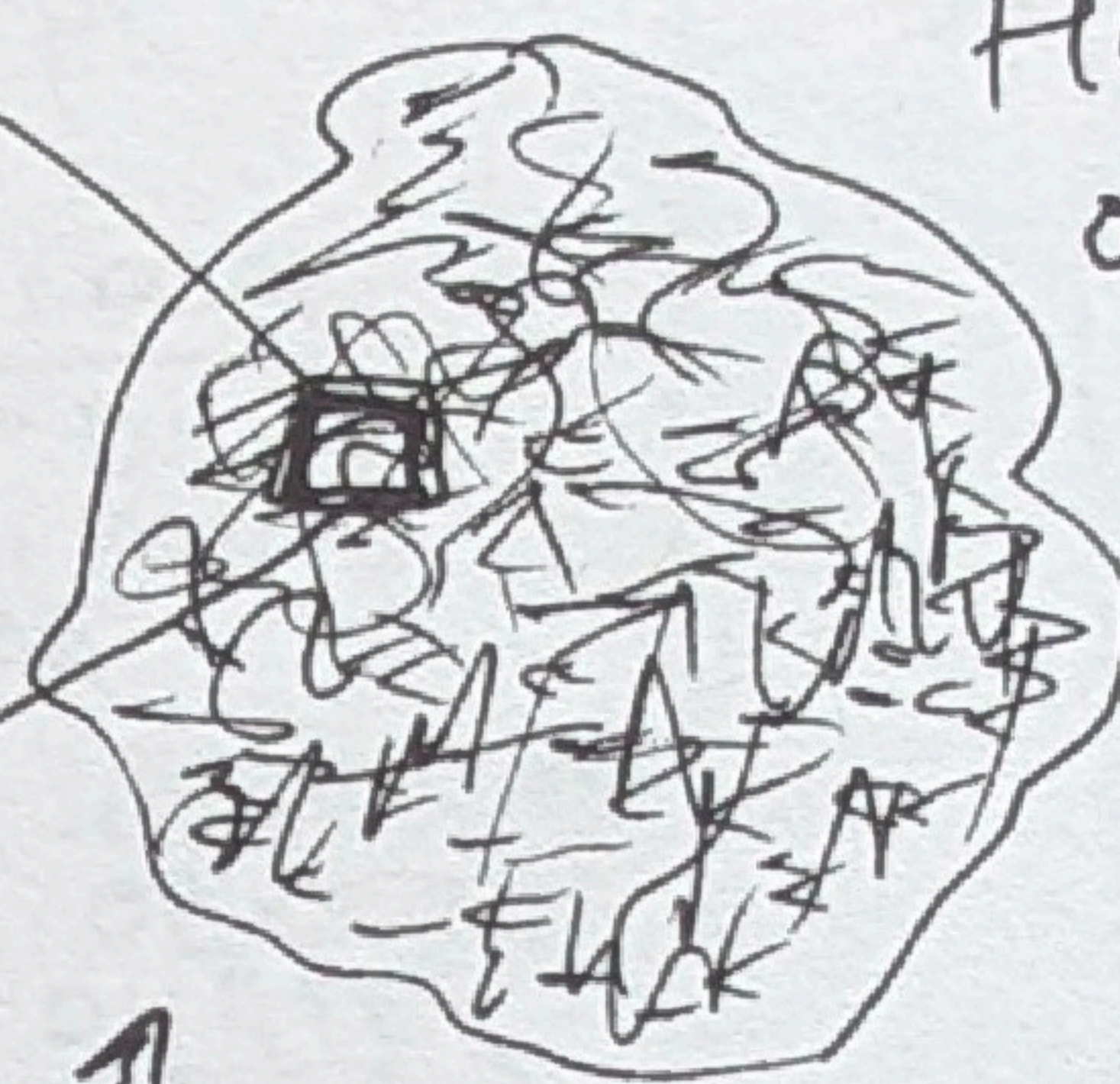
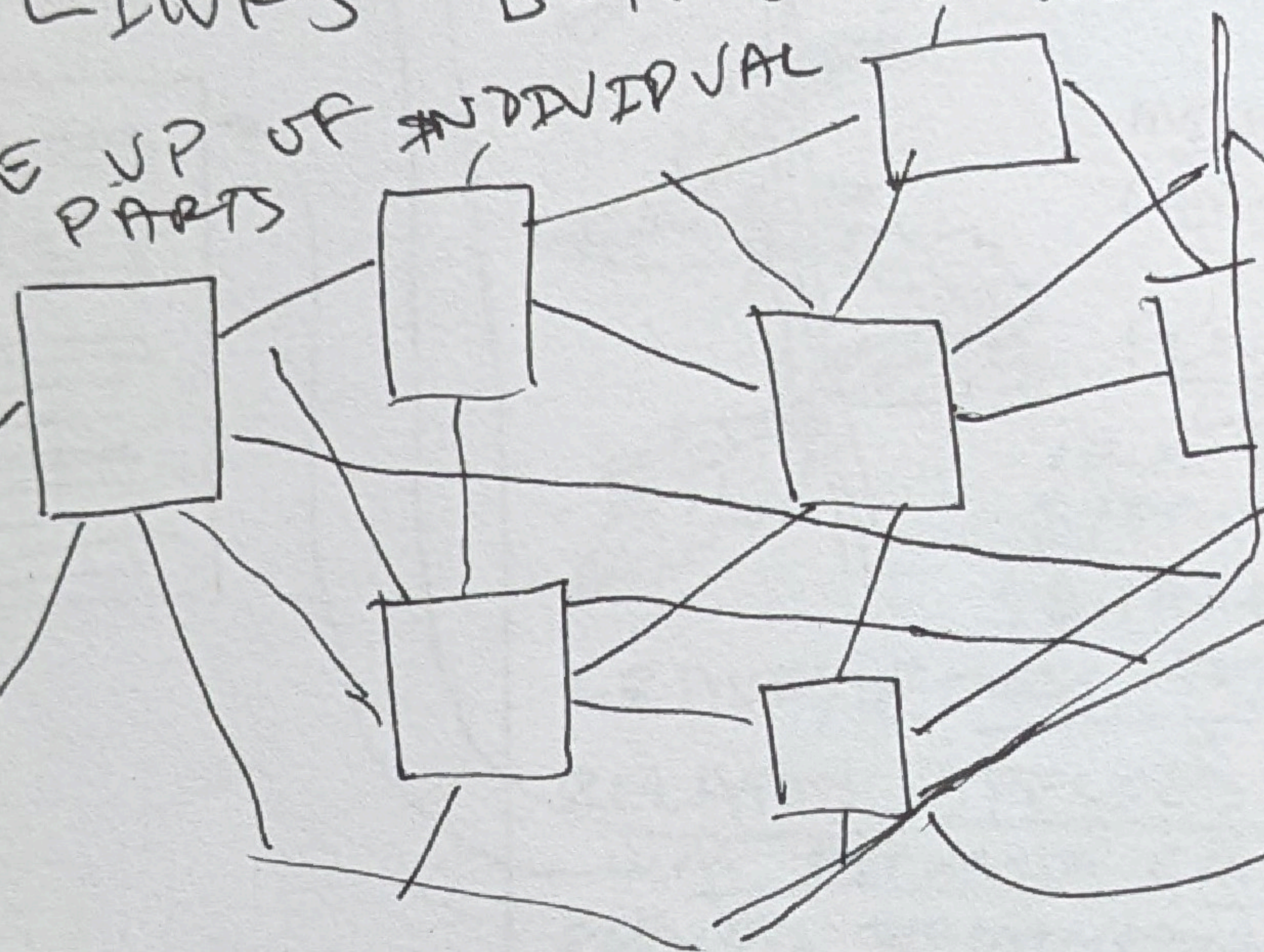
ULTIMATELY THE IDEA BOILS DOWN TO TWO CONCEPTS

1) DISCRETE TEXT PAGES ~~CONNECTED~~ BY

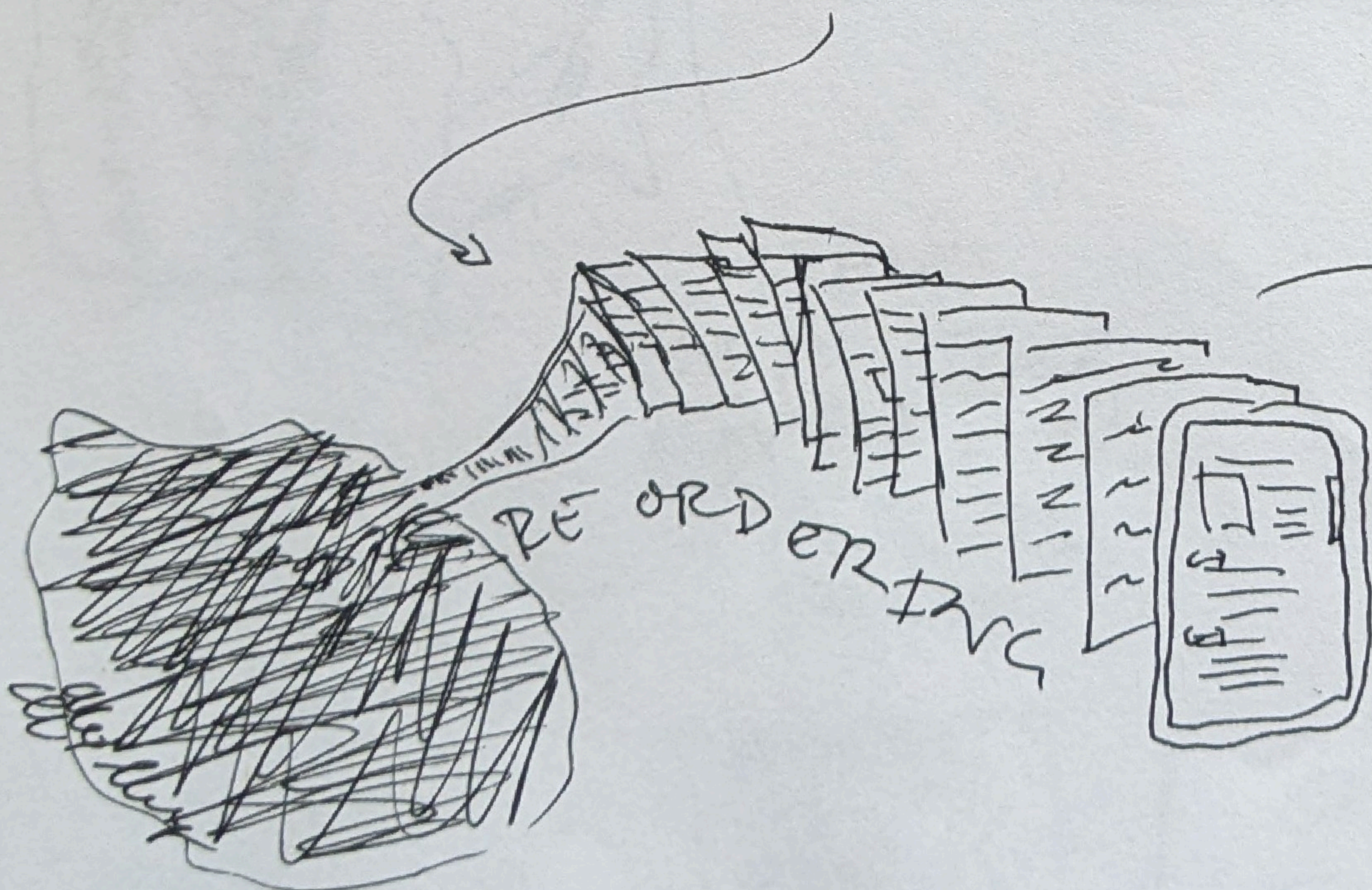
LINKS BETWEEN THE PAGES

MADE UP OF INDIVIDUAL PARTS

CREATING A HUGE WEB OF INFORMATION



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



SORTED FOR RELEVANCE

SO A HUMAN CAN DECIDE

A HYPOTHETICAL PAGE + LINKS!

FROM THIS ONE PAGE, YOU CAN FIND AS MUCH AS YOU NEED TO KNOW

LINKS TO THEIR OWN PAGES



BACK + FORWARD BUTTONS

MINT, FIELD MINT
MENTHA
 ARVENSENSIS

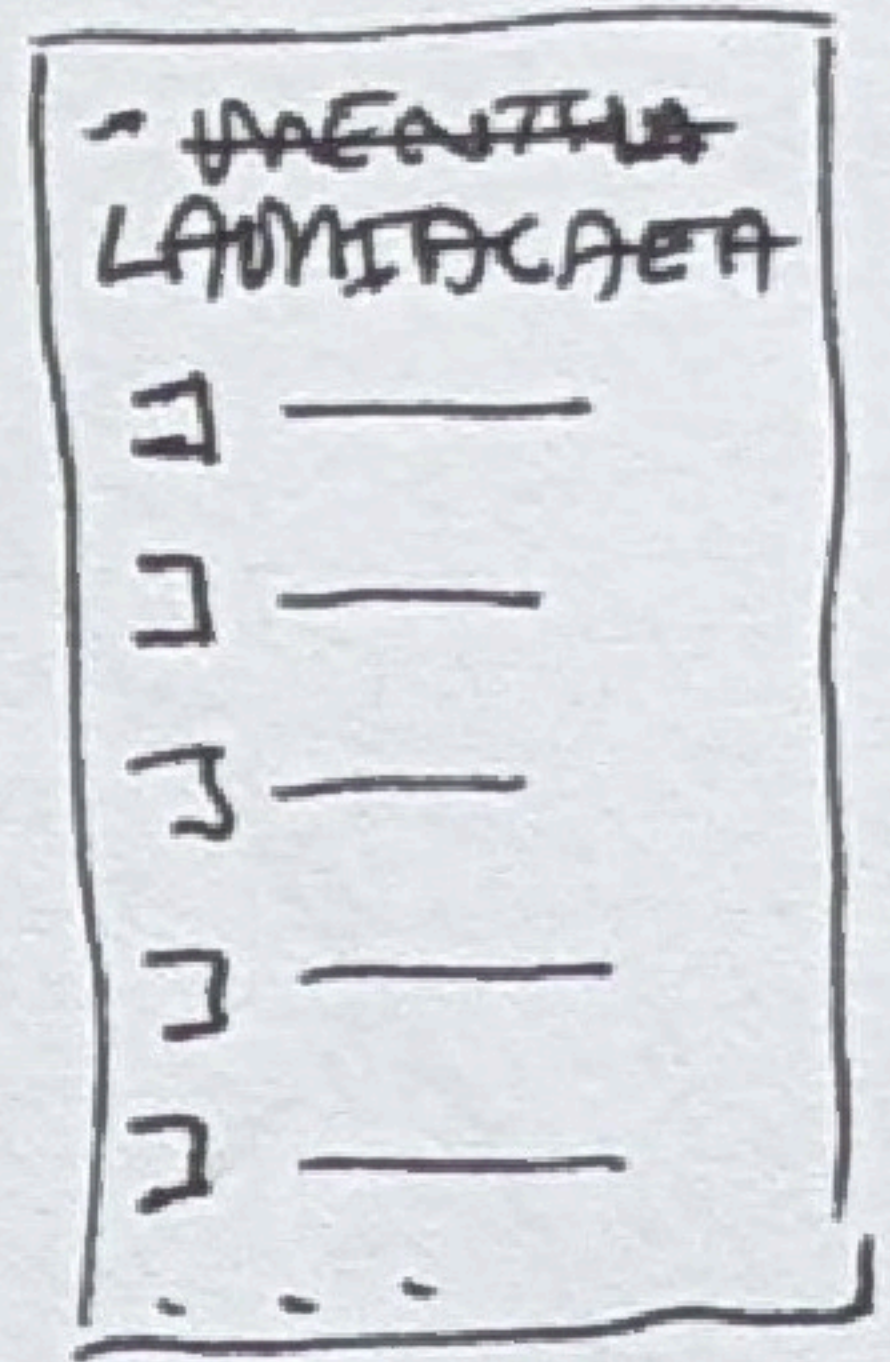
MINT FAMILY
 LAMIACEAE

FLOWER COLOR
 LIGHT BLUE
 LIGHT PINK, WHITE
 STEMS ARE
 SQUARE

LEAVES, OPPOSITE, OVATE, FINELY TOOTHED

BOTANICAL DRAWING OR IMAGE
 TAKES YOU TO LIST OF MENTHAS

LEADS TO PAGE OF ALL OTHER PLANTS TAGGED AS MINTS



ALSO TO LAMIACEAE

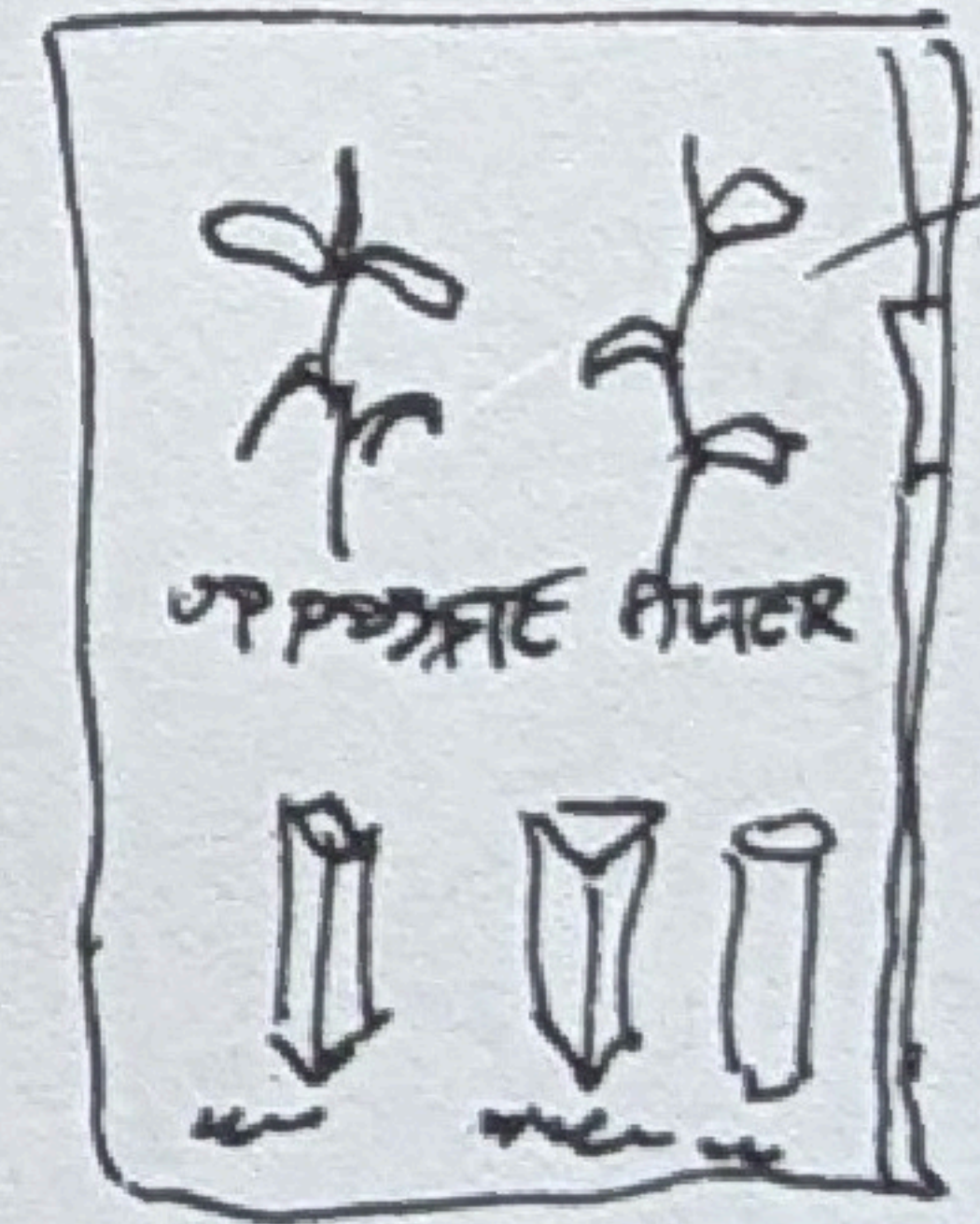
RELATED SPECIES:
 M. PIPERITA M. SPICATA HAVE FLOWERS TERMINATING IN SPIKES, INSTEAD OF CLUSTERS

TAKES YOU TO REGION MAP



REGION: G, Y, T, R. WET SOIL OF STREAM BANK + WET PLACES BELOW 7000 FT

TAKES YOU TO PAGE ABOUT PLANT ANATOMY



EACH OF THESE PAGES YOU TO EXEMPLARY SPECIES

INTERESTING FACTS:
 ARVENSENSIS MEANS 'OF FIELD'. OILS ARE VARIABLE W/IN LEAVES

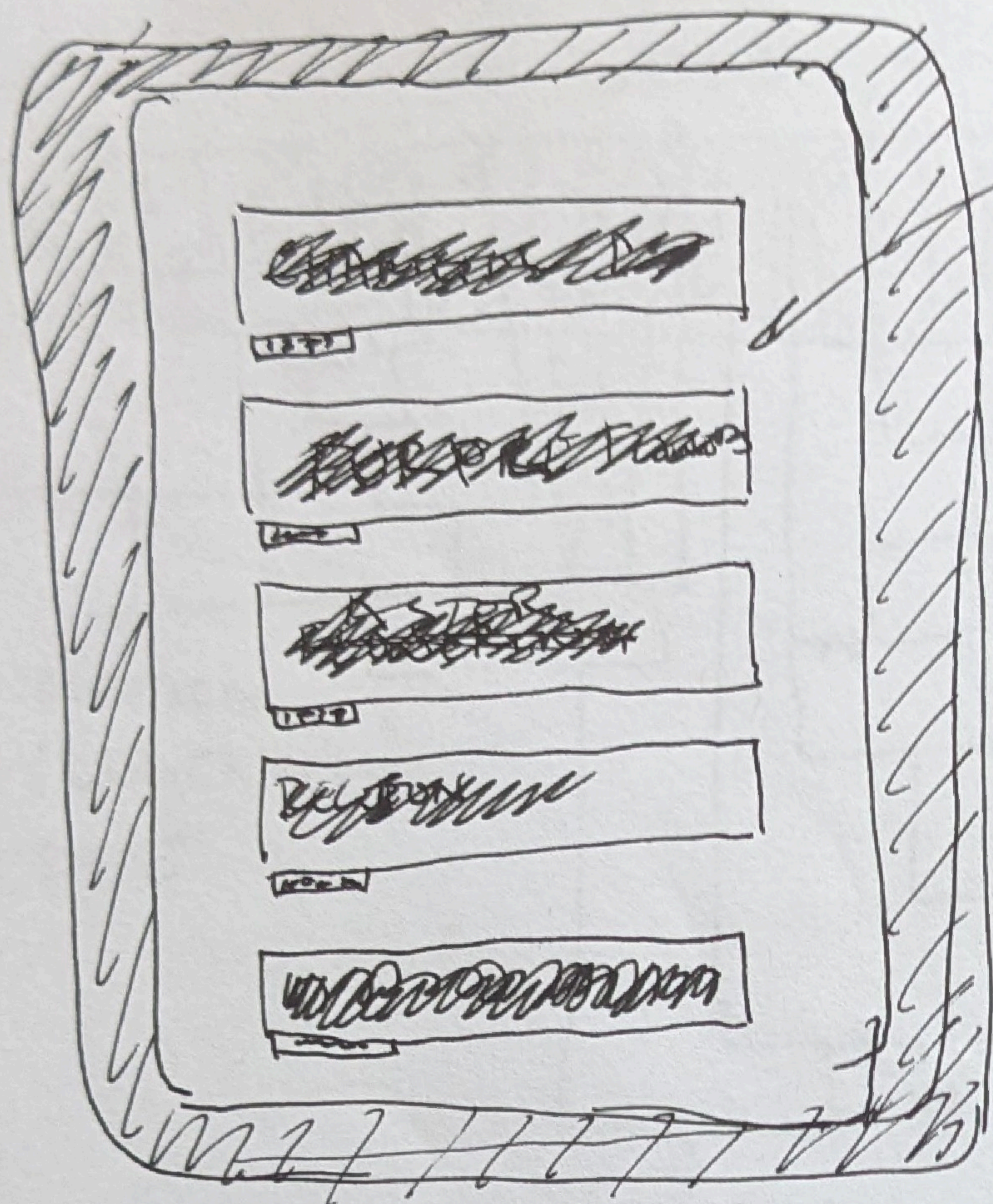
TAKES YOU TO OTHER RIPARIAN PLANTS PAGE



ALL INFORMATION IS SEARCHABLE THROUGH TEXT SEARCH AS WELL

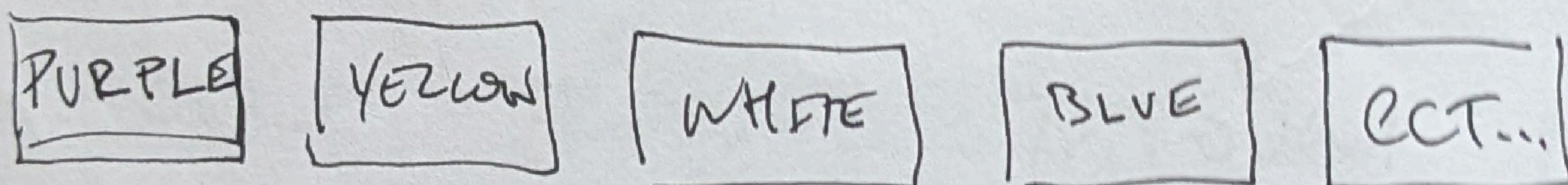
IN THIS WAY INFORMATION IS AT YOUR FINGER TIPS, AND SORTED, IN EFFECT, BY RELEVANCE TO YOUR PLANT

My hup



ANY CATEGORY
THAT PULLS RELEVANT
TAGS

COLOR



REGION

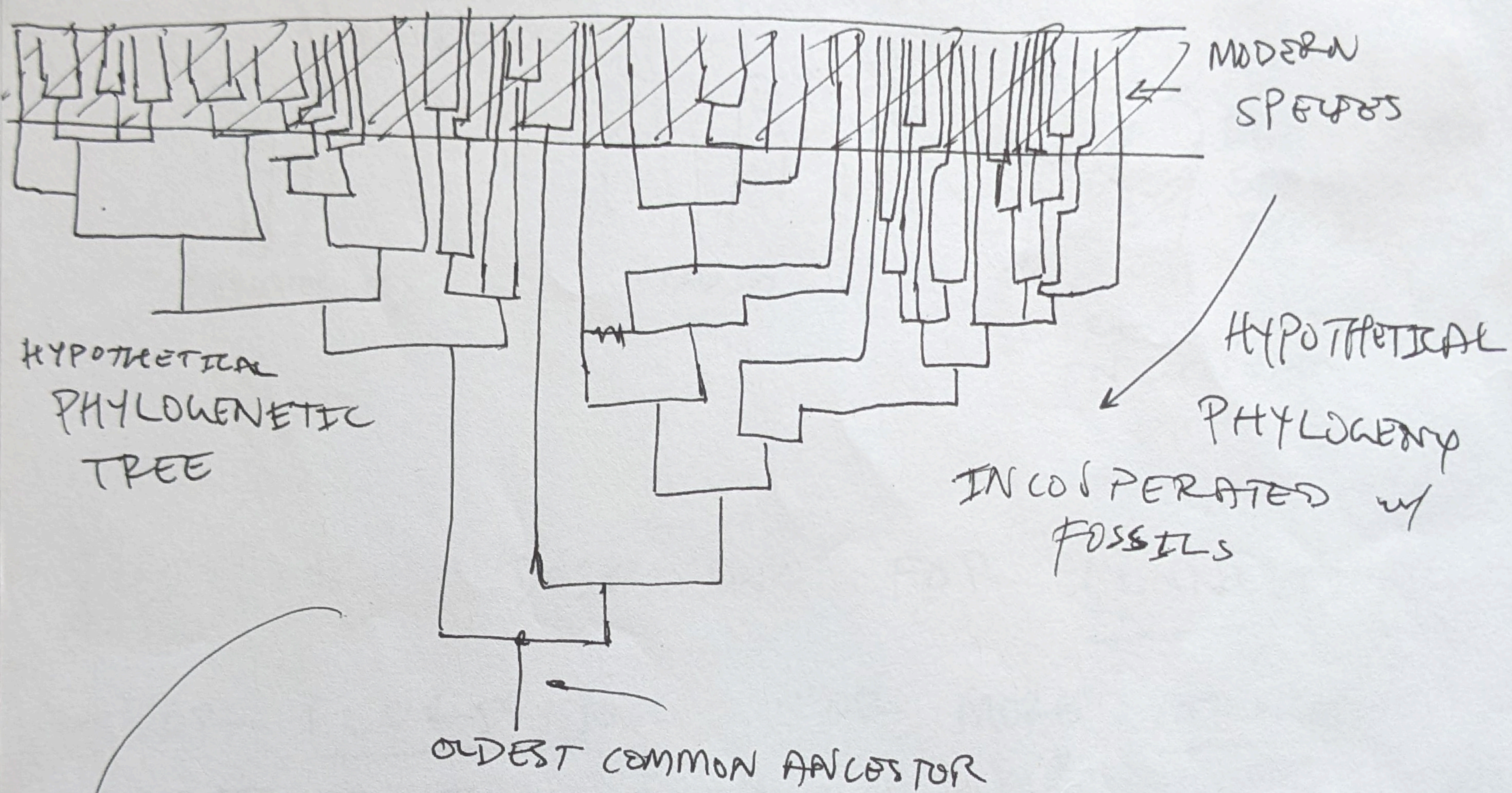
MAP SELECT COULD
BE AWESOME!



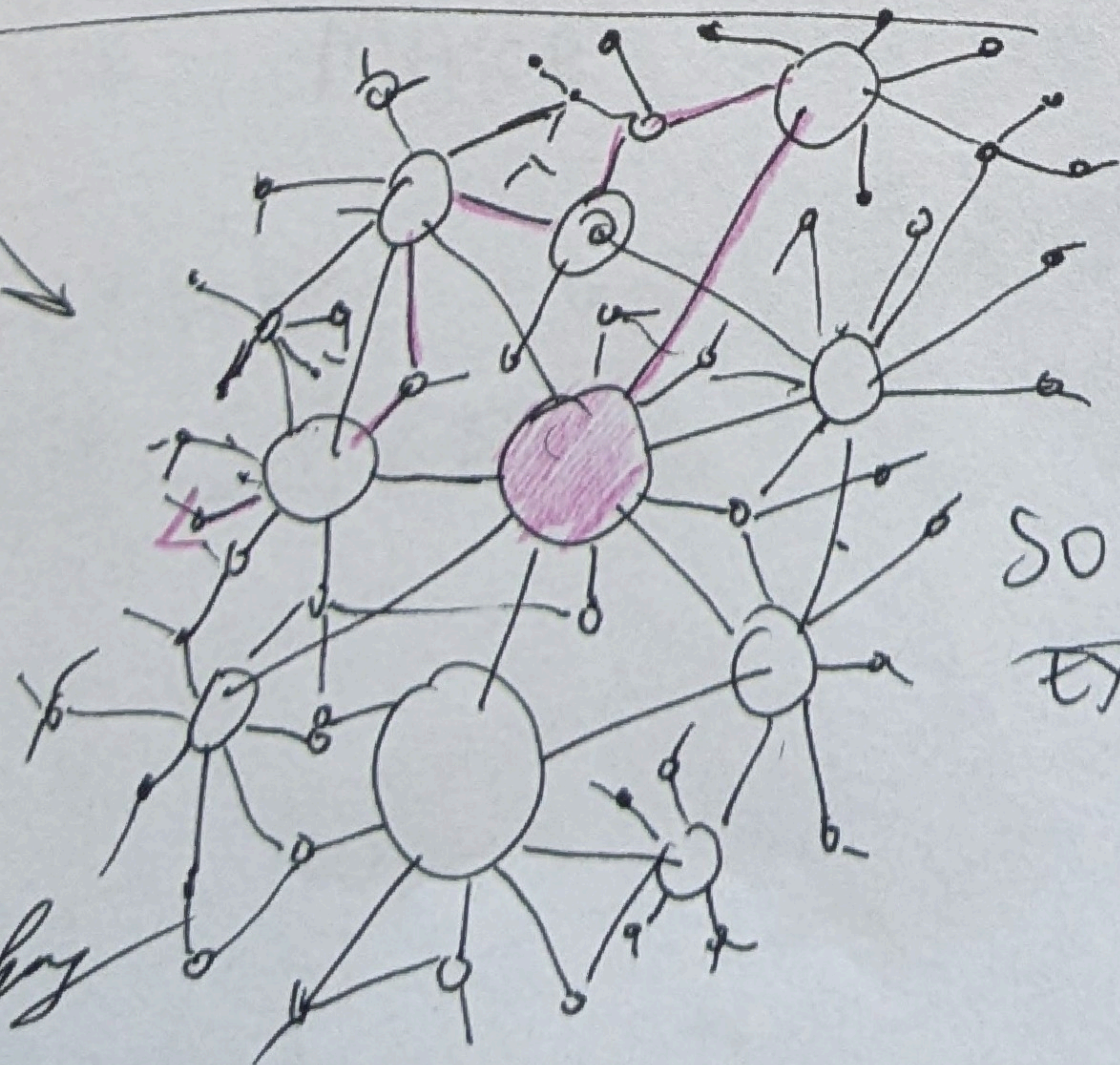
AND OTHER RELEVANT FEATURES
LIKE GILL ATTACHMENT (FOR MUSHROOMS) OR
~~THE~~ PISTIL / STAMEN COUNT FOR ANGIOSPERMS

KIND OF WIDE SEARCHES THROUGH THESE

BUT IT WOULD BE VERY INTERESTING TO BE ABLE TO NAVIGATE THE PHYLOGENY



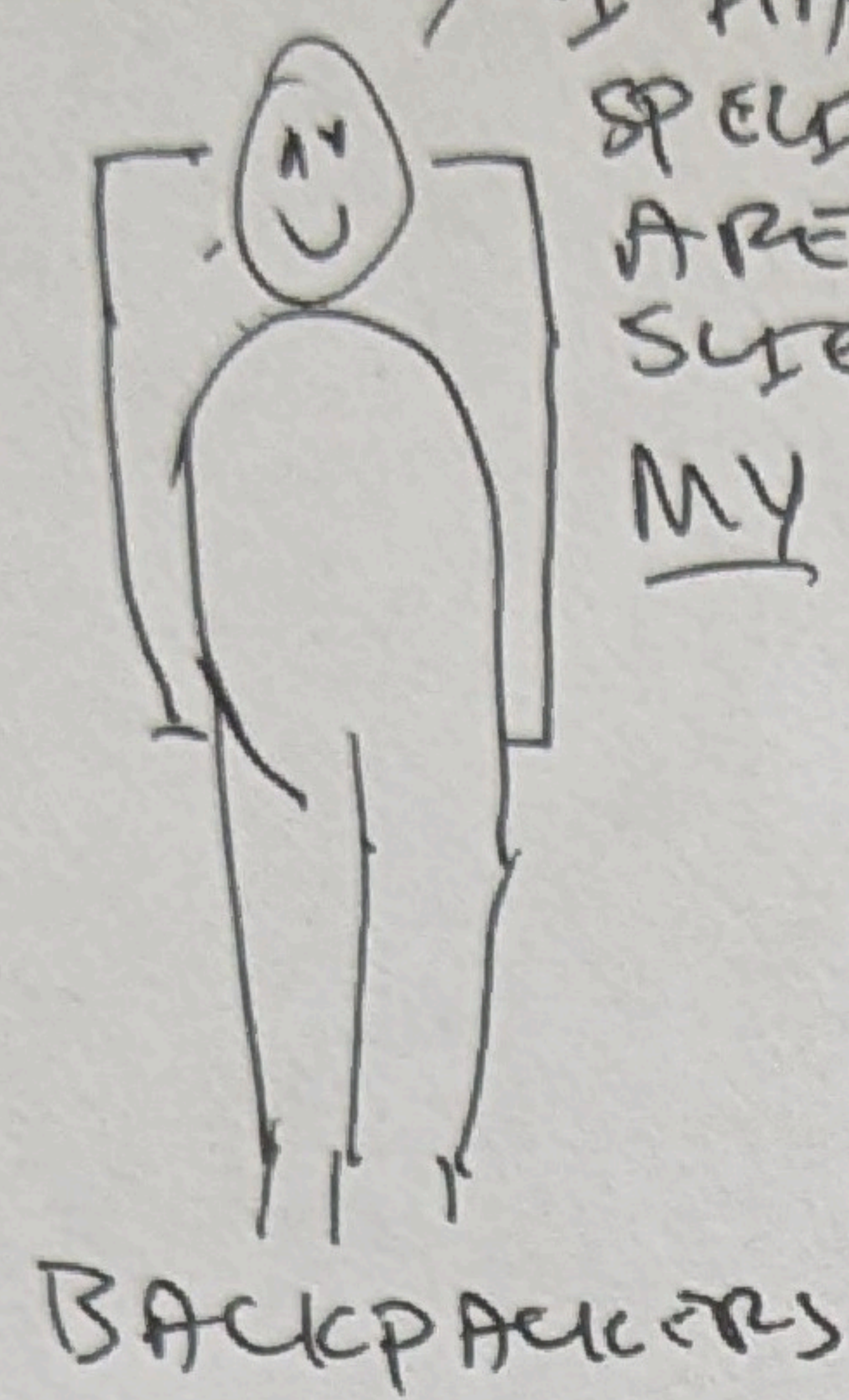
YOU COULD TRAVEL THROUGH THE WEB OF PHYLO-GENETIC LINKS TO WHEREVER YOU WANT TO GO!



EVERYTHING IS RELATED, SOMEHOW.

SO ALL YOU NEED TO IS EXPLORE.

my boy



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 w/ MY KIDS B/C WE LOVE IDING THE PLANTS AND ANIMALS

WE WANT TO WALK OUTSIDE!



I ALWAYS WONDERED // AND NOW I KNOW, AND IT SEEMS LIKE ~~THAT~~ 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 ACCESSIBLE WE MAKE OUR WORLD A BETTER PLACE BECAUSE WE GIVE PEOPLE THE TOOLS TO CARE

ay by