

Selected Southeast Colorado Peripherals: Updates, Additions, and Subtractions

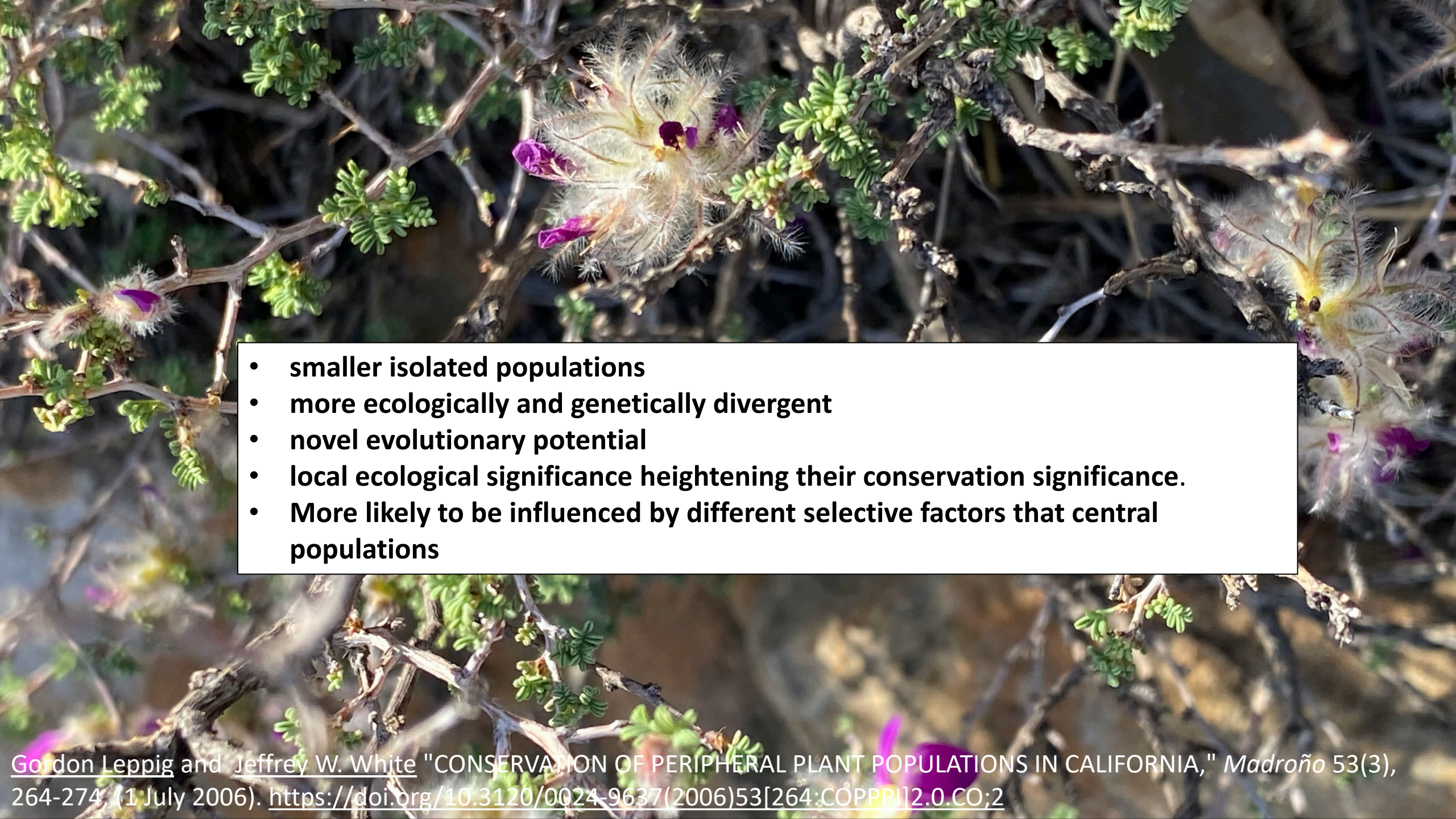
Dina Clark

**University of Colorado Museum of Natural History
Herbarium COLO**



Peripheral Species: Populations occurring on the edge of a species' range



- 
- smaller isolated populations
 - more ecologically and genetically divergent
 - novel evolutionary potential
 - local ecological significance heightening their conservation significance.
 - More likely to be influenced by different selective factors than central populations



Western North American Naturalist 77(3), © 2017, pp. 343–354

ABERRANT PLANT DIVERSITY IN THE PURGATORY WATERSHED OF
SOUTHEASTERN COLORADO AND NORTHEASTERN NEW MEXICOJoseph A. Kleinkopf^{1,2,3}, Dina A. Clark², and Erin A. Tripp^{1,2,4}[illegible]

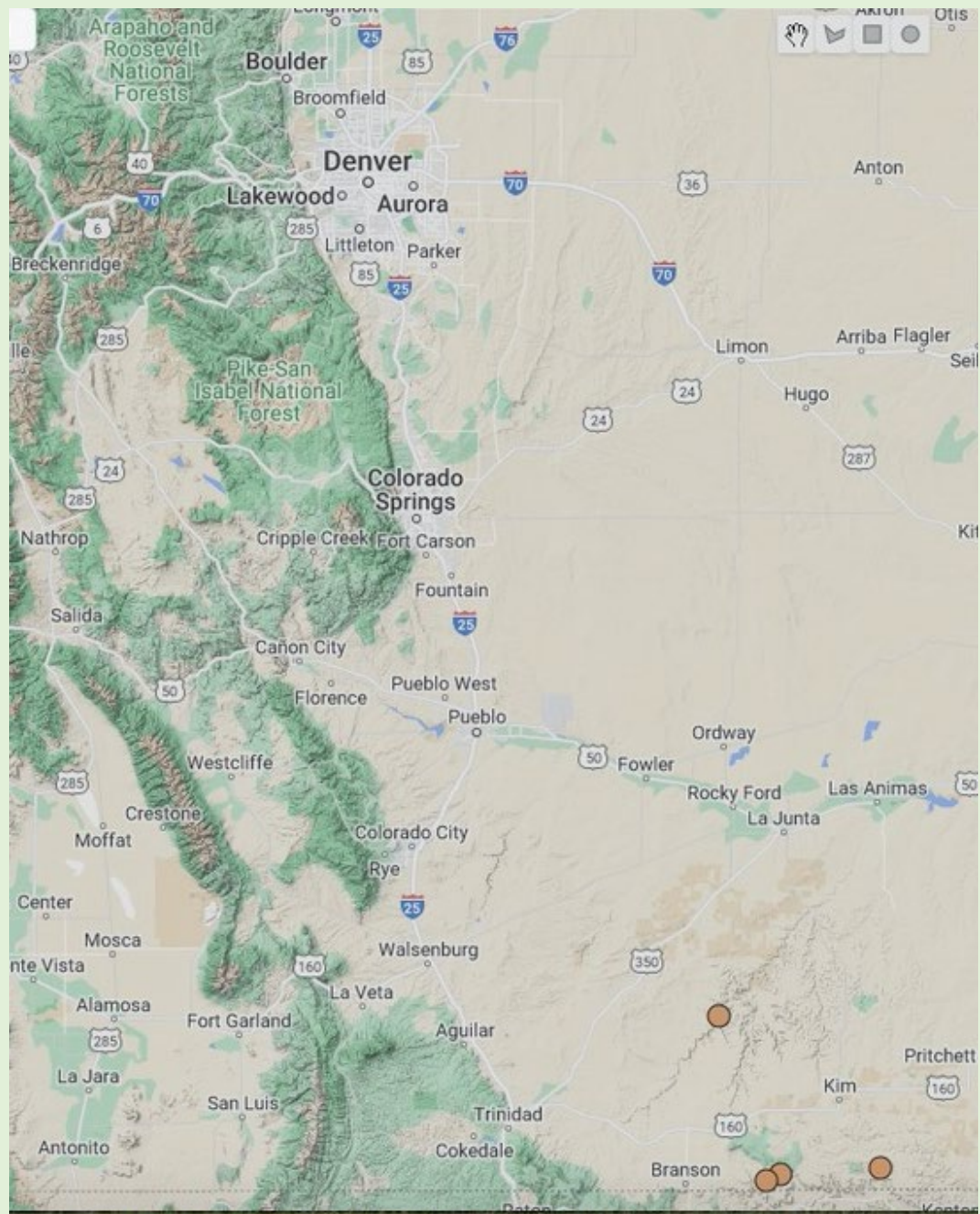


Notholaena standleyi

Asclepias oenotheroides

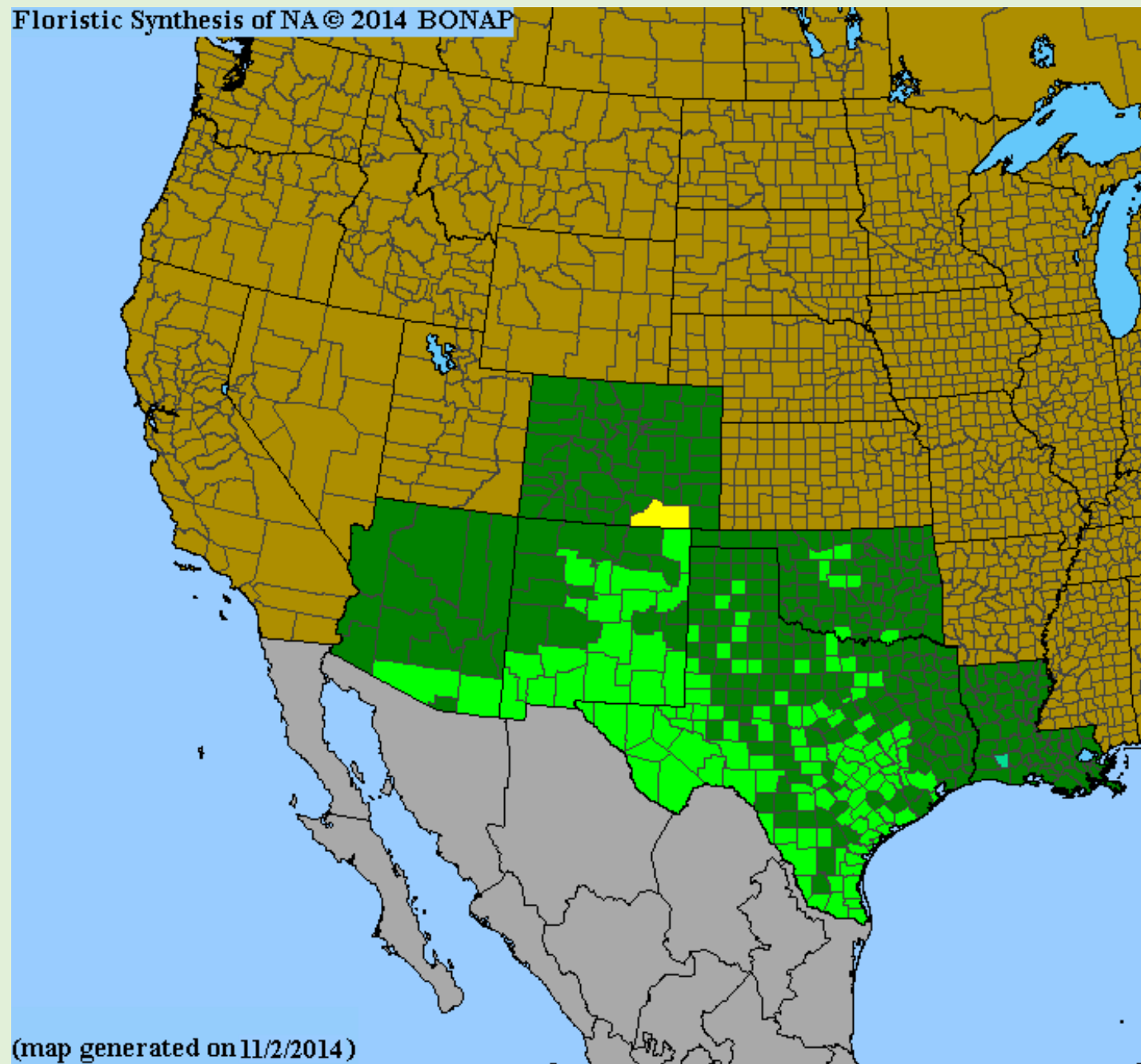






SEINet <https://swbiodiversity.org/seinet/collections/list.php>

Floristic Synthesis of NA © 2014 BONAP



(map generated on 11/2/2014)

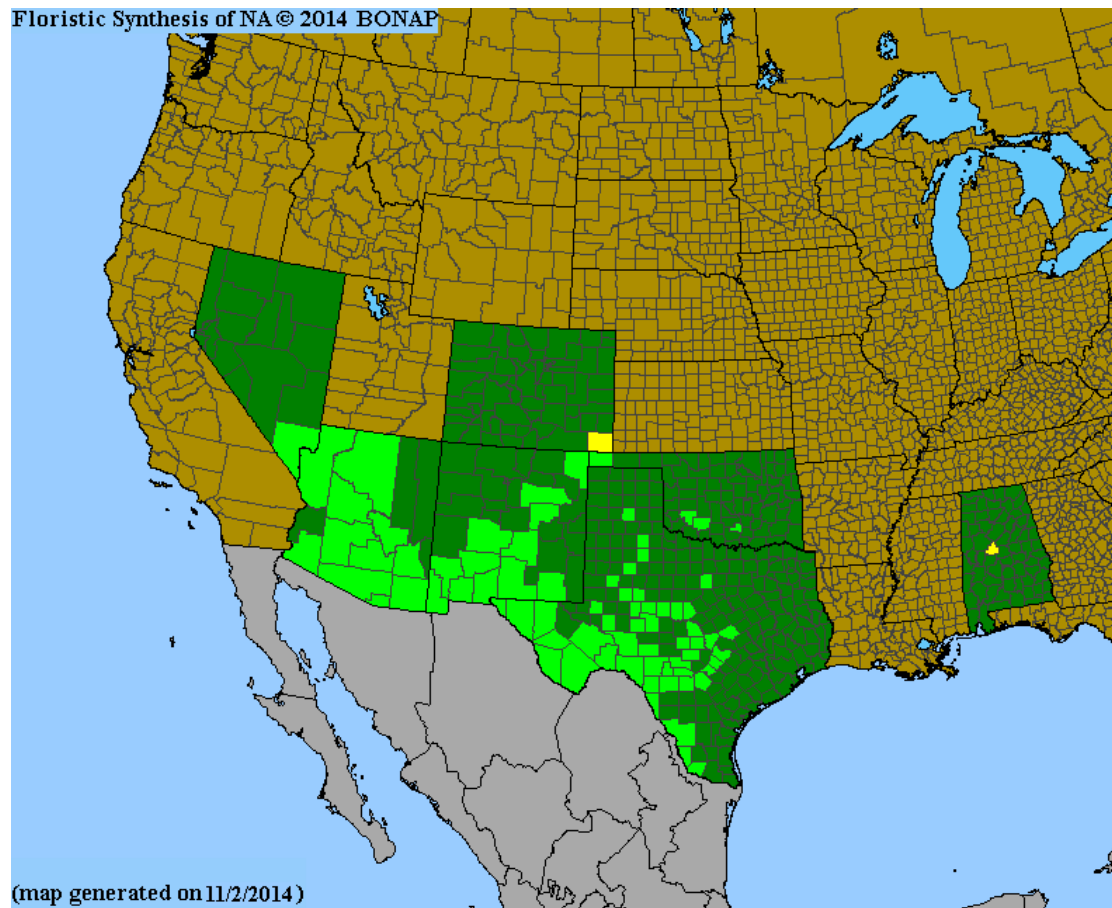
Astroplepis integerrima



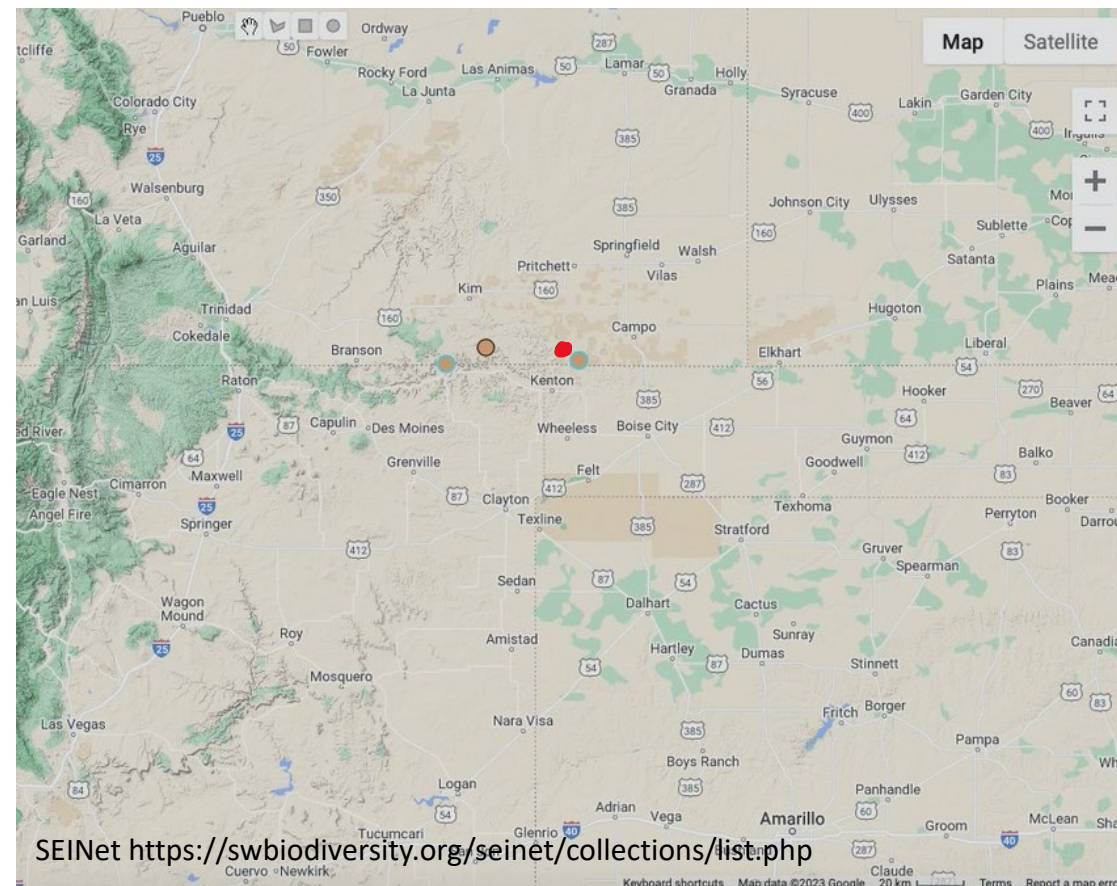
Astroplepis integerrima



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(map generated on 11/2/2014)





Astrolepis integerrima (Hook.) Benham & Windham
32 spores per sporangium

James B. Beck (Wichita State Univ.)

2011

Annotation Label
Astrolepis cochisensis (Gooding) D. M.
Benham & Windham subsp. *cochisensis*

T. A. Ranker & A. R. Orthner

September 2000

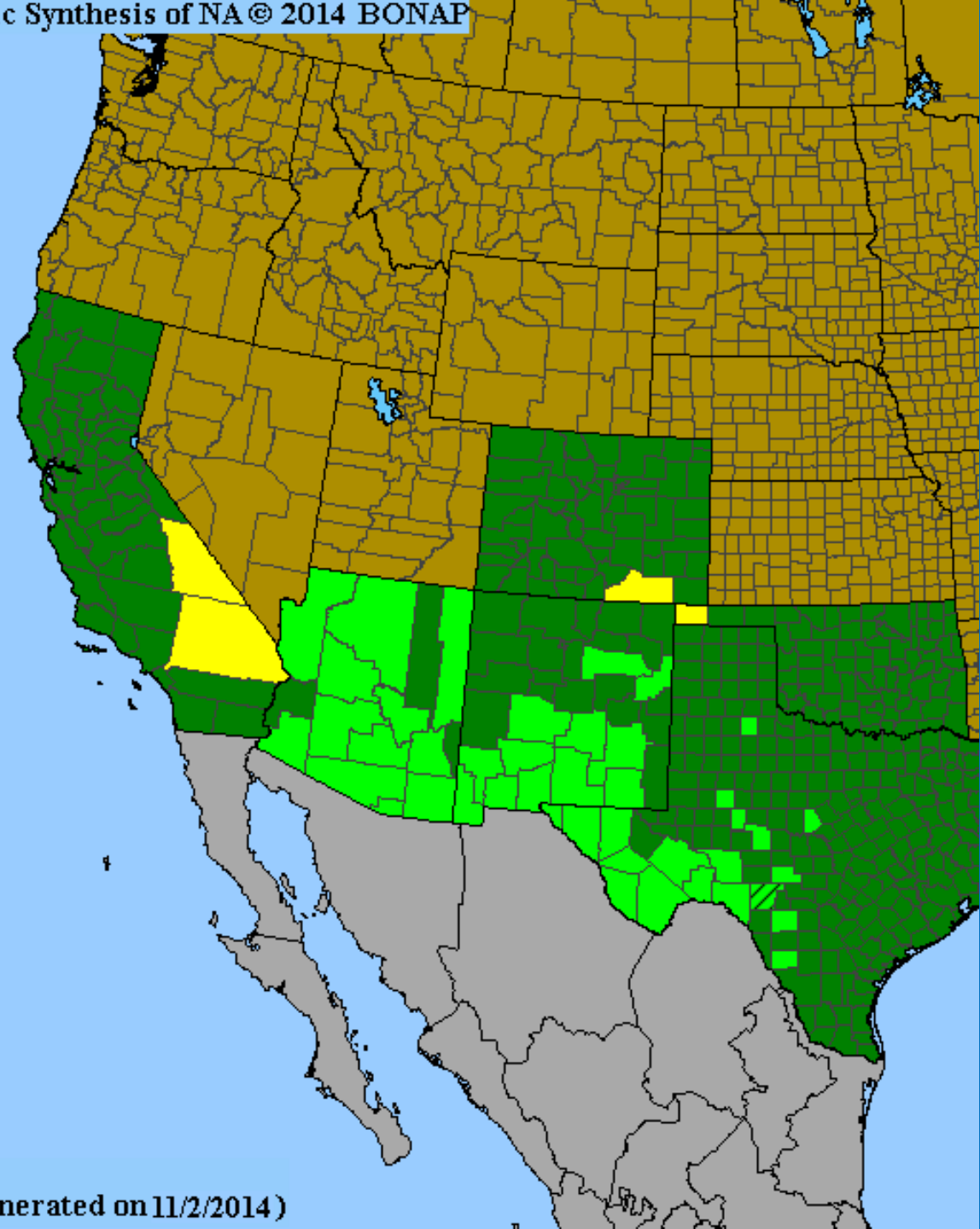
Annotation Label
Astrolepis integerrima (Hooker) Benham & Windham
Det. W. A. Weber, January 14, 1995
Herbarium COLO (Boulder)

Flora of the Mesa de Maya Region
Colorado, U.S.A.

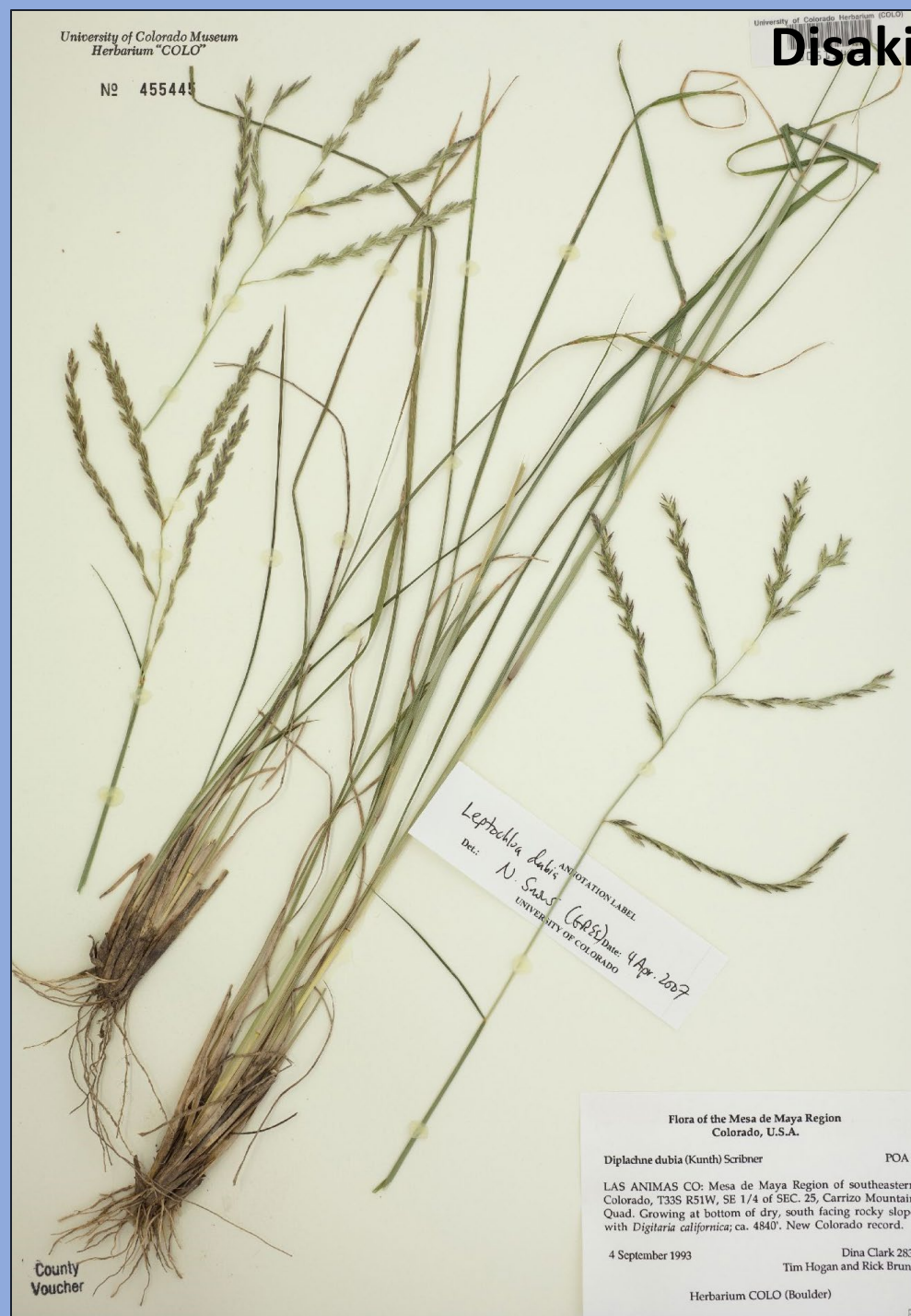
Astrolepis cochisensis (Gooding) Benham & Windham subsp.
integrifolia Hooker

SIN

LAS ANIMAS CO: Mesa de Maya Region of southeastern
Colorado. T35S R54W, NE 1/4 of SEC. 16, Jesus Canyon Quad.



(map generated on 11/2/2014)



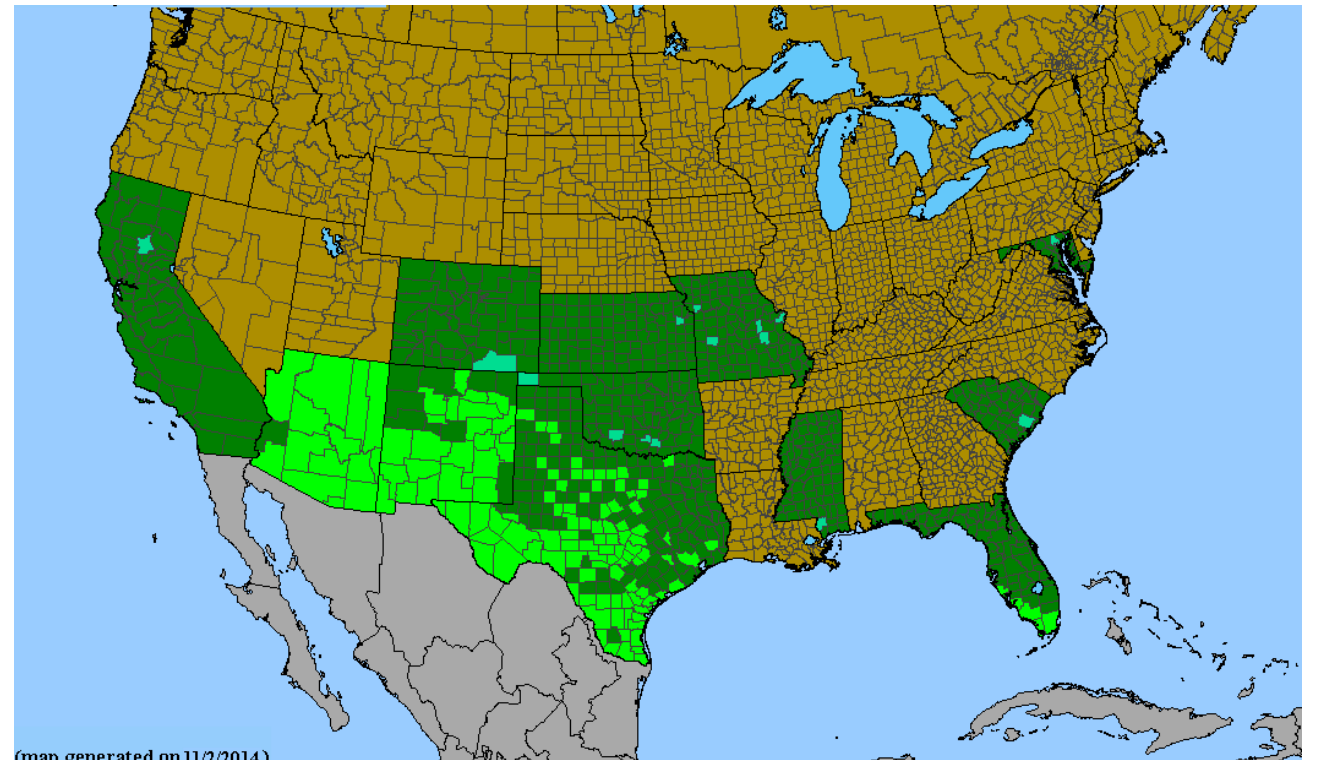
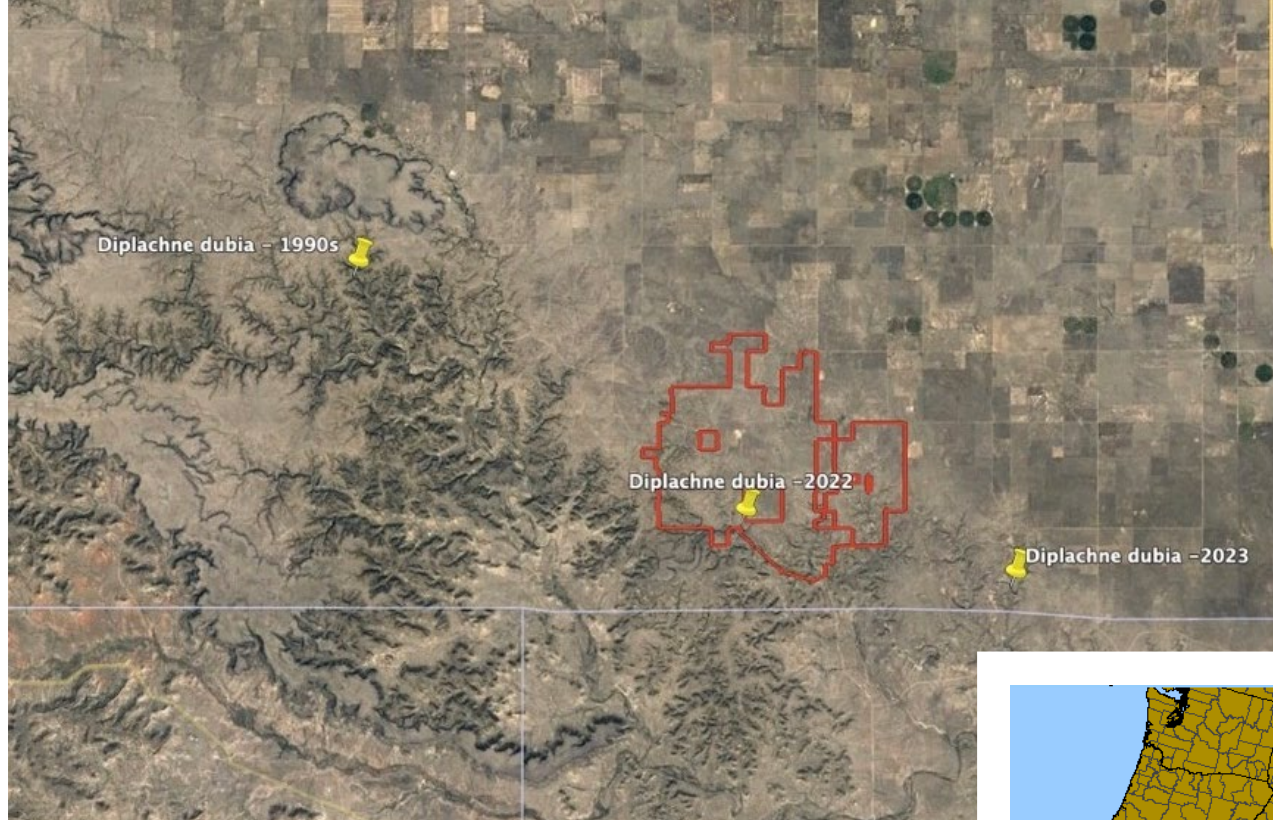
Disakisperma dubium





Disakisperma (Diplachne) dubia



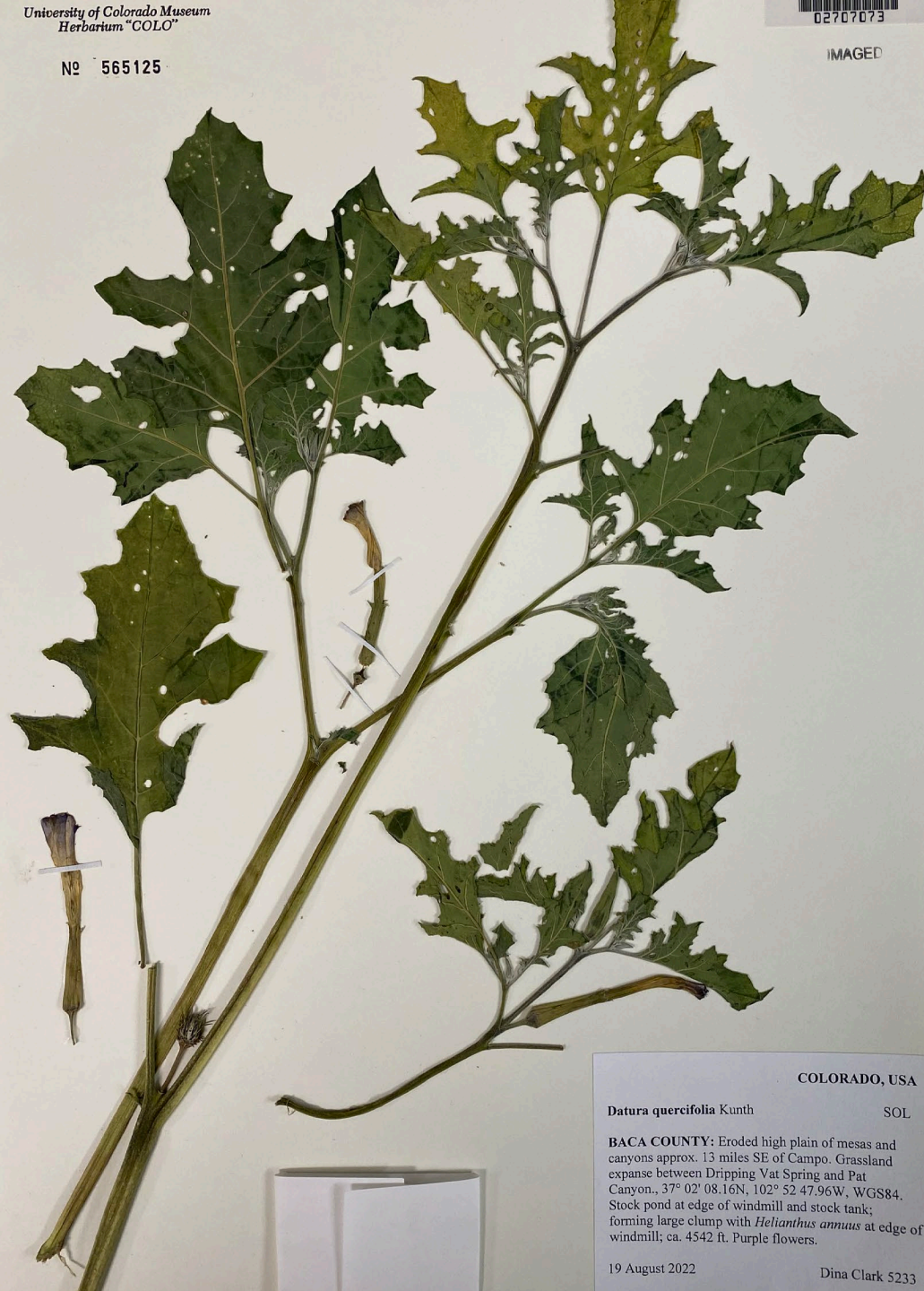


(map generated on 11/2/2014)

No 565125

IMAGED

02707073



COLORADO, USA

Datura quercifolia Kunth

SOL

BACA COUNTY: Eroded high plain of mesas and canyons approx. 13 miles SE of Campo. Grassland expanse between Dripping Vat Spring and Pat Canyon., 37° 02' 08.16N, 102° 52' 47.96W, WGS84. Stock pond at edge of windmill and stock tank; forming large clump with *Helianthus annuus* at edge of windmill; ca. 4542 ft. Purple flowers.

19 August 2022

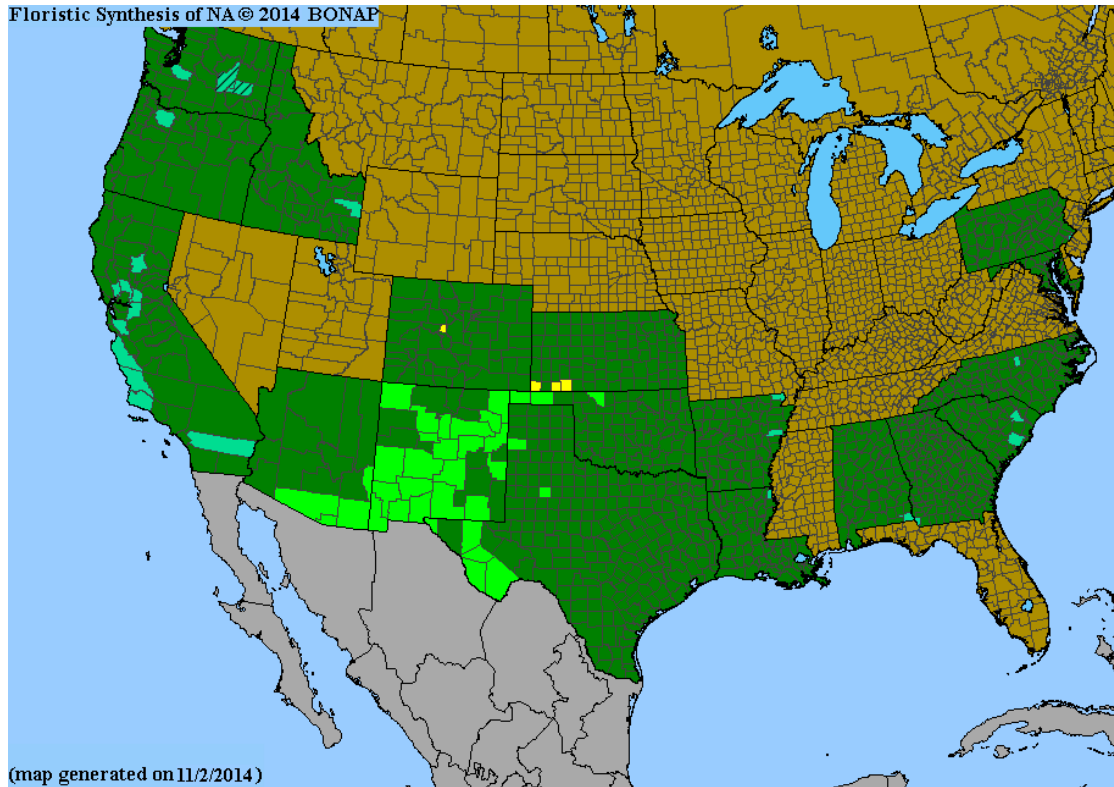
Dina Clark 5233

*Datura
quercifolia*

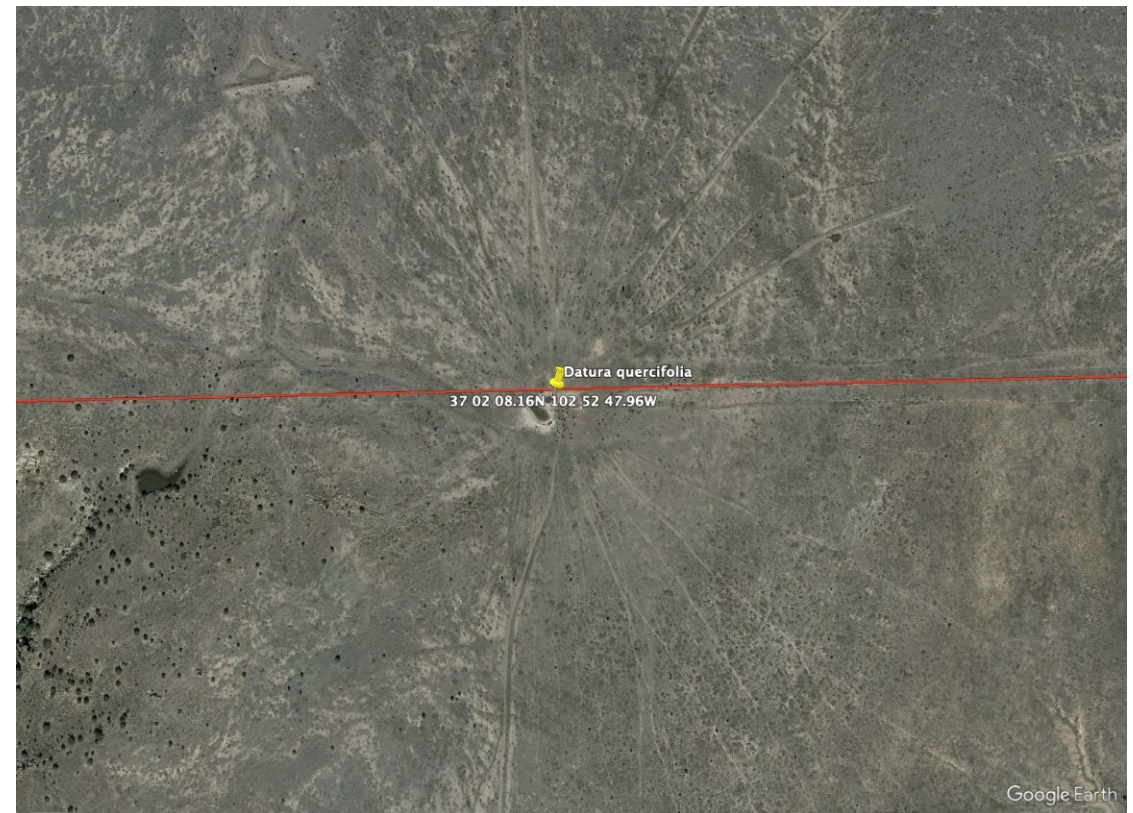


<https://wildflowersearch.org/search?&tsn=30519>

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(map generated on 11/2/2014)

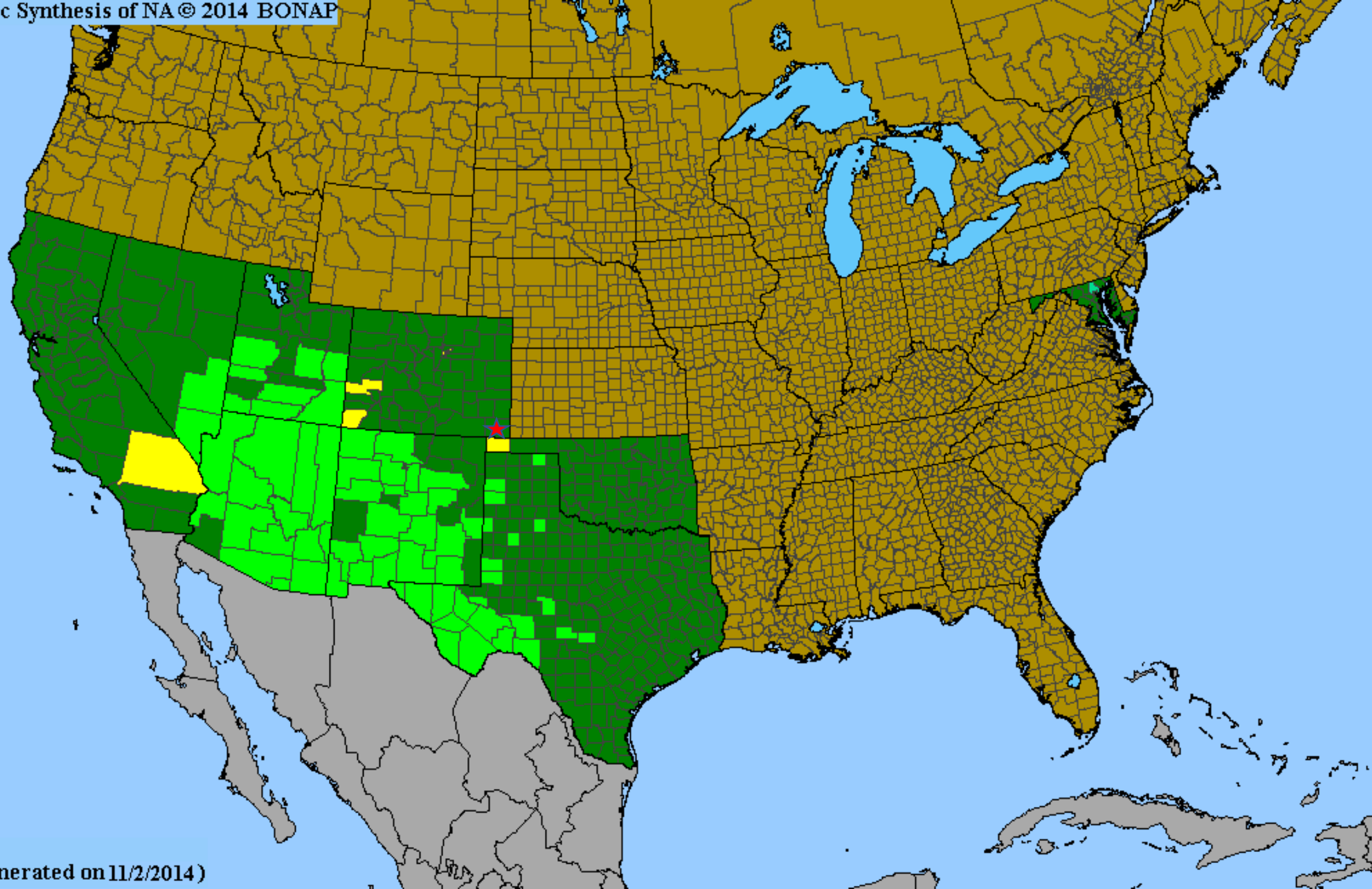


Google Earth

Enneapogon desvauxii

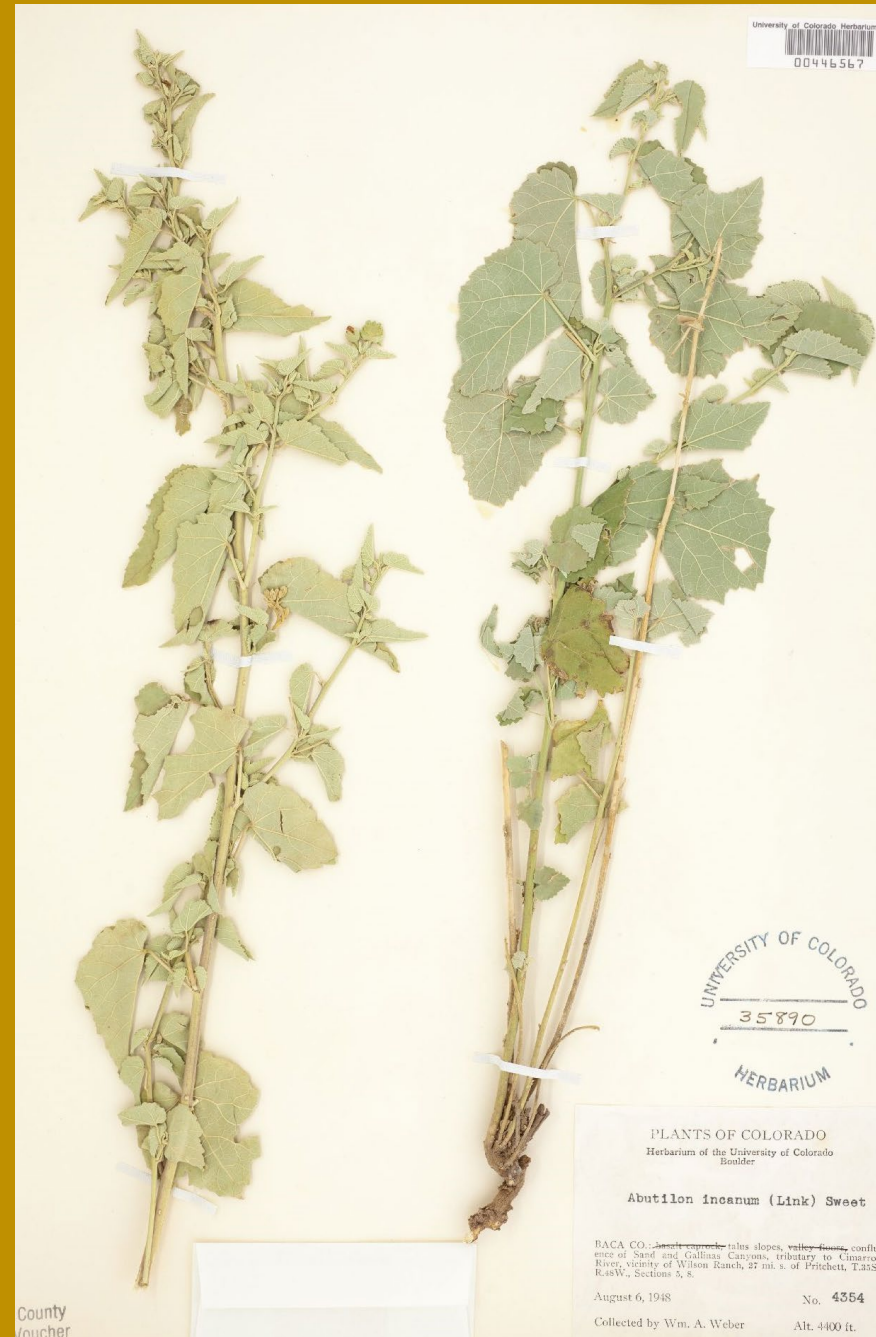








Photos by Christian Nunes



University of Colorado Herbarium
00446567

UNIVERSITY OF COLORADO
35890
HERBARIUM

PLANTS OF COLORADO
Herbarium of the University of Colorado
Boulder

Abutilon incanum (Link) Sweet

BACA CO.: ~~about canyon~~ talus slopes, ~~valley floor~~, confluence of Sand and Gallina Canyons, tributary to Cimarron River, vicinity of Wilson Ranch, 27 mi. s. of Pritchett, T.A.S. Res.W., Sections 5, 8.

August 6, 1948 No. 4354
Collected by Wm. A. Weber Alt. 4400 ft.

County
voucher



Wildflower.org

University of Colorado Museum
Herbarium "COLO"

No 565251

02705305



COLORADO, USA

Abutilon fruticosum Guill. & Perr.

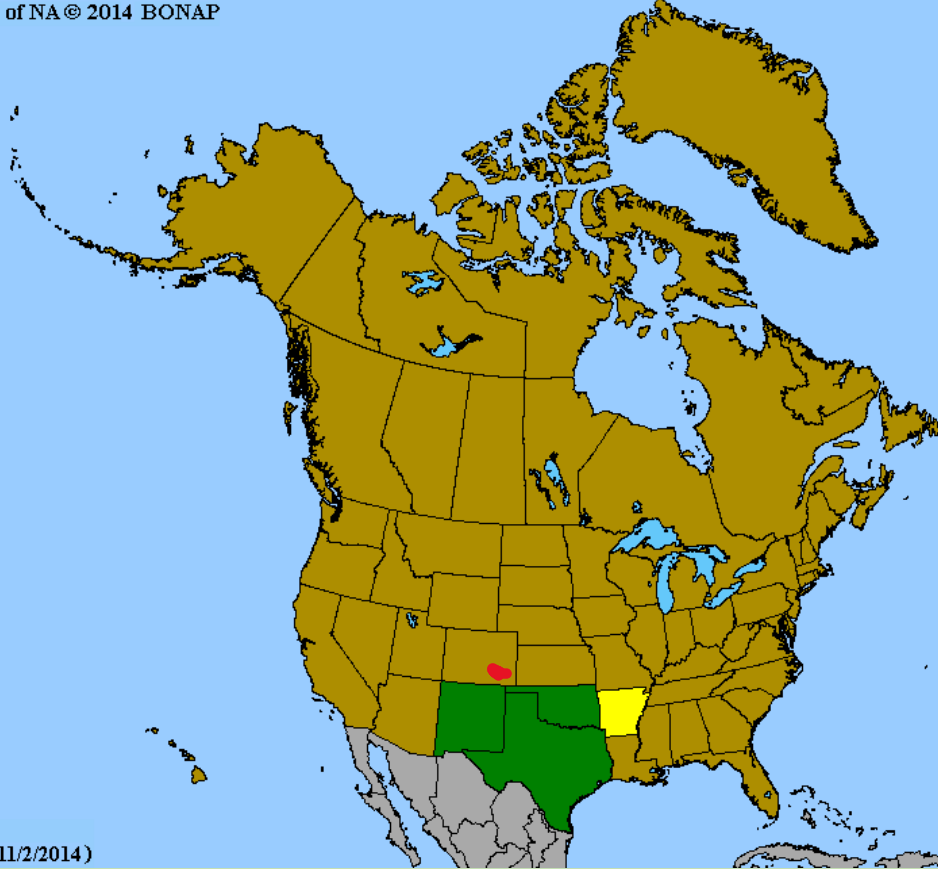
MLV

BACA COUNTY: Eroded high plain of mesas and canyons approx. 13 miles SE of Campo; small branch of Pat Canyon, 37° 02.0090N, 102° 53.4158W, WGS84. West-facing slope of canyon in thick vegetation of *Panicum virgatum*, *Bouteloua gracilis*, *Opuntia imbricata*, and *Sporobolus* with scattered overstory of *Juniperus scopulorum*, *Celtis reticulata* and *Sapindus saponaria* var. *drummondii*; ca. 4464 ft.

19 August 2022

Dina Clark 5250





(map generated on 11/2/2014)

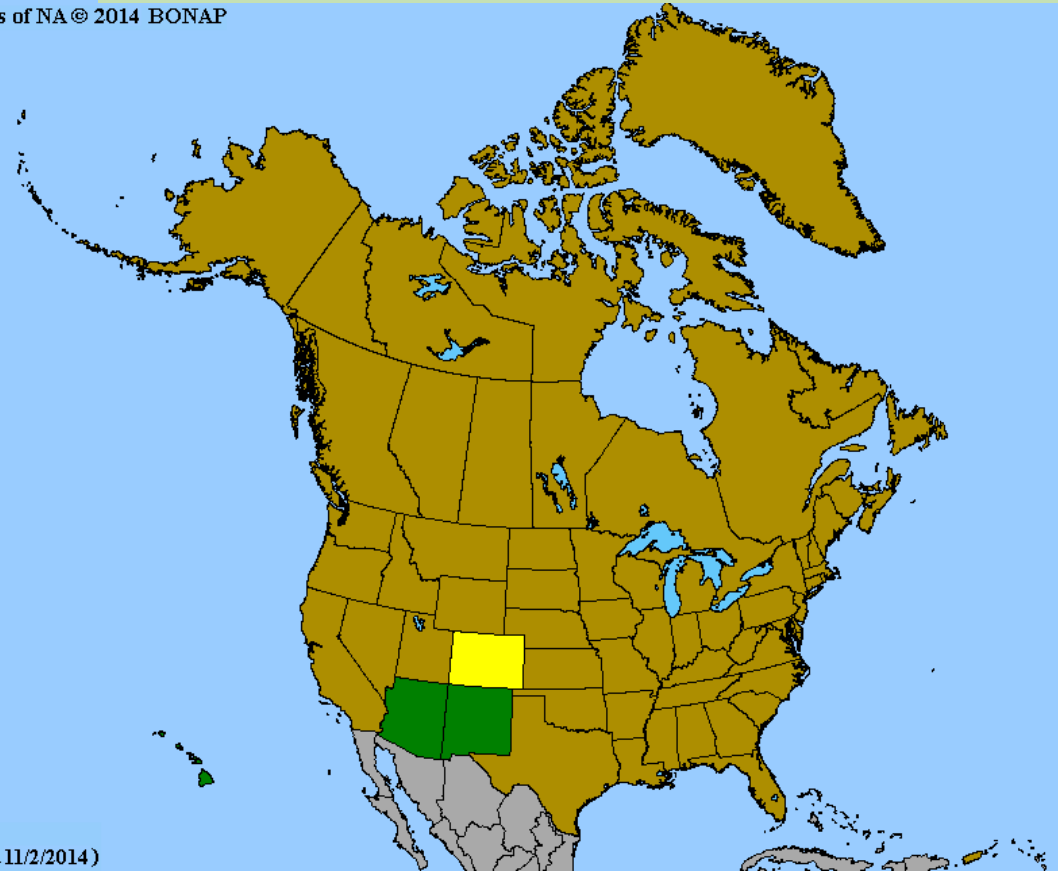
Abutilon fruticosum

thought to be native to the New World; occurs disjunctly in northern Africa and the Levant countries. Widespread in southwestern Texas, scarce in Oklahoma and Arkansas, known from Chaves and Lincoln counties, New Mexico

Floristic Synthesis of NA © 2014 BONAP

Abutilon incanum

Baja California, Sinaloa, Sonora, adjacent Arizona, and disjunctly in Hawaii,



(map generated on 11/2/2014)



FIELD FOLKS

Tim Hogan
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Chris Pague
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Christian Nunes
Terri Schulz
Keith Schultz
Jennifer Ackerfield
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Brendan Norman
James Ryan Allen
Alex Henrie

THANK YOU!

Asclepias asperula