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Spatial graph w/ nodes

Have a view switch from node to Heat

Time graph

Scatter plot

- Depth, Lat, Long



Bar graph

- Species, depth

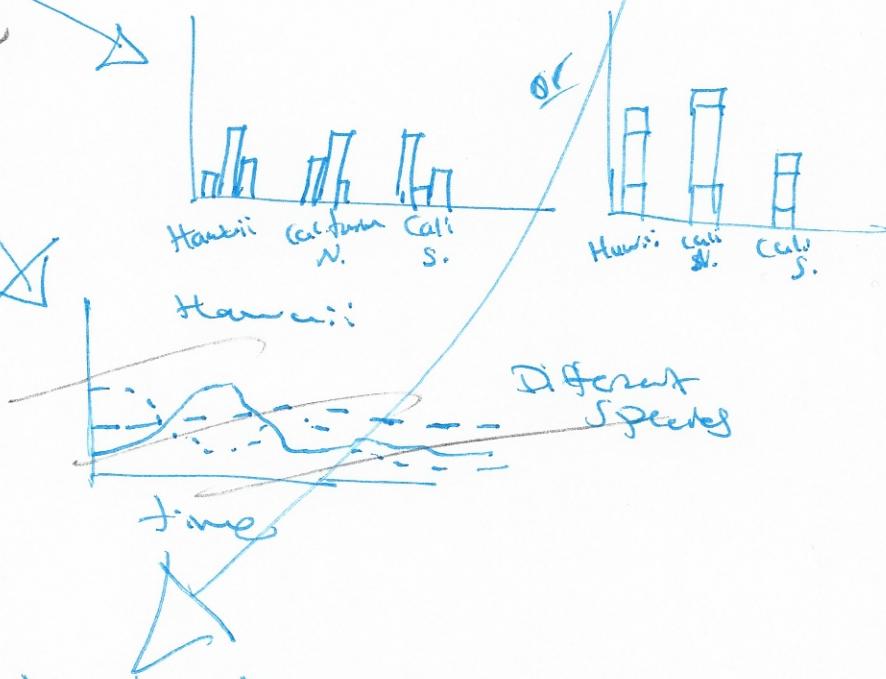
Combine

Bar graph

- locality, species

Time duty to space
Timeline of a species
in a area

Heat map of
species



Have node spatial to start by
surfacing to next map allows for
locality specification

↳ merges into bar graphs

Full Screen map



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- Able to pan/zoom around map
- Reset back to original screen
- Filter by species/type

Shape for

= Coral/sponge

Color = Species

- Clicking a node



- Switch to Heat mode



Color = Species

Infill = Coral/sponge

- Highlighting a heat node tells its locality
- Clicking locality will bring to page 3

Cons

- A lot of data at once
- Might get cluttered
- Might not be intuitive for the user
- Needs to go to next page to access page 3.

Pros

- Can easily show all data
- Get an understanding on where/what data is
- Easily move into more detailed info

Phase 4

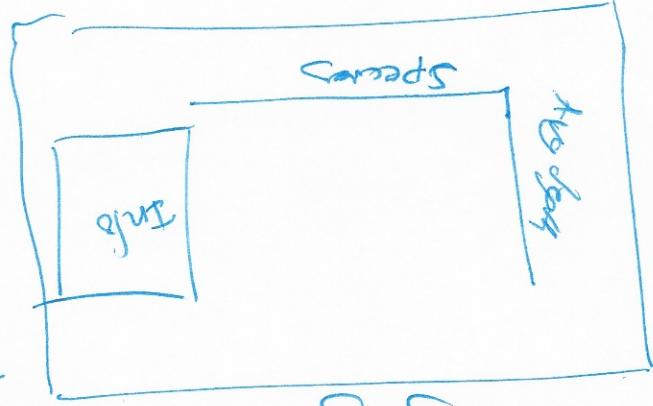
- very simple in design
- no connection to spatial maps

Cons

- easily understand by most audience
- easily show on site in detail

Pros

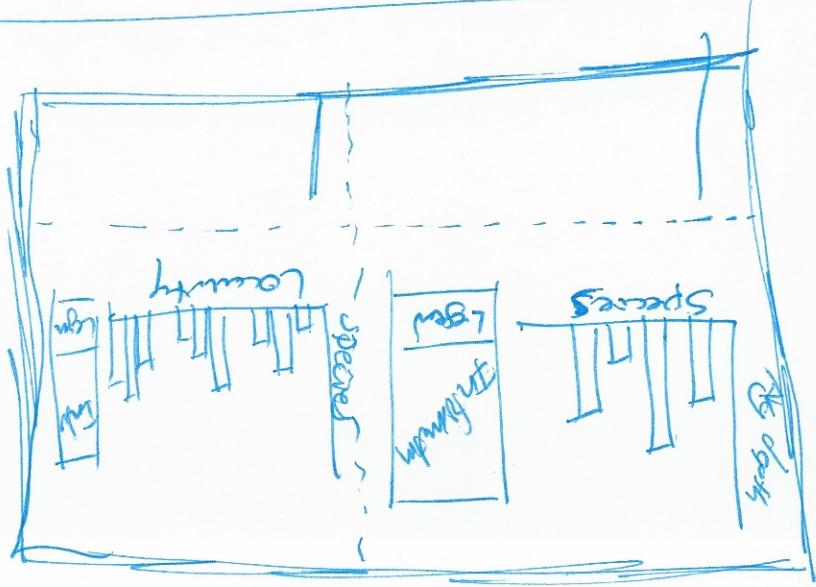
- By clicking graph allows zoom in to specific graph

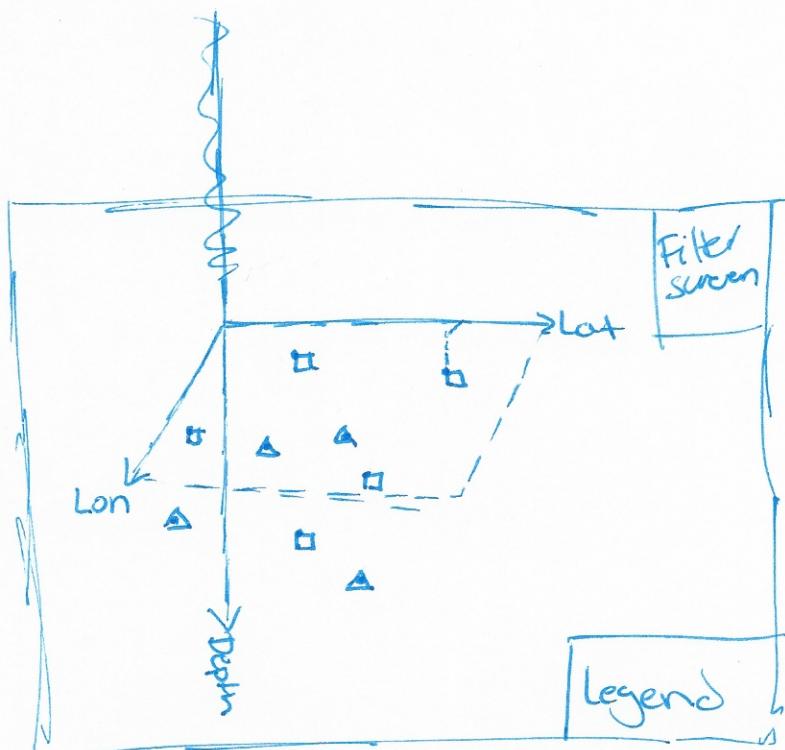


- Clicking graph area

- filter by attributes
- specific graphs
- estimation of how graphs
- suitable for multiple

graphs. Examples: birds, mammals, etc





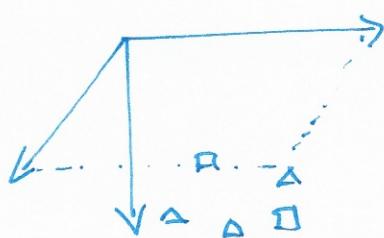
- Able to zoom and pan/rotate graph
- Highlighting node brings up orientation lines
- Shape for coral/sponge
- Color for species
- Filter by species/type

- Clicking node



Clicking outside will deselect it

- Selecting locality



Removes/zooms nodes not in that locality, allows for correlation/altiers

Pros

- Easily find outliers of depth and position
- Easily filtered into more specific domains

Cons

- Its 3D
- Hard to get your bearings once it is opened
- Could easily get lost within it (disoriented)