

Phenology of Place II
 Proposal
 10 Jan 2015
 Wendy/Anthony

Have
 =
 Need

Want

Output
 Format

New Skills

NP Fieldguide
 JS Mobile
 Website
 (CSC 130)

Fieldguide
 app

Format/User Experience

Mobile First
 (jQuery Mobile)

Array
 Specs
 Phenophase
 lat/long
 areatheme

Web site
 Presentation

diff
 screen
 size
 Responsive
 design

Interest/
 Possible Use
 (Kinga
 question)

Geoplants
 Trail/Route
 Tour Guide
 using
 existing geo-referenced
 photos
 25 markers/
 - recap/
 virtual tour
 of
 field trip

Images
 Phenology
 Phases
 user request

Field trip
 Route
 marker

location
 phase
 phase
 life
 marker
 (easy to
 use)

Spatial
 Component
 (Query 300/400
 Leaflet
 map)

JSON

JS

location

Array

Specs

Phenophase

lat/long

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Phenology
 Photo
 Database
 (fmp)

what
 four
 coord

Plants
 and
 animals
 from
 field
 trip
 photos
 13

Database

Form
 HTML

PHP

SQL

DB

ESX

Species
 webpage
 template

Image

Metadata
 Name: Chamaecrista
 Location: Gammill
 Photo: 1/2/2015 10:00:00 AM

Species
 webpage
 template

Access / Serve Database
 through HTML
 Form request

Return value
 (JSON)

jQuery

Search

Check
 status

new to
 source /
 slideshow
 phenophase

Click to
 open
 for Mobile

Exit
 Phenology
 Change

Show
 location
 on map

do CSV -> SQL
 upload images / name format
 HTML -> DOM
 JS -> Switch Array / dropdown / search

jQuery

Search

Phenology
 Photo
 Database
 (fmp)

Plants
 and
 animals
 from
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