

ACCESSING CoNPS FIELD TRIP RECORDS ON SEINet*

MELISSA ISLAM, DENVER BOTANIC GARDENS

*and more

CoNPS FIELD TRIP RECORDS



CoNPS FIELD TRIP RECORDS

SEINet



SEINet?

- Southwest Environmental Biodiversity Information Network

SEINet Home x

← → ↻ swbiodiversity.org/seinet/index.php

Apps SEINet Collections S... NatureServe Explore... MyCoPortal Home auraria library - Goo... CU Herbarium BONAP's Query Page University of Florida... Denver Botanic Gar...

SEINet Arizona Chapter

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Welcome to SEINet

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To learn more about the features and capabilities available through this site, visit the Symbiota Help Pages. Join SEINet as a regular visitor and please send your feedback to seinetAdmin@asu.edu. Visit the Data Usage Policy page for information on how to cite data obtained from this web resource.

Visit some of the other regional data portals that are fellow members of the SEINet Network.

- Intermountain Regional Herbarium Network
- Madrean Archipelago Biodiversity Assessment (MABA)
- Midwest Herbaria
- New Mexico Biodiversity
- North American Network of Small Herbaria
- North Great Plains Herbaria
- SERNEC (Southeast USA)

Taxon Search

Plant of the Day



What is this plant?
Click here to test your knowledge

SEINet?

- Southwest Environmental Biodiversity Information Network

The screenshot shows the SEINet Arizona Chapter website. At the top, there is a browser window with the URL `swbiodiversity.org/seinet/index.php`. Below the browser window is a banner image of a desert canyon with the text "SEINet Arizona Chapter" in white. A navigation menu includes links for Home, Search, Images, Games, Links, Flora Projects, Agency Floras, and Dynamic Floras. On the right side of the menu, there are links for Log In, New Account, and Sitemap. The main content area features a "Welcome to SEINet" heading and a "Taxon Search" box with a search input field and a "Search" button. Below the search box, there is a paragraph of text about the site's features and a list of regional data portals. To the right of the list is a photograph of a red flower with the text "What is this plant? Click here to test your knowledge". At the bottom, there is a logo for the National Science Foundation (NSF) and a paragraph of text about the site's development and funding.

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What is this plant?
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SEINet

- Tools
 - Mapping
 - Plant images – in-situ and herbarium specimens
 - Species treatments – FNA, VPAP, vPlants
 - Dynamic identification keys and checklists
 - Static checklists



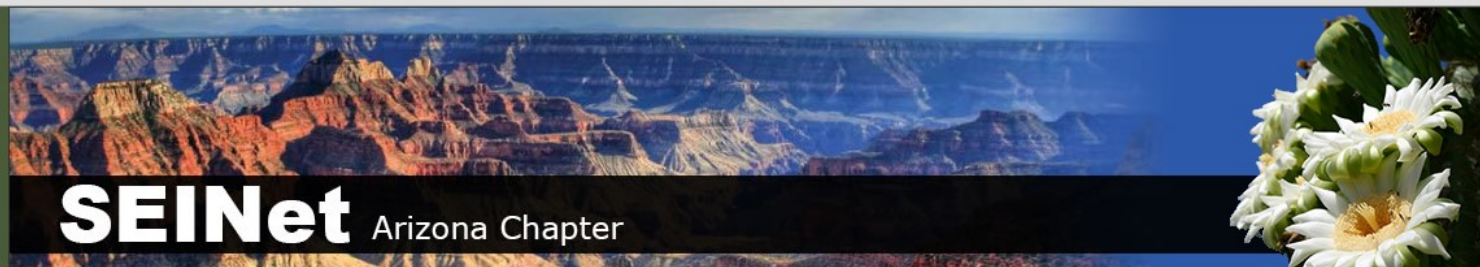
Phacelia demissa

SEINet

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Phacelia demissa



SEINet Arizona Chapter

Search Collections

Web   t

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Taxon Search

Plant of the Day



What is this plant?
Click here to test your knowledge

Open



Search Criteria and Options

Criteria Collections Map Options

Record Limit:

Include Synonyms

Family or Scientific Name

Taxa:

Country:

State/Province:

County:

Locality:

Within miles from me, or use the shape tools on the map to select occurrences within a given shape.

Collector's Last Name:

Collector's Number:

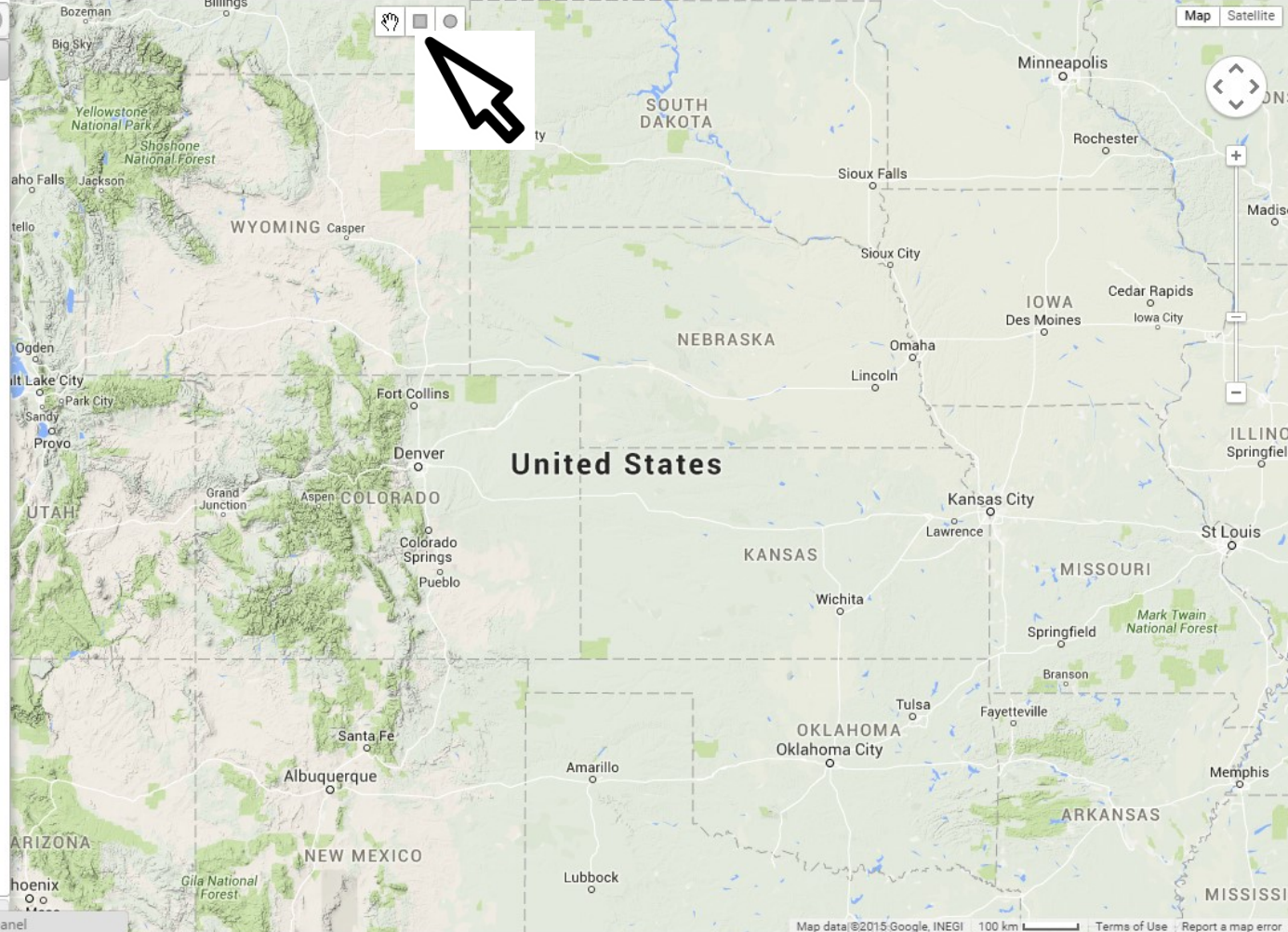
Collection Date: -

Catalog Number:

Other Catalog Number:

Limit to Type Specimens Only

Limit to Specimens with Images Only



Search Criteria and Options

Criteria Collections Map Options

Record Limit: 5000

Include Synonyms

Family or Scientific Name

Taxa:

Country:

State/Province: Colorado

County:

Locality:

Within the selected rectangle.

Collector's Last Name:

Collector's Number:

Collection Date: -

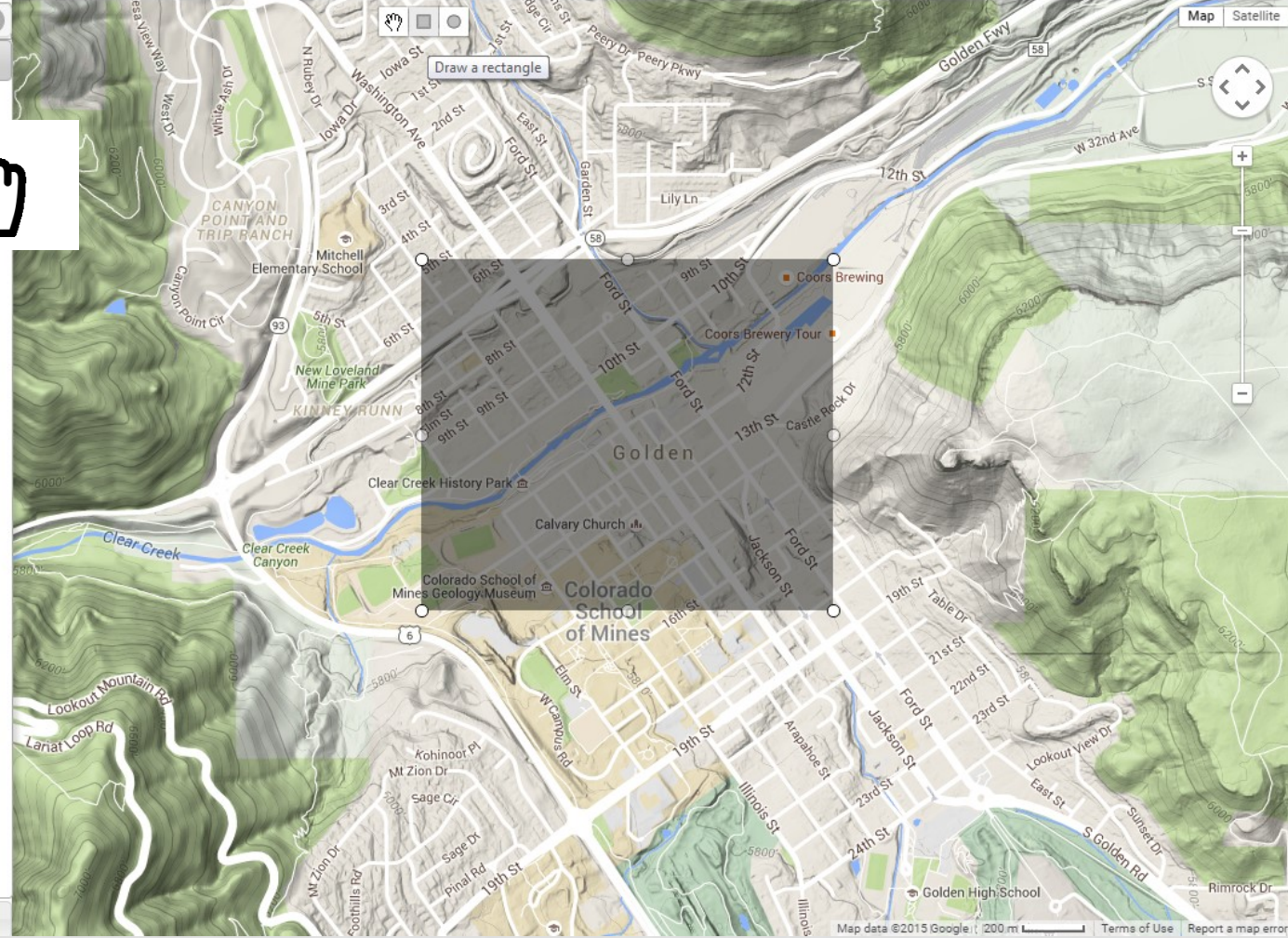
Catalog Number:

Other Catalog Number:

Limit to Type Specimens Only

Limit to Specimens with Images Only

Datasets



Search Criteria and Options

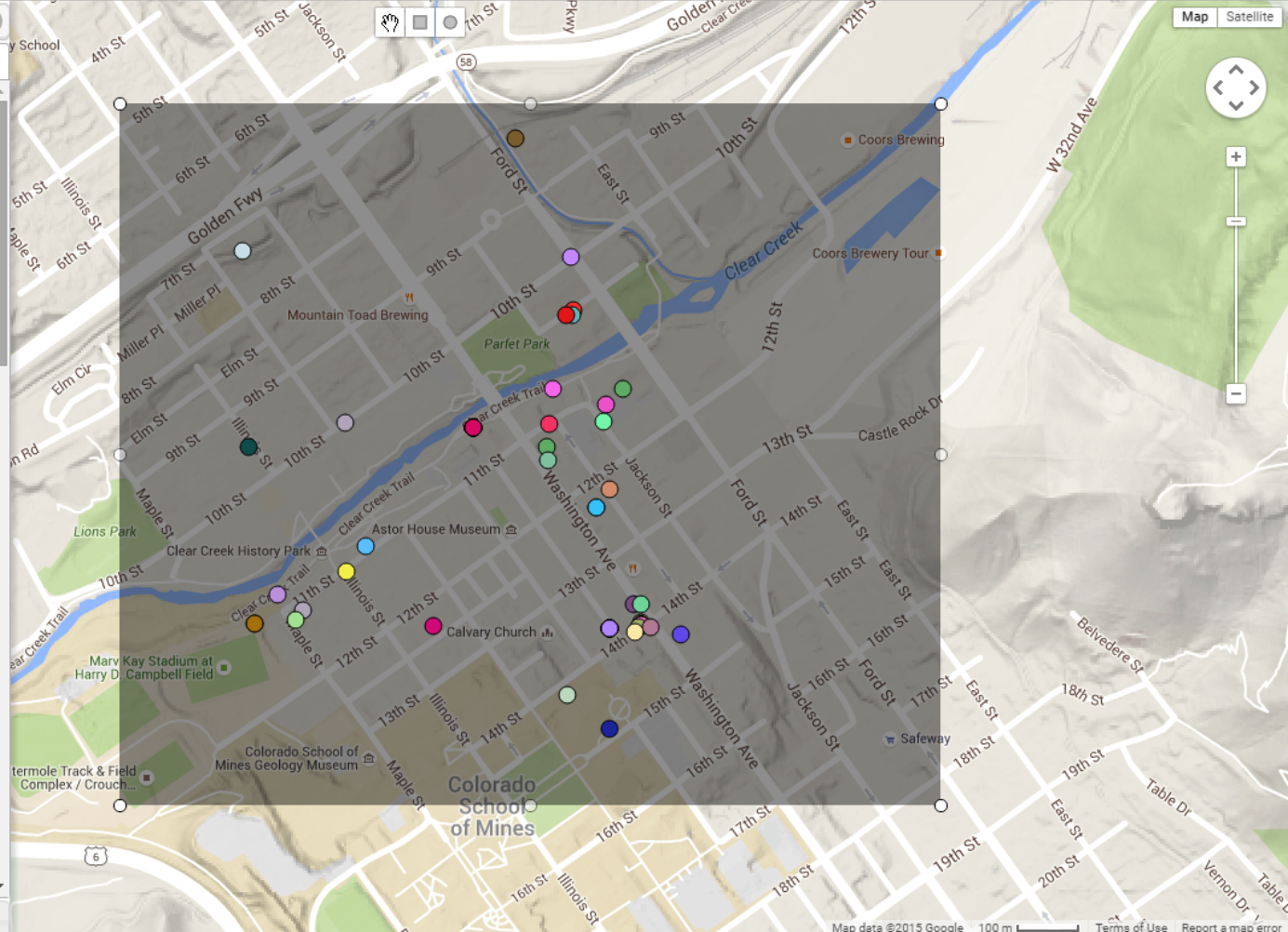
Records and Taxa

Collections | Records | Taxa List

○ = Collection
△ = General Observation

Reset Symbology
Auto Color

- Taxa Count: 57**
- AMARANTHACEAE**
 - = *Salsola tragus*
 - APIACEAE**
 - = *Harbouria trachypleura*
 - ASPARAGACEAE**
 - = *Maianthemum stellatum*
 - = *Muscari botryoides*
 - ASTERACEAE**
 - = *Artemisia frigida*
 - = *Cosmos bipinnatus*
 - = *Erigeron colomexicanus*
 - = *Heterotheca villosa*
 - = *Packera fendleri*
 - = *Prenanthes racemosa subsp. multiflora*
 - = *Pseudognaphalium canescens*
 - = *Rudbeckia serotina*
 - = *Senecio integerrimus*
 - = *Senecio tridenticulatus*
 - = *Taraxacum officinale*
 - BIGNONIACEAE**
 - = *Bignoniaceae*
 - BORAGINACEAE**
 - = *Crypantha virgata*
 - BRASSICACEAE**
 - = *Alyssum minus*
 - = *Chorispora tenella*
 - = *Descurainia sophia*



Search Criteria and Options

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Collections Records Taxa List Selections

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- = *Bignoniaceae*

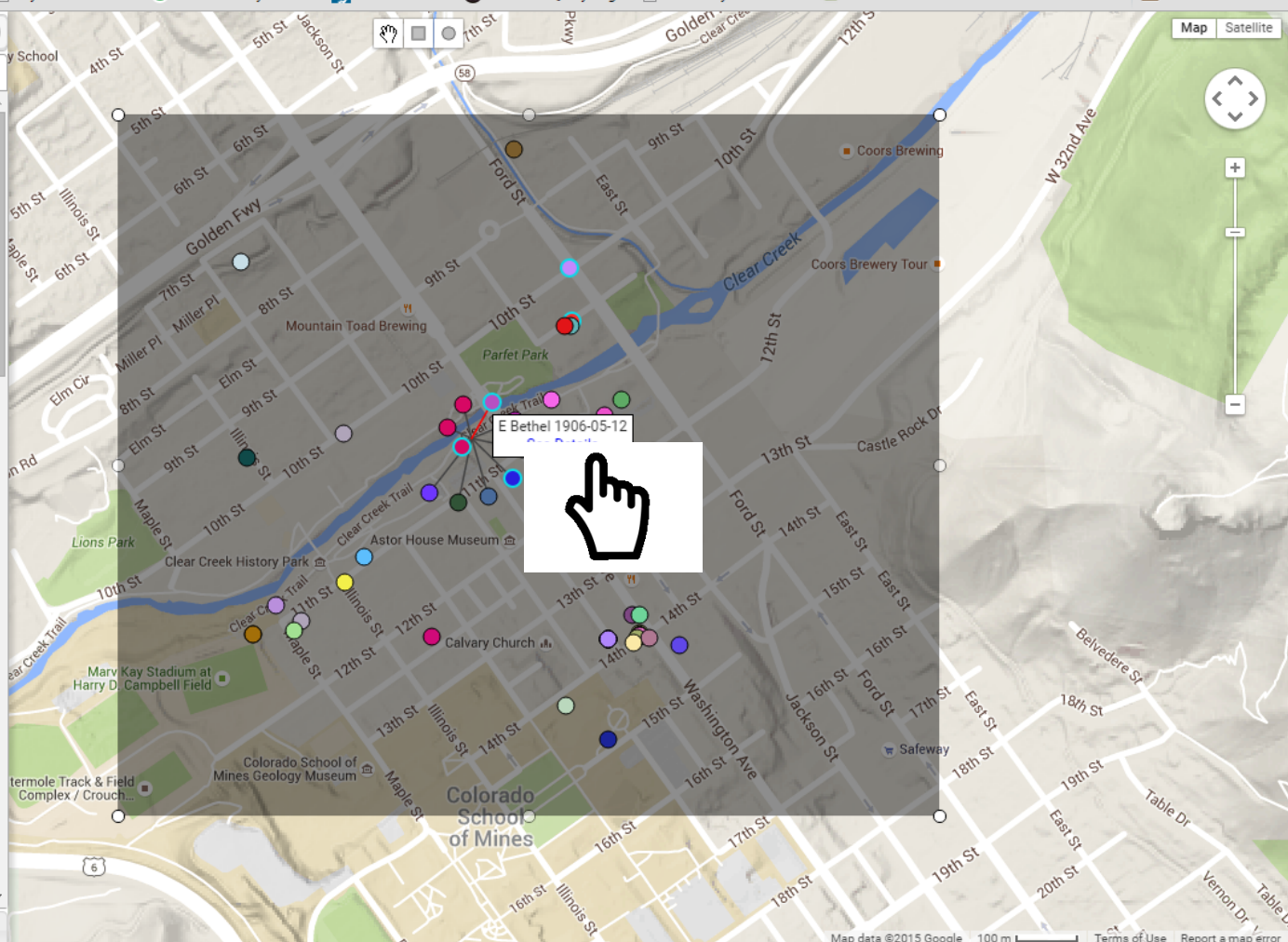
BORAGINACEAE

- = *Cryptantha virgata*

BRASSICACEAE

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Datasets



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Datasets

SEINet Detailed Collection Record Information - Google Chrome

swbiodiversity.org/seinet/collections/individual/index.php?occid=509927&clid=0

Details | Map | Comments | Linked Resources


CS

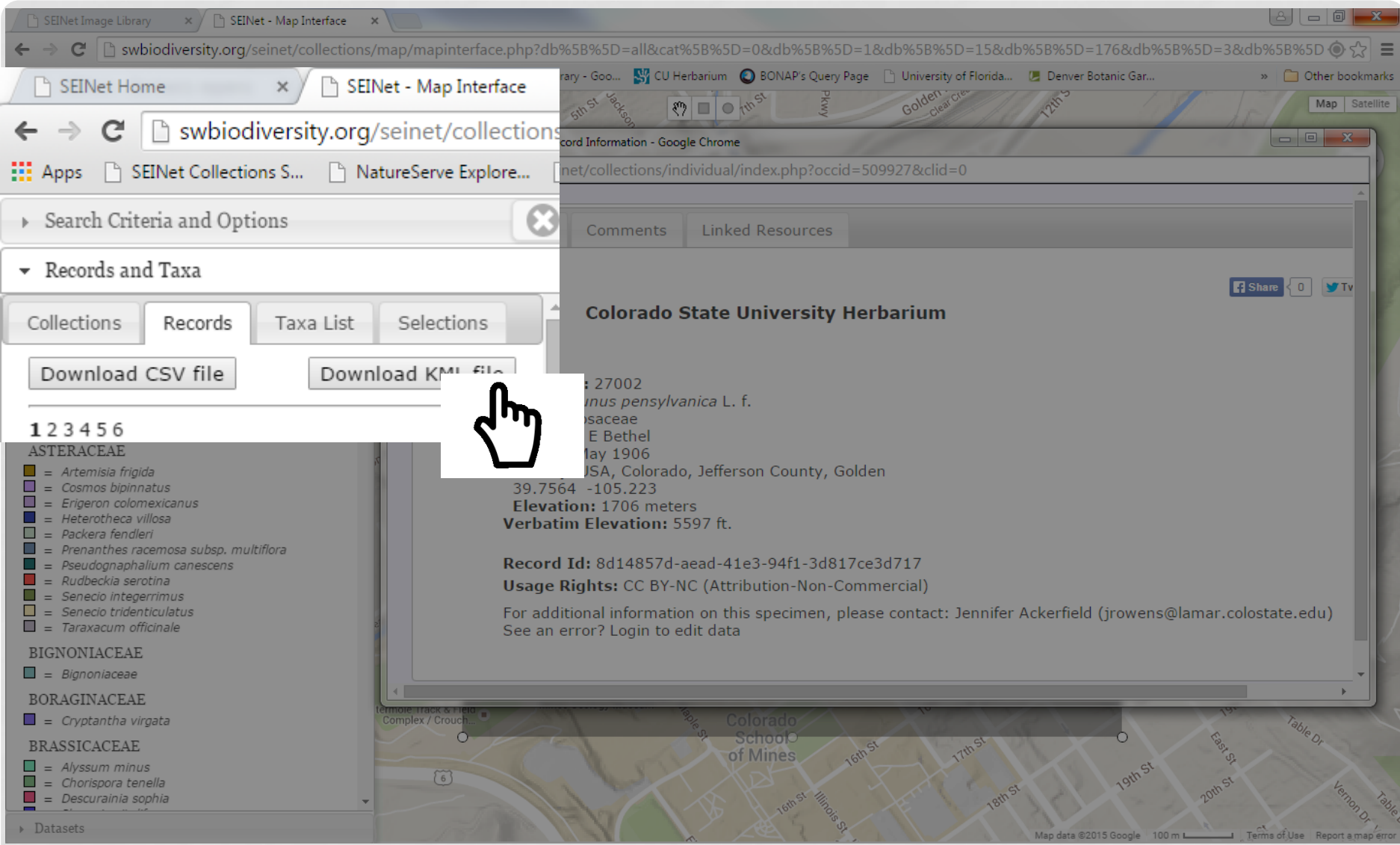
Colorado State University Herbarium

Catalog #: 27002
Taxon: *Prunus pensylvanica* L. f.
Family: Rosaceae
Collector: E Bethel
Date: 12 May 1906
Locality: USA, Colorado, Jefferson County, Golden
39.7564 -105.223
Elevation: 1706 meters
Verbatim Elevation: 5597 ft.

Record Id: 8d14857d-ae4d-41e3-94f1-3d817ce3d717
Usage Rights: CC BY-NC (Attribution-Non-Commercial)

For additional information on this specimen, please contact: Jennifer Ackerfield (jrowens@lamar.colostate.edu)
See an error? Login to edit data

Map data ©2015 Google | 100 m | Terms of Use | Report a map error



Search Criteria and Options

Records and Taxa

Collections | Records | Taxa List | Selections

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Download KML file

1 2 3 4 5 6

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Datasets

Comments | Linked Resources

Colorado State University Herbarium

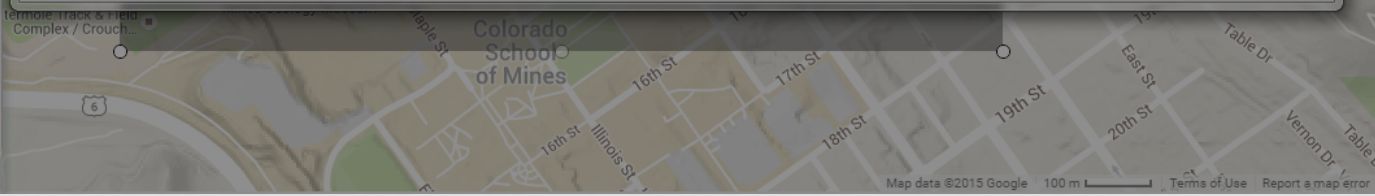
Share 0 | Twitter | Facebook

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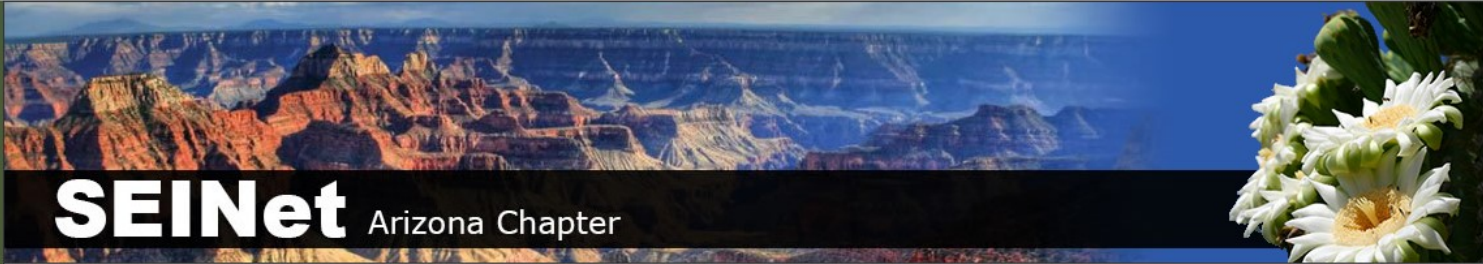
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Taxon Search



Plant of the Day



What is this plant?

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Berberis repens Lindl.

[Go to Encyclopedia of Life...](#)
Family: Berberidaceae

 creeping barberry, [more...](#)

 [*Mahonia repens* (Lindl.) G. Don, [more](#)]


Max Licher



Max Licher



Max Licher



Max Licher

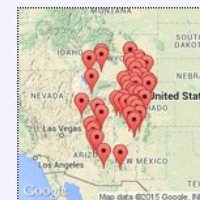


Max Licher

[Flora of North America](#)
[VPAP Treatment](#)
[vPlants](#)

Alan T. Whittemore in Flora of North America (vol. 3)

Shrubs, evergreen, 0.02-0.2(-0.6) m. Stems monomorphic, usually without short axillary shoots. Bark of 2d-year stems grayish or purplish brown, glabrous. Bud scales 3-8 mm, deciduous. Spines absent. Leaves (3-)5-7-foliate; petioles (1-)3-9 cm. Leaflet blades thin and flexible; surfaces abaxially dull, papillose, adaxially dull, rarely glossy, somewhat glaucous; terminal leaflet stalked, blade 3.2-9.5 × 2.3-6 cm, 1.2-2.2(-2.5) times as long as wide; lateral leaflets ovate or elliptic, 1(-3)-veined from base, base rounded to obtuse or truncate, margins plane, toothed, with 6-24 teeth 0.5-3 mm tipped with spines to 0.6-2.8 × 0.1-0.25 mm, apex rounded, rarely obtuse or even broadly acute. Inflorescences racemose, dense, 25-50-flowered, 3-10 cm; bracteoles membranous, apex rounded to obtuse or broadly acute. Anther filaments with distal pair of recurved lateral teeth. Berries blue, glaucous, oblong-ovoid, 6-10 mm, juicy, solid. 2n = 28. Flowering spring (Apr-Jun). Open forest, shrubland, and grassland; 200-3000 m; Alta., B.C.; Ariz., Calif., Colo., Idaho, Minn., Mont., Nebr., Nev., N.Mex., N.Dak., Oreg., S.Dak., Tex., Utah, Wash., Wyo. *Berberis sonnei* was described based on plants with relatively narrow, rather shiny leaflets collected by Sonne in Truckee, California. Subsequent collections from this population show the morphology typical of *B. repens*; Sonne's collections evidently are an aberrant form of this species. *Berberis repens* is resistant to infection by *Puccinia*


[Open Interactive Map](#)
[More Images](#)
[Web Links](#)
[View Parent Taxon](#)
[Close window](#)


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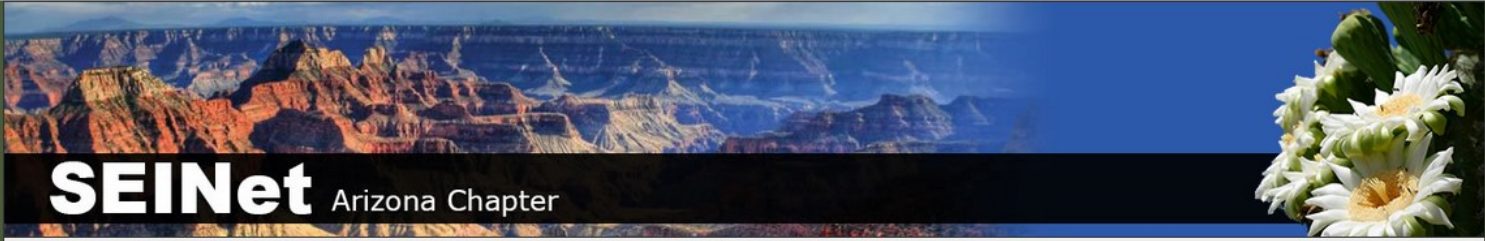
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Penstemon penlandii

© Scott Dressel-Martin



SEINet Arizona Chapter

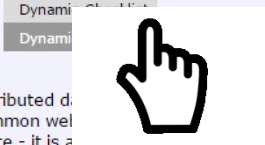
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Plant of the Day



What is this plant?

[Click here to test your knowledge](#)



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SEINet Arizona Chapter

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[Log In](#) [New Account](#) [Sitemap](#)
[Home](#) > [Dynamic Map](#)

Pan, zoom and click on map to capture coordinates, then submit coordinates to build a species list. If a radius is defined, species lists are generated using data of specimens collected within the defined area. If a radius is supplied, the area is sampled in concentric rings until the sample size is determined to best represent the local species diversity. In other words, poorly collected areas will have a larger radius sampled. Setting the taxon filter will limit the return to species found within that taxonomic group. [Less Details](#)

 Taxon Filter (optional)

Point (Lat, Long): < Click on map >

 Radius: (optional)

 Kilometers



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SEINet Arizona Chapter



Home >> Key: 39.09596 -105.4715 within 32.2 km

Taxon:

All Species

Display/Reset Species List

Display as: Scientific Name

Plant habit

- herb
- shrub

longevity

- annual or biennial
- perennial

armature

- unarmed
- armed

sap

- latex absent (sap clear)
- latex present

Leaves

scent

- without marked odor
- clearly odiferous

type

- simple
- pinnatifid-pinnatisect
- compound

arrangement

- alternate
- opposite
- basal

blade margin

- entire
- toothed
- lobed

attachment to stem

- sessile or nearly so
- petiolate
- winged petiolate

Inflorescence

position

- axillary
- terminal

type

- solitary
- spike
- raceme

39.09596 -105.4715 within 32.2 km

Species Count: 114

Asteraceae

- Achillea millefolium*
- Agoseris aurantiaca*
- Agoseris glauca*
- Amauriopsis dissecta*
- Anaphalis margaritacea*
- Antennaria anaphaloides*
- Antennaria marginata*
- Antennaria microphylla*
- Antennaria parvifolia*
- Antennaria rosea*
- Arnica cordifolia*
- Arnica fulgens*
- Artemisia campestris*
- Artemisia carruthii*
- Artemisia franciscanifolia*
- Artem*
- Artem*
- Aster*
- Bidens*
- Bricke*
- Bricke*
- Bricke*
- Bricke*
- Cardu*
- Chaen*
- Chaetopappa ericoides*
- Chrysanthamus viscidiflorus*
- Cirsium arvense*
- Cirsium canescens*
- Cirsium echrocentrum*
- Cirsium scariosum*
- Cirsium tiogaganum*
- Cirsium undulatum*
- Crepis runcinata*
- Cyclachaena xanthiifolia*
- Dieteria bigelovii*
- Dyssodia papposa*
- Ericameria parryi*
- Erigeron canus*
- Erigeron compositus*
- Erigeron coulteri*
- Erigeron divergens*
- Erigeron eximius*
- Erigeron flagellaris*
- Erigeron formosissimus*
- Erigeron grandiflorus*
- Erigeron pinnatisectus*
- Erigeron speciosus*
- Erigeron subtrineris*
- Erigeron vetensis*
- Eupatorium maculatum*
- Gaillardia aristata*





Artemisia franserioides Greene

[Go to Encyclopedia of Life...](#)

Family: Asteraceae

ragweed sagebrush



Photo ©Al Schneider, swcoloradowildflowers.com



Photo ©Al Schneider, swcoloradowildflowers.com



Flora of North America

Leila M. Shultz in Flora of North America (vol. 19, 20 and 21)

Biennials or perennials, 30-100 cm, faintly aromatic (rhizomatous). **Stems** 1-3, erect, reddish brown, simple (leafy), glabrous or glabrate. **Leaves** basal (in rosettes, petiolate) and cauline, bicolor (white and green); blades ovate, 3-7(-20) × 2-4(-6) cm, 2-3-pinnately-lobed (lobes elliptic, 2-6 mm wide; cauline sessile, smaller), faces tomentose (abaxial) or glabrous or glabrescent (adaxial), glandular. **Heads** (nodding, peduncles 0 or 2) in paniculiform to racemiform arrays 10-35 × 2-4 cm (often 1-sided). **Involucres** broadly ovate, 3-5 × 4-5(-6) mm. **Phyllaries** broadly ovate, sparsely hairy. **Florets**: pistillate 4-5(-13), (1-1.5 mm); bisexual 25-35; corollas yellow, 1.5-2 mm, glabrous. **Cypselae** elliptic, 0.5-0.8 mm, glabrous. Flowering late summer-early fall. Open coniferous forests, mid to upper montane; 2200-3100 m; Ariz., Colo., N.Mex.; Mexico (Chihuahua).



[Open Interactive Map](#)

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Corispermum navicula

© Scott Dressel-Martin

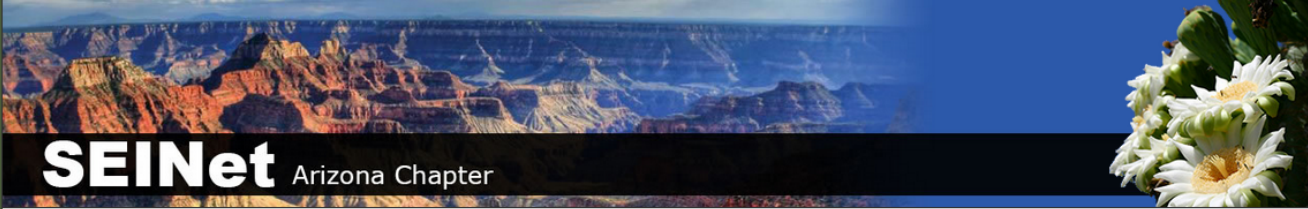
SEINet

Intermountain Region Herbarium Network

9,0959: x SEINet Collections Search x

biodiversity.org/seinet/collections/index.php

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SEINet Arizona Chapter



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Home >> Collections

Specimens & Observations Specimens Observations Federal Units

- Select/Deselect All
- SEINet Regional Herbaria Network
- Consortium of Midwest Herbaria
- Herbaria del Noroeste de Mexico
- Intermountain Regional Herbaria Network
- New Mexico Biodiversity Collections Consortium
- North American Network of Small Herbaria
- Northern Great Plains Herbaria
- Other Networked Herbaria
- Rocky Mountain Regional Consortium
- SERNEC

-  General Observations (SEINet) [more info](#)
-  Madrean Archipelago Biodiversity Assessment Observations (MABA-Plants) [more info](#)
-  Sonoran Desert Plants: An Ecological Atlas (Sonoran Atlas) [more info](#)



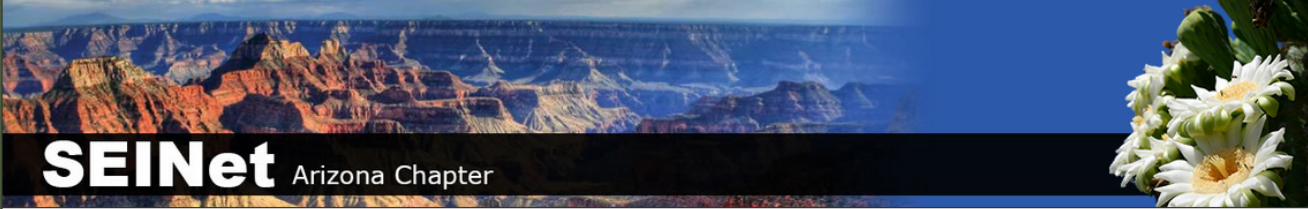
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biodiversity.org/seinet/collections/index.php

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Home >> Collections

Specimens & Observations Specimens Observations Federal Units

- Select/Deselect All
- SEINet Regional Herbaria Network
- Consortium of Midwest Herbaria
- Herbaria del Noroeste de Mexico
- Intermountain Regional Herbaria Network
- New Mexico Biodiversity Collections Consortium
- North American Network of Small Herbaria
- Northern Great Plains Herbaria
- Other **Networked Herbaria**
- Rocky Mountain Regional Consortium**
- SERNEC

-  General Observations (SEINet) [more info](#)
-  Madrean Archipelago Biodiversity Assessment Observations (MABA-Plants) [more info](#)
-  Sonoran Desert Plants: An Ecological Atlas (Sonoran Atlas) [more info](#)



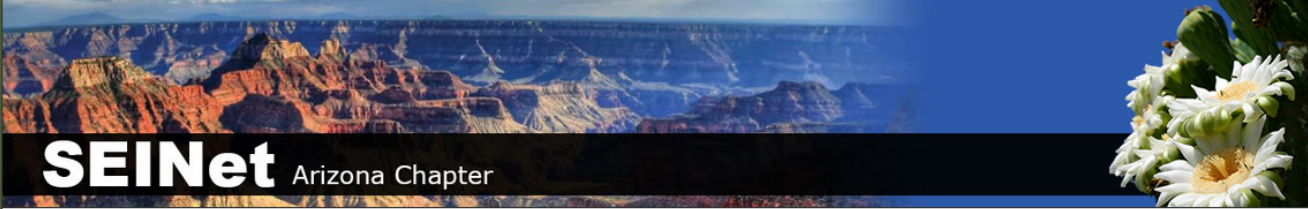
SEINet

Intermountain Region Herbarium Network

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SEINet >

Intermountain Region Herbarium Network

SEINet Web-Key: 39,0959 x SEINet Home x

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SEINet

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Welcome to SEINet

The SEINet data portal was created to serve as a gateway to distributed data resources of interest to the environmental research community within Arizona. Through a common web interface, we offer tools to locate, access and work with a variety of data. SEINet is more than just a web site - it is a suite of data access technologies and a distributed network of collections, museums and agencies that provide environmental information.

To learn more about the features and capabilities available through this site, visit the Symbiota Help Pages. Join SEINet as a regular visitor and please send your feedback to seinetAdmin@asu.edu. Visit the Data Usage Policy page for information on how to cite data obtained from this web resource.

Visit some of the other regional data portals that are fellow members of the SEINet Network.

- [Intermountain Regional Herbarium](#)
- Madrean Archipelago Biodiversity
- Midwest Herbaria
- New Mexico Biodiversity
- North American Network of Small
- North Great Plains Herbaria
- SERNEC (Southeast USA)

Taxon Search

Plant of the Day

What is this plant?
Click here to test your knowledge

Development of SEINet, Symbiota, and several of the specimen databases have been supported by National Science Foundation Grants (DBI 9983132, BRC 0237418, DBI 0743827, DBI 0847966)

intermountainbiota.org

Intermountain Region Herbarium Network



The screenshot shows a web browser window with the URL intermountainbiota.org/portal/index.php. The browser's address bar and tabs are visible at the top. Below the browser window is the website's header, which features a photograph of orange flowers on the left and the text "Intermountain Region Herbarium Network" in a large, bold, white font on a dark green background.

On the left side of the page is a navigation menu with the following items:

- CIRH Homepage**
- [Search Collections](#)
- [Image Library](#)
- [Plant Games](#)
- [Links](#)
- Flora Projects**
- [Regional Floras](#)
- [Colorado Floras](#)
- [Utah F](#)
- [Colora](#)
- [Teachi](#)
- Dynamic Resources**
- [Dynamic Checklist](#)
- [Dynamic Key](#)
- [Log In](#)
- [New Account](#)
- [Sitemap](#)

A hand cursor icon is positioned over the "Colora" link. The main content area on the right begins with the heading "Welcome to Intermountain Regional Herbarium Network" in red. Below this is a paragraph of text describing the Intermountain Region. To the right of the text is a photograph of a plant with small, pinkish-purple flowers. Below the photograph is the heading "Plant of the Day" and a question "What is this plant?" with a link to "Click here to test your knowledge".

Intermountain Region Herbarium Network

CIRH Homepage

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[Image Library](#)
[Plant Games](#)
[Links](#)

Flora Projects

[Regional Floras](#)
[Colorado Floras](#)
[Utah F](#)
[Colora](#)
[Teachi](#)

Dynamic Resources

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Welcome to Intermountain Regional Herbarium Network

The Intermountain Region is basically the region between the Sierra Nevada and the Rocky Mountains but the precise interpretation of the phrase varies. Most agree that the hydrologic Great Basin, the area with no external drainage, dominates the region. This basin is divided by several north-south trending mountain ranges that are separated by wide valleys. The mountain ranges support woods and forests that are now essentially isolated from each other as well as from the Sierra Nevada and Rocky Mountains by the intervening valleys. The region's biota is determined in large part by its variable and scant precipitation, most of which falls in winter, and its large fluctuations in temperature, both daily and seasonal.

This site is brought to you by the Consortium of Intermountain Herbaria, in collaboration with the Southwestern Environmental Information Network (SEINet).

Plant of the Day



What is this plant?

[Click here to test your knowledge](#)

Intermountain Region Herbarium Network

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intermountainbiota.org/portal/projects/index.php?proj=77

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- [Colorado Floras](#)
- Utah Floras
- Colorado Plateau
- Teaching Checklists

Dynamic Tools

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Colorado

Project Managers: Denver Botanic Gardens

Research Checklists

The symbol opens the species list as an interactive key.

- Arkansas Valley Rapid Floristic Inventory
- Baca National Wildlife Refuge Floristic Inventory
- Bluff Lake Natural Area
- Cherokee Ranch & Castle 2012 Floristic Inventory
- CoNPS: Boreas Pass Draba spp. Field Trip 2013
- CoNPS: Buffalo Creek Fire Field
- CoNPS: East Lost Park BioBlitz
- CoNPS: Gateway Park Field Tri
- CoNPS: Narraquinnep Canyon ?
- CoNPS: Neota Wilderness 1996
- CoNPS: North Table Mountain #
- CoNPS: Opal Lake Field Trip 2C
- CoNPS: Owl Creek Pass 2007
- CoNPS: Pagosa Peak 1999
- CoNPS: Pagosa Springs Country 1994
- CoNPS: Pawnee National Grassland #1 1979
- CoNPS: Phantom Canyon Preserve Field Trip 2015
- CoNPS: Red Rocks Park Field Trip 2015
- CoNPS: Reservoir Ridge Field Trip 2011
- CoNPS: Timpas Creek SE Chapter Field Trip 2015
- Denver Botanic Gardens at Chatfield
- Humphreys Ranch Botanical Inventory
- Shambhala Mtn Ctr Floristic Inventory 2013-2015

Click to Open Map

intermountainbiota.org/portal/projects/index.php?proj=77

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Intermountain Region Herbarium Network

Home > Colorado > CoNPS: Buffalo Creek Fire Field Trip 1998

CoNPS: Buffalo Creek Fire Field Trip 1998 Games

Authors: Steve Vest & Rick Brune
[More Details](#)

Families: 38
Genera: 101
Species: 107 (species rank)
Total Taxa: 119 (including subsp. and var.)

Page 1 of 2: 1 | 2



Options













Search:

Common Names
 Synonyms

Filter: Original Checklist ▾


Common Names
 Display as Images
 Show Taxa Alphabetically

			
Chenopodium sp. [AMARANTHACEAE]	Allium sp. [AMARYLLIDACEAE]	Harbouria trachypleura [APIACEAE]	Apocynum androsaemifolium [APOCYNACEAE]
			
Leucocrocin montanum [ASPARGACEAE]	Maianthemum stellatum	Yucca glauca	Achillea lanulosa [ASTERACEAE]
			

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Harbouria trachypleura
[APIACEAE]




Apocynum androsaemifolium
[APOCYNACEAE]




Leucocrinum montanum
[ASPARAGACEAE]



Maianthemum stellatum



Yucca glauca



Achillea lanulosa
[ASTERACEAE]

Intermountain Region Herbarium Network

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Herbarium Network









Home > Colorado > CoNPS: Buffalo Creek Fire Field Trip 1998

CoNPS: Buffalo Creek Fire Field Trip 1998

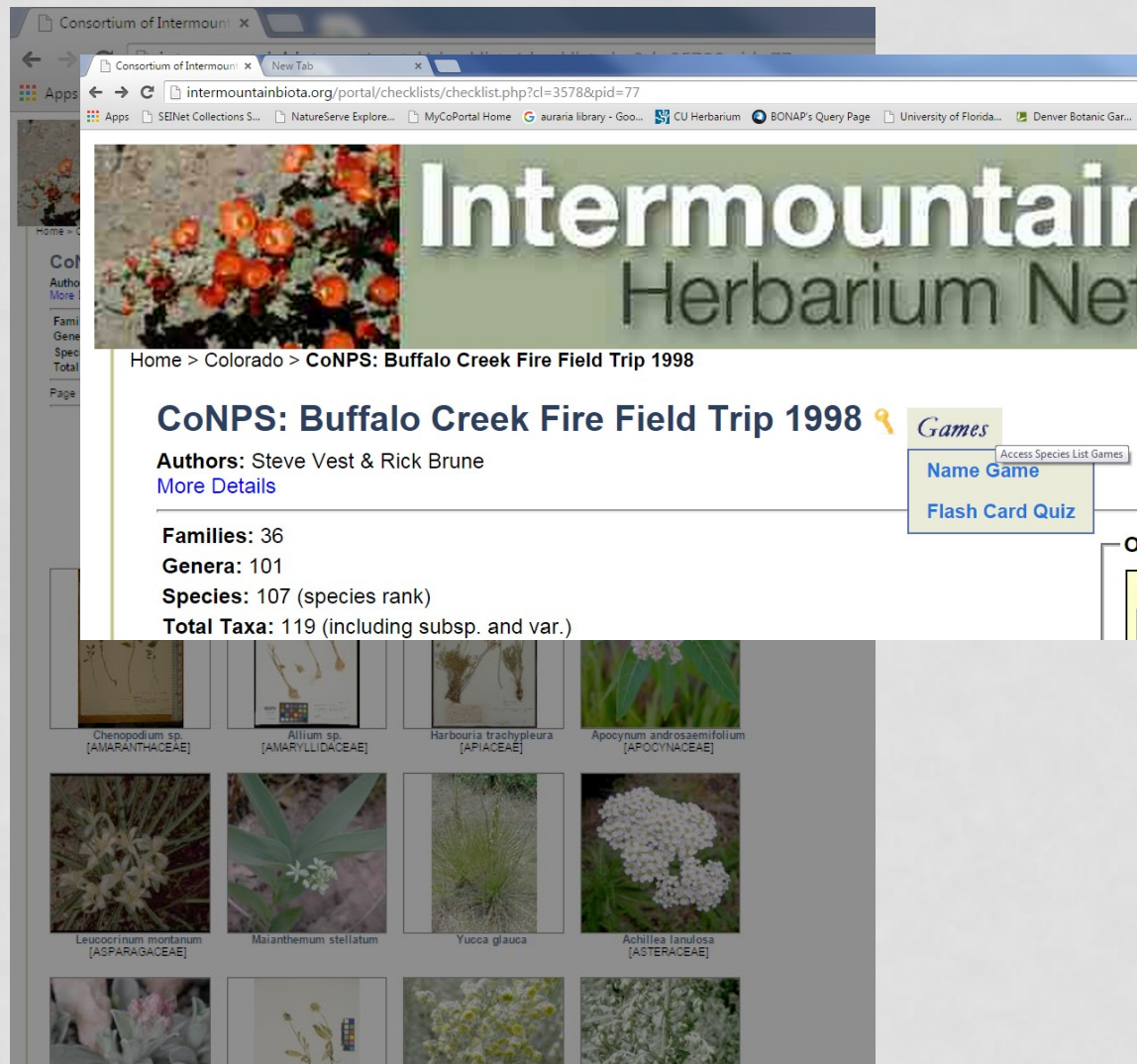
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[Open Symbiota Key](#)

 Chenopodium sp. [AMARANTHACEAE]	 Allium sp. [AMARYLLIDACEAE]	 Harbouria trachypleura [APIACEAE]	 Apocynum androsaemifolium [APOCYNACEAE]
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Intermountain Region Herbarium Network



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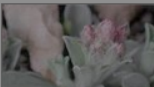



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[Games](#)
[Name Game](#)
[Flash Card Quiz](#)


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Intermountain Region Herbarium Network

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intermountainbiota.org/portal/games/flashcards.php?clid=3578&dynclid=0&listname=CoNPS:%20Buffalo%20

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Skip This One Image 1 of 5 *Next Images* ➔

Name of Above Organism ▾

0 out of 108 Species Identified
0 Identified Correctly on First Try

Tell Me What It Is!

Options

Filter Quiz by Taxonomic Group ▾

Display Common Names

Reset Game

QUESTIONS?



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