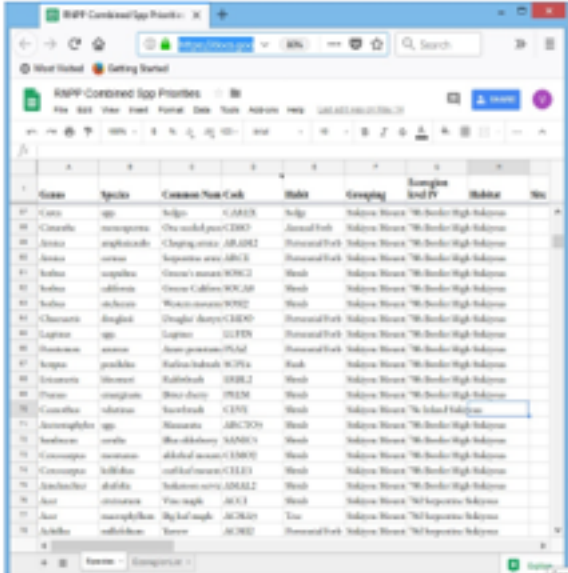


ROGUE NATIVE PLANT PARTNERSHIP DATABASE UPDATE



Development Involved

- Outline DB needs
- Gather Data from Partners
- Species selection meeting
- Screen different database software
- Populate initial database structure
- Start developing protocols for partner users



Name	Species	Common Name	Code	Status	Grouping	Sample and TV	Habitat	No.
1	api	api	00001	Herb	Native	Herb	High	1
2	api	api	00002	Herb	Native	Herb	High	2
3	api	api	00003	Herb	Native	Herb	High	3
4	api	api	00004	Herb	Native	Herb	High	4
5	api	api	00005	Herb	Native	Herb	High	5
6	api	api	00006	Herb	Native	Herb	High	6
7	api	api	00007	Herb	Native	Herb	High	7
8	api	api	00008	Herb	Native	Herb	High	8
9	api	api	00009	Herb	Native	Herb	High	9
10	api	api	00010	Herb	Native	Herb	High	10
11	api	api	00011	Herb	Native	Herb	High	11
12	api	api	00012	Herb	Native	Herb	High	12
13	api	api	00013	Herb	Native	Herb	High	13
14	api	api	00014	Herb	Native	Herb	High	14
15	api	api	00015	Herb	Native	Herb	High	15
16	api	api	00016	Herb	Native	Herb	High	16
17	api	api	00017	Herb	Native	Herb	High	17
18	api	api	00018	Herb	Native	Herb	High	18
19	api	api	00019	Herb	Native	Herb	High	19
20	api	api	00020	Herb	Native	Herb	High	20

Initial species list in excel

Initial database needs and I'd 4 things: Plant info, partner info, collection info, visualizations/data access by partners

Got awesome info from partners, thank you for participating

Species selection meeting=use Oregon flora project+partner lists/reports and then refine from there

Looked through access, online DB's, excel, google drive, and mapping apps: settled on airtable

Began populating large lists with needed info (common names, codes, habitats, etc.)

To develop protocols for partner access we imagined how partners will want to use the data, and began to plan for how that will be made available from the DB. This led to us thinking we'd need to house sets of data, be able to import data, map this data, and query/request info.

Introduction to Airtable video:

<https://youtu.be/rolyTaAuJE>

Why Airtable?

Flexible, all operating systems, cloud based, easy and intuitive, lots of data types, free

Why not access, excel or a mapping app?

Basically they are all limiting in one way or another and airtable has minimal limitations

Current Status with Database in Airtable

	A Genus	A Species	A Common Name	A Code	Habit	EcoRegion Grouping	EcoRegion
117	Symplocos	villosa	Commonnouberry	SYAL	Shrub	Siskiyous	70h 70a
118	Symplocos	mollis	creeping snowberry	SYMO	Shrub	Siskiyous	70h 70a
* ...							
EcoRegion Grouping							
Valley & foothills Count: 79							
Perennial Forb Count: 28							
119	Viburnum	sp.	viburnum	VBUR	Perennial Forb	Valley & foothills	70h
120	Achillea	millifolium	Yarrow	ACML	Perennial Forb	Valley & foothills	70a Rogue/70b
121	Camassia	quamash	Small camas	CAQU	Perennial Forb	Valley & foothills	70a Rogue/70b
122	Dichelostemma	capitatum	Bluebirds	DICAM	Perennial Forb	Valley & foothills	70a Inland Sisk
123	Asclepias	cordifolia	heartleaf milkweed	ASCO	Perennial Forb	Valley & foothills	70a Inland Sisk
124	Lupinus	albifrons	Silver lupine	LUAL	Perennial Forb	Valley & foothills	70a Inland Sisk
	Eriophyllum	lanatum	Common woolly sunflower	ERLA	Perennial Forb	Valley & foothills	70a Inland Sisk
125	Apocynum	androsaemifolium	Spreading dogbane	APAND	Perennial Forb	Valley & foothills	

Currently the plant info (biggest dataset) is mostly populated, we will add info when partner prioritization. Still open additional partner data dumps

Two other tables of partner info (projects, past seed orders, nursery info, etc) and seed collection (GOS info, quantities and quality, annual visits, productivities, etc.)

During data population we can start to link the tables to each other

We also are currently reading to get out in the field and develop seed collection protocols, will refine database at this point

Next Steps

- Partner prioritization
- Continue Populating DB
- Seed collection efforts
- Test data collection and tracking
- Continue research about useful software and mapping applications
- **Develop partner access to database and useful visualizations of data**



Partner prioritization information will inform the plants of high use, easy plants to collect and grow, desired species that may be difficult to collect and/or grow, etc. Now that we have the species list populated we are moving forward with partner information and seed collection. This info will connect priority plants with who is working with them, where they come from, and where they go.

This summer we're moving forward with seed collection efforts throughout the rogue basin, and will be testing our tracking techniques and how to most effectively import info into the DB. This will include testing data collection apps on phones and tablets (forms w/ dropdowns, GPS, Images that are easy to get and use for partners)

We will be tracking other information uses and needs that we didn't foresee during initial DB development

Other useful software may include a bridge application for data import and we still want a mapping application. Kathryn's map here visualizes the Ecoregions in ArcOnline. We want to see what mapping apps connects to airtable for automatic upload, and whether or not there's a way to query. We're also going to experiment with different data collection apps for phones and tablets in the field

We want to get partner involvement to see what feedback we can get about everything we've developed so far

Questions and Comments?

- What would users like access to?
- Any thoughts on DB structure or additional info to include?
- Any familiarity with a data collection app that has nested forms **and** GPS capabilities?
- What is your ideal way to submit species prioritization info? (email, online survey, a form, etc.?)
- Additional questions?