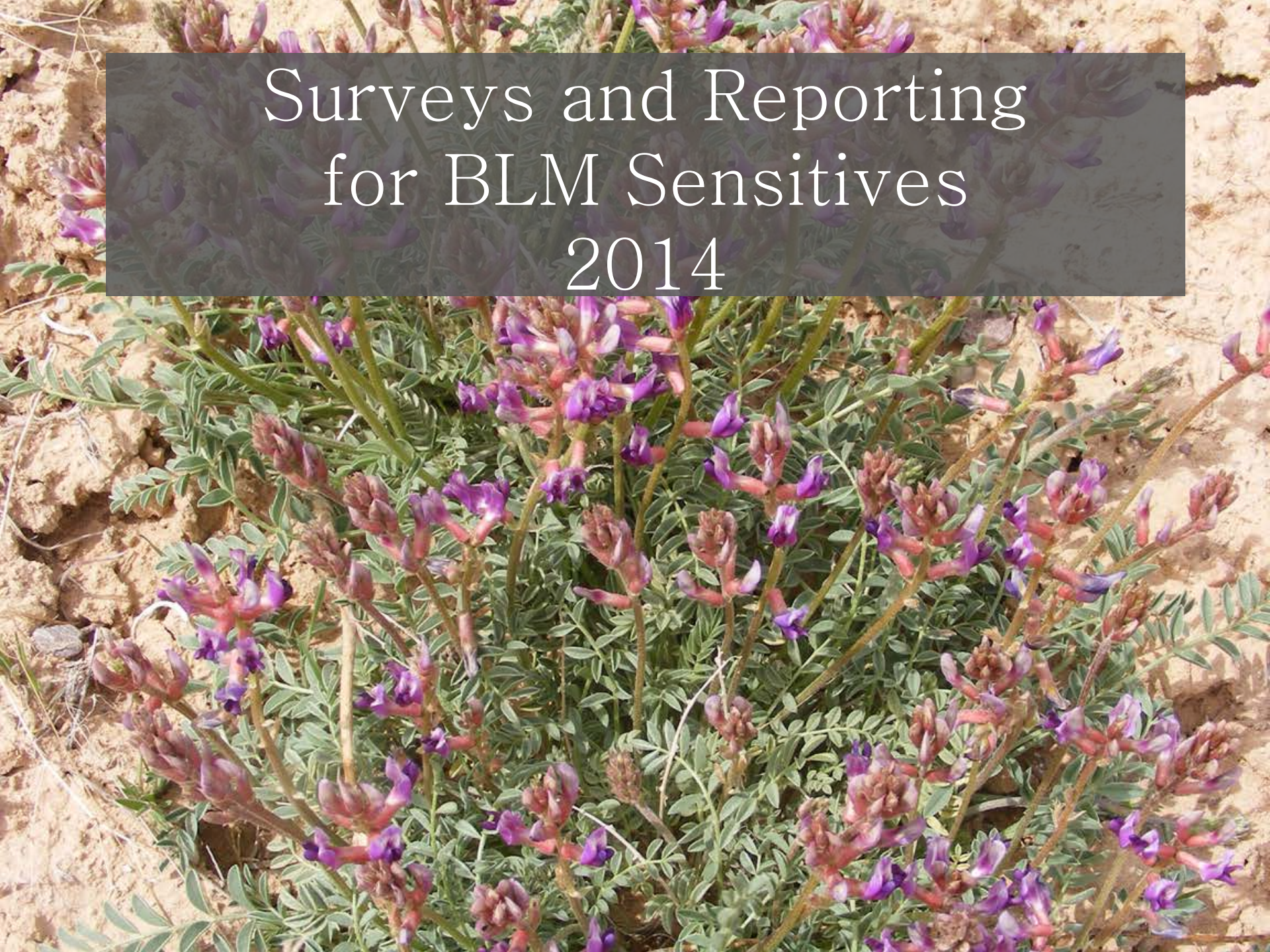
Surveys and Reporting for BLM Sensitives 2014



What we are going to cover:

- Briefly, reporting and survey guideline for BLM sensitives
- Some of the BLM sensitives you are likely to survey for (or be asked to survey for)

What we are NOT going to cover:

- Listed and proposed plant species:
  - *Lepidium barnebyanum*
  - *Schoenocrambe argillacea*
  - *Schoenocrambe suffrutescens*
  - *Sclerocactus brevispinus*
  - *Sclerocactus wetlandicus*
  - *Spiranthes diluvialis*
  - *Penstemon grahamii*
  - *Penstemon scariosus* var. *albifluvis*
- <u>All</u> of the BLM sensitives
  - important to familiarize yourself with these species

VFO BLM Sensitive Plants

GENUS	SPECIES	VARIETY	COUNTY
Aquilegia	atwoodii		Uintah
Aquilegia	scopulorum	goodrichii	Duchesne
Arabis	vivariensis		Uintah
Astragalus	equisolensis		Uintah
Astragalus	hamiltonii		Uintah
Cleomella	palmeriana	goodrichii	Uintah
Cryptantha	barnebyi		Uintah
Cryptantha	grahamii		Duchesne, Uintah
Erigeron	untermannii		Duchesne, Uintah
Frasera	ackermaniae		Uintah
Hymenoxys	lapidicola		Uintah
Lepidium	huberi		Uintah
Mentzelia	goodrichii		Duchesne
Penstemon	acaulis	acaulis	Daggett
Penstemon	gibbensii		Daggett
Penstemon	goodrichii		Duchesne, Uintah
Phacelia	argylensis		Duchesne
Thelesperma	caespitosa		Duchesne
Townsendia	strigosa	prolixa	Duchesne
Yucca	sterilis		Uintah

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Survey Requirements

- Basically, follow the same requirements as for listed plant species except:
  - 150 feet from edge of disturbance*
  - During flowering season or demonstrate ability to identify
  - Usually required in conjunction with listed plant surveys (exception: Horseshoe milkvetch and Hamilton milkvetch and potentially other species/projects require stand-alone surveys)
  - Surveys good for same amount of time as listed plants/or as determined

Reporting Requirements

- Follow USFWS guidelines for report format
  - Can an outside party understand what happened?
  - Do not make effect determinations

Reporting Requirements

- GPS data submitted in **NAD 83, UTM Zone 12,** end of year
- Data and reports submitted to BLM and UNHP (must fill out UNHP plant field form)
  - Digital copy to BLM when completed
  - UNHP data forms attached to BLM report

Now, for slightly more entertaining information …

- Green River shale endemics
- Most likely to be found when surveying for:

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Green River Shale Endemics

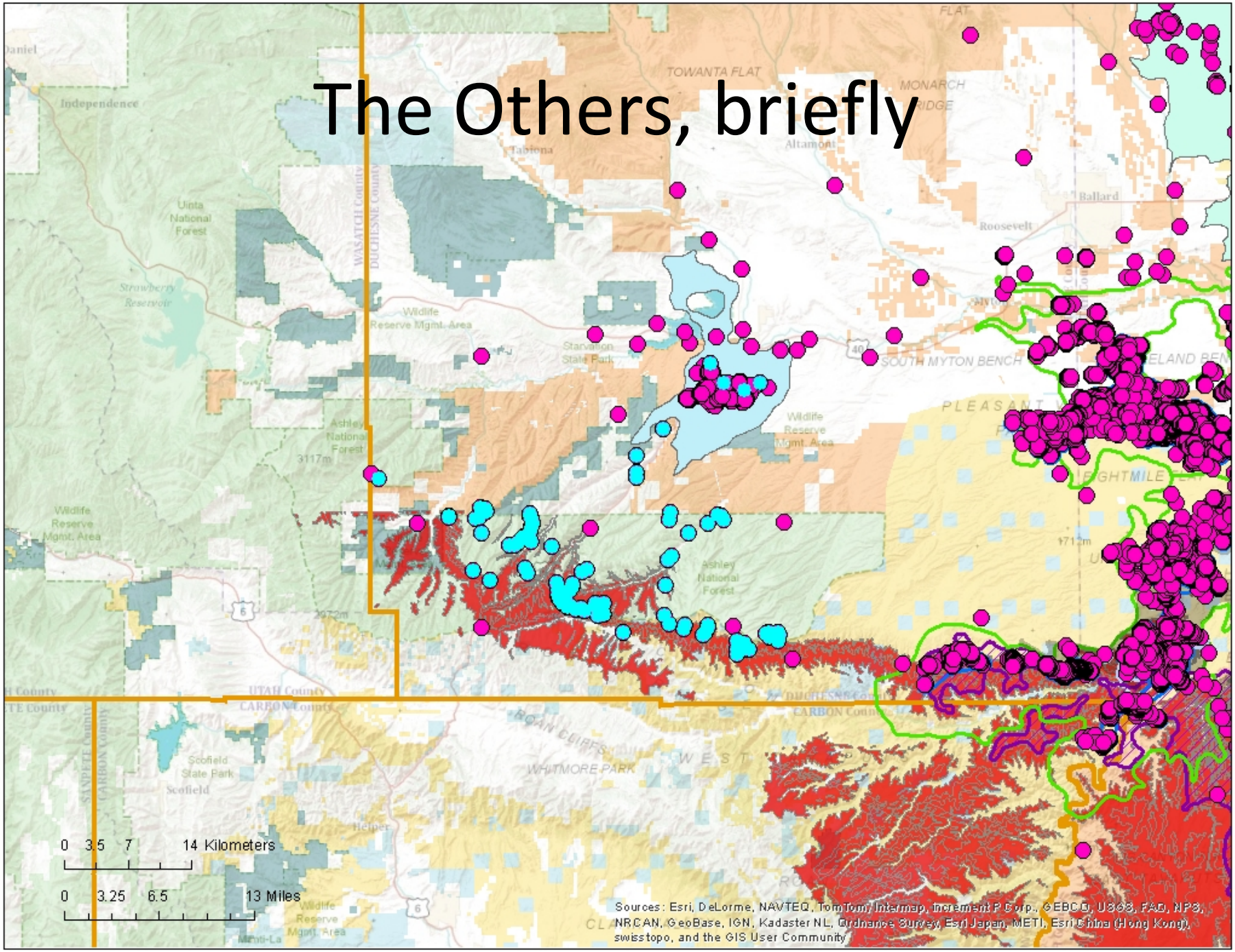
The Cryptanthas

- *Cryptantha grahamii*
- *Cryptantha barnebyii*

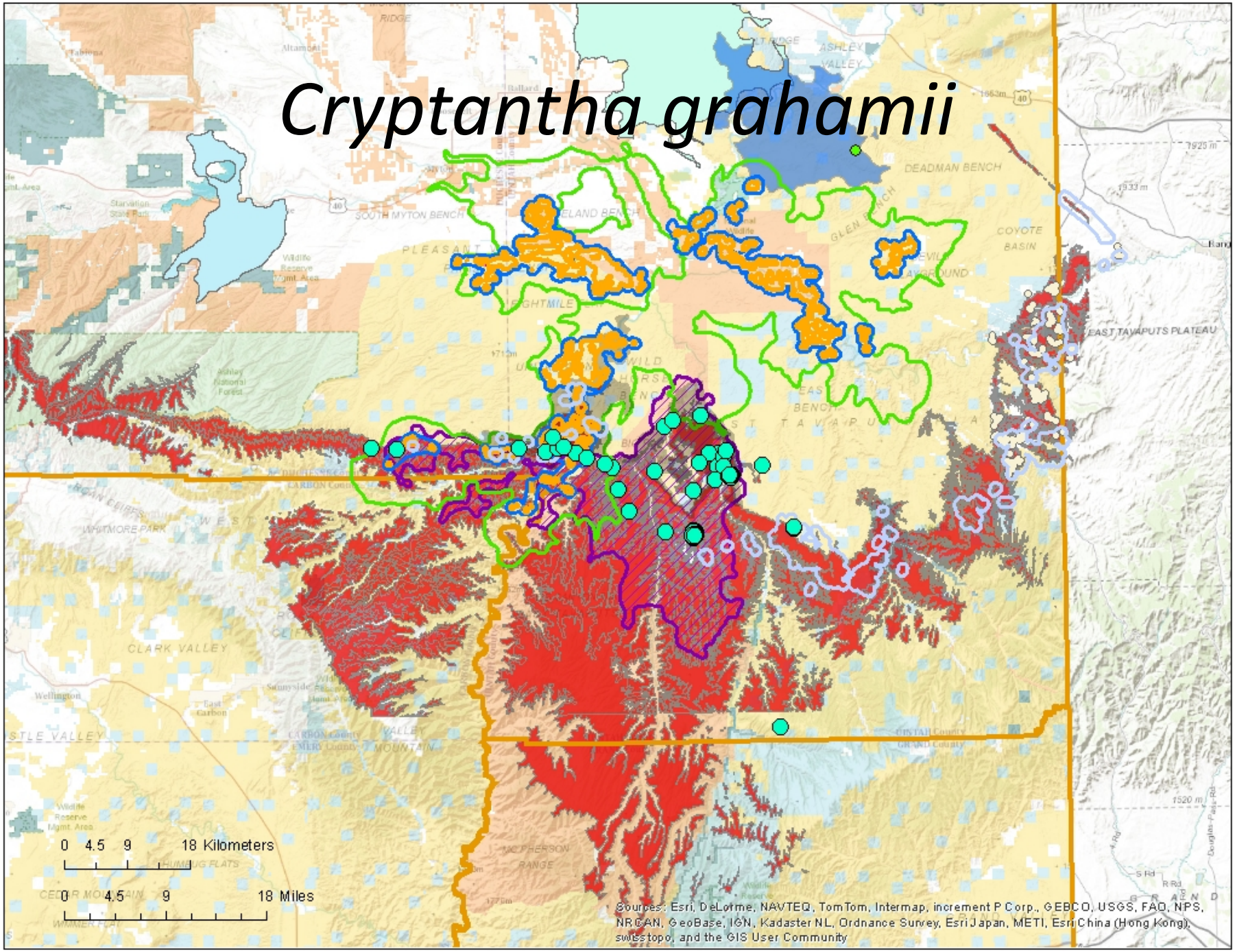
The Others

- *Aquilegia scopulorum* var. *goodrichii*
- *Erigeron untermanii*
- *Mentzelia goodrichii*
- *Phacelia argylensis*
- *Thelesperma caespitosa*

The Others, briefly



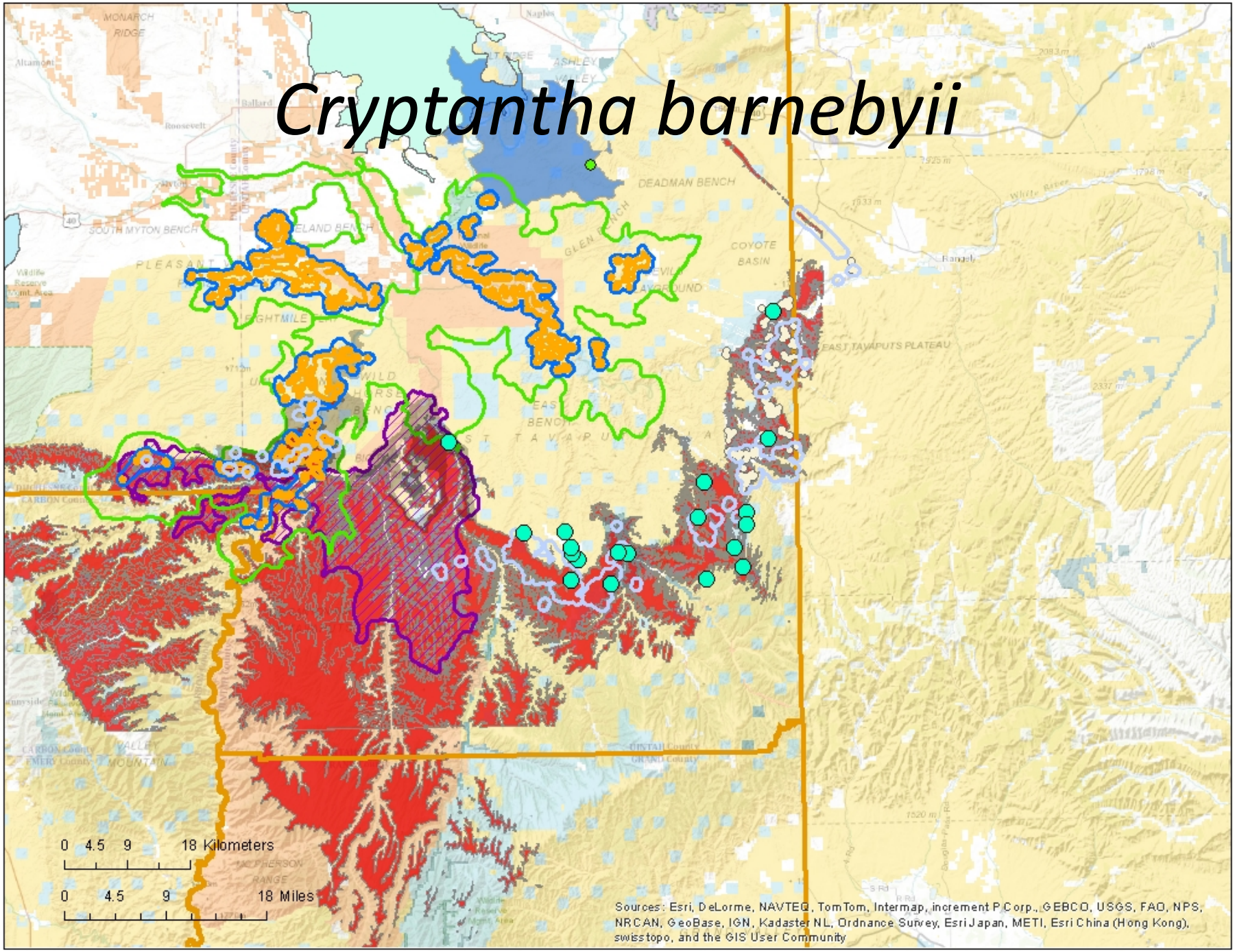
Cryptantha grahamii



Cryptantha grahamii

Photos courtesy of
Sherel Goodrich

Cryptantha barnebyii



Cryptantha barnebyi

Photos courtesy of
Sherel Goodrich