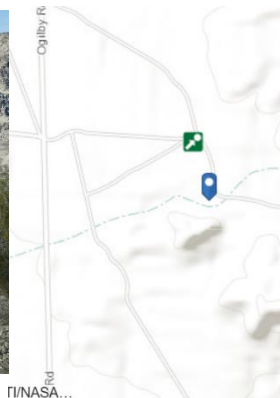


Yuma Chapter AZNPS Field Trip March 22, 2023

1. 9:00 am Meet at the Landing for coffee and logistics.
2. Drive 13.4 miles on I-8 to Exit 159 Ogilby Road. Turn left (south) to an unpaved parking area. This is the first stop to search for wildflowers. See attached checklist of previous collections in the vicinity.
3. Head ~ 8.3 miles north on Ogilby Road (paved) to intersection (BLM Route 668) with Gold Rock Ranch Road. Turn right onto dirt road and drive ~1 mile to sign for Tumco ghost town. Turn right to go ~.3 miles to town site entrance (or turning left goes to old cemetery). For a BLM map of eastern Imperial County California, click on [BLM Routes of Travel for Eastern Imperial County](#). For an introduction to the history of the site, click on [Tumco Historic Mine | Bureau of Land Management \(blm.gov\)](#). See attached checklist of previous collections in the vicinity.



4. If desired, on the return trip stop at the Center of the World, Felicity, CA to see the History of Humanity in Granite Museum. For more information click <https://www.historyingranite.org/>.



I-8 exit 159 (Ogilby Road)

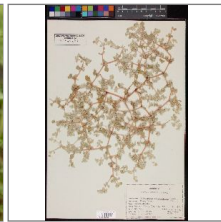
Families: 23
 Genera: 57
 Species: 66
 Total Taxa: 66



Amaranthus palmeri
Careless Weed
 [AMARANTHACEAE]



Atriplex elegans
wheelscale saltbush



Tidestromia oblongifolia
Arizona Honeysweet



Asclepias subulata
Rush Milkweed
 [APOCYNACEAE]



Hesperocallis undulata
Desert-Lily
 [ASPARGACEAE]



Ambrosia dumosa
White Burrobrush
 [ASTERACEAE]



Baileya pleniradiata
Woolly Desert-Marigold



Chloracantha spinosa
Mexican-Devilweed



Dicoria canescens
Desert Twinbugs



Geraea canescens
Hairy Desert-Sunflower



Helianthus niveus
Showy Sunflower



Palafoxia arida
Desert Palafox



Pectis papposa
Many-Bristle Chinchweed



Sonchus oleraceus
Common Sow-Thistle



Stephanomeria pauciflora
Brown-Plume Wire-Lettuce



Chilopsis linearis
Desert-Willow
 [BIGNONIACEAE]



Johnstonella angustifolia
Panamint Narrow-Wing Cat's-Eye



Johnstonella costata
Ribbed Narrow-Wing Cat's-Eye



Nama demissa
Purplemat



Nama hispida
Sandbells



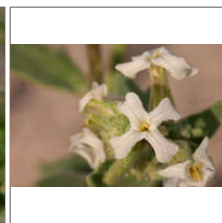
Pholisma sonorae
Sandfood



Tiquilia plicata
Fan-Leaf Crinklemat



Brassica tournefortii
Asian Mustard
 [BRASSICACEAE]



Dithyrea californica
California Shieldpod



Achyronychia cooperi
Onyx-Flower
 [CARYOPHYLLACEAE]



Ephedra trifurca
Long-Leaf Joint-Fir
[EPHEDRACEAE]



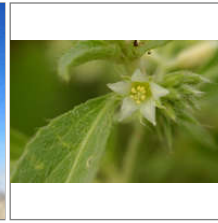
Chamaesyce micromera
Sonoran Sandmat
[EUPHORBIACEAE]



Croton californicus
California Croton



Croton wigginsii
Dune Croton



Ditaxis neomexicana
New Mexico silverbush



Ditaxis serrata
Yuma silverbush



Euphorbia polycarpa
Small-Seed Sandmat



Stillingia spinulosa
Annual Toothleaf



Acmispon strigosus
Strigose Deerweed
[FABACEAE]



Astragalus insularis
Cedros Milk-Vetch



Astragalus lentiginosus
Freckled Milk-Vetch



Dalea mollis
Hairy Prairie-Clover



Lotus strigosus
strigose bird's-foot
trefoil



Prosopis glandulosa
Honey Mesquite



Psoralea emoryi
Emory's Smokebush



Fouquieria splendens
[FOUQUIERIACEAE]



Mentzelia longiloba
[LOASACEAE]



Mentzelia multiflora
Adonis Blazingstar



Abronia villosa
Desert Sand-
Verbena
[NYCTAGINACEAE]



Allionia incarnata
trailing windmills



Chylisma claviformis
Browneyes
[ONAGRACEAE]



Eremothera boothii
Shredding Mooncup



Oenothera deltoides
Devil's-Lantern



Oenothera primiveris
Yellow-Flower
Desert Evening-



Orobanchaceae
desert broomrape
[OROBANCHACEAE]



Plantago ovata
Blond Plantain
[PLANTAGINACEAE]



Aristida adscensionis
Six-Weeks Three-
Awn
[POACEAE]



Aristida californica
California Three-
Awn



Bouteloua barbata
Six-Weeks Grama



Hilaria rigida
big galleta



Panicum urvilleanum
Desert Panic Grass



Pennisetum ciliare
Buffel Fountain Grass



Schismus arabicus
Arabian Mediterranean Grass



Chorizanthe corrugata
Wrinkled Spineflower



Chorizanthe rigida
Devil's Spineflower



Eriogonum deserticola
Colorado Desert Wild Buckwheat



Oligomeris linifolia
Line-Leaf Whitepuff
[RESEDACEAE]



Datura discolor
Desert Thorn-Apple
[SOLANACEAE]



[POLYGONACEAE]

Tamarix chinensis
Five-Stamen Tamarisk
[TAMARICACEAE]



Kallstroemia californica
California Caltrop
[ZYGOPHYLLACEAE]



Larrea tridentata
Creosote-Bush

Tumco Historic Mine

Families: 23
 Genera: 50
 Species: 59
 Total Taxa: 59



Asclepias subulata
Rush Milkweed
 [APOCYNACEAE]



Ambrosia dumosa
White Burrobush
 [ASTERACEAE]



Bebbia juncea
Sweetbush



Chaenactis carphoclinia
Pebble Pincushion



Encelia farinosa
Goldenhills



Monoptilon bellioides
Mojave Desertstar



Perityle emoryi
Emory's Rockdaisy



Psathyrotes ramosissima
Velvet Turtleback



Cryptantha barbiger
Bearded Cat's-Eye
 [BORAGINACEAE]



Cryptantha maritima
Guadalupe Cat's-Eye



Johnstonella holoptera
Narrow-Wing Cat's-Eye



Phacelia crenulata
Notch-Leaf Scorpion-Weed



Lepidium lasiocarpum
Hairy-Pod Pepperwort



Cylindropuntia acanthocarpa
Buck-Horn Cholla
 [CACTACEAE]



Cylindropuntia echinocarpa
Golden Cholla



Cylindropuntia ramosissima
Darning-Needle Cholla



Opuntia basilaris
Beaver-Tail Cactus



Ditaxis lanceolata
narrowleaf silverbush
 [EUPHORBIACEAE]



Euphorbia polycarpa
Small-Seed Sandmat



Euphorbia setiloba
Yuma Sandmat



Acmispon maritimus
Coastal Deerweed
 [FABACEAE]



Astragalus insularis
Cedros Milk-Vetch



Calliandra eriophylla
Fairy-Duster



Dalea mollissima
Soft Prairie-Clover



Lotus strigosus
strigose bird's-foot trefoil



Lupinus arizonicus
Arizona Lupine



Marina parryi
Parry's False
Prairie-Clover



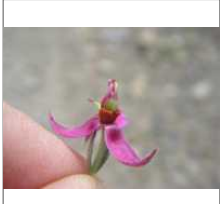
Psoralea fremontii
Fremont's
Smokebush



Psoralea spinosa
Smokethorn



Fouquieria splendens
[FOUQUIERIACEAE]



Krameria bicolor
White Ratany
[KRAMERIACEAE]



Krameria erecta
Small-Flower Ratany



Hyptis emoryi
desert lavender
[LAMIACEAE]



Hibiscus denudatus
Paleface
[MALVACEAE]



Sphaeralcea ambigua
Apricot Globe-
Mallow



Sphaeralcea laxa
Caliche Globe-
Mallow



Allionia incarnata
trailing windmills
[NYCTAGINACEAE]



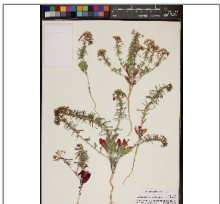
Camissonia cardiophylla
heartleaf suncup
[ONAGRACEAE]



Camissonia walkeri
Walker's suncup



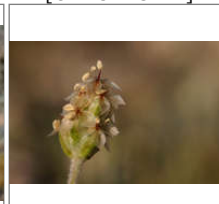
Chylismia claviformis
Browneyes



Eremothera boothii
Shredding Mooncup



Eschscholzia minutiflora
Pygmy Golden-
Poppy



Plantago ovata
Blond Plantain
[PLANTAGINACEAE]



Aristida adscensionis
Six-Weeks Three-
Awn
[POACEAE]



Bouteloua aristidoides
Needle Grama



Cynodon dactylon
Bermuda Grass



Hilaria rigida
big galleta



Muhlenbergia microsperma
Little-Seed Muhly



Schismus arabicus
Arabian
Mediterranean Grass



Langloisia setosissima
Bristly-Calico
[POLEMONIACEAE]



Chorizanthe brevicornu
Brittle Spineflower
[POLYGONACEAE]



Eriogonum inflatum
Indian-Pipeweed



Condalia globosa
Bitter Snakewood
[RHAMNACEAE]



Phoradendron californicum
Mesquite Mistletoe
[SANTALACEAE]



Simmondsia chinensis
Jojoba
[SIMMONDSIACEAE]



Lycium andersonii
Red-Berry Desert-Thorn
[SOLANACEAE]



Fagonia laevis
California Fagonbush
[ZYGOPHYLLACEAE]



Fagonia pachyacantha
Sticky Fagonbush



Larrea tridentata
Creosote-Bush