

# Plants of Arizona. (mostly,)

Collected Aug - Oct, 1883.

By J.B. & S. P. Hermon 1205 Franklin St. Oakland Cal,  
(Poly petalae,)

No 3001, Sisymbrium diffusum, Gray  
~~Sisymbrium flavescent?~~ but fls. white, High ravine of  
Santa Catalina Mts, Aug, 1883.

2. Drymaria serpuloides, Gr. In corn field Igo's Quachina, Mts, Sep.

2 1/2 Silene Douglasii, Hook bluffs, Webber Lake Cataract, Cal,  
Sent you this before but it is

not described, Always slender, etc,  
3. Talinum confertiflorum, Greene - at least in part  
~~Calceolaria~~ Wet slopes of high ravines in

the Santa Cat, Mts, Aug; also Apache Paf, Chiricahua, Sep.

4. Vitis incisa, Nutt.  
~~Ampelopsis~~ Peculiar succulent leaves, Santa Cat, Aug.

5. Nauguelia Torreyi, Nutt. ! Santa Catalina Mts, Aug.

6. Ingenhousia triloba, DC  
~~or triloba?~~ What shall we call it  
in our sets, have fine spec, now (N.B. oblique petals?)

7. ~~Abutilon~~ Sida diffusa, HKK. Dry bluff, Quachina Mts, Sep.  
(S. filiformis, Moench.)

8. Sphaeralcea  
Sida spinosa, L., v. angustifolia, Griseb.  
Igo's ranch " " "  
Always small, flowers gone,

9. Sphaeralcea angustifolia, Griseb. same locality as above,

10. Galium Santa Cat, on bluffs, Aug,

11. " Apache paf, Chiricahua Sep.

12. " " " "

13. " " " "

3014 *Calliandra* — ?  
~~*Acacia*~~

Only a few plants seen on  
high wet slopes of Santa Catalina Mts, Aug '83,  
about 18 inches high, branching from the base,  
15 *Acacia constricta*, Bth. Called *A. constricta* as also the next,  
this from plains around Tucson, and the  
foot-hills of Santa Catalina Mts, Aug.

16 " " Called *A. constricta* but they must be  
distinct. This has long slender branches and  
shorter pods, never becomes so large a bush as  
the one above, Babacomari creek, Sep.

17 *Astragalus* <sup>*concolor* Gray</sup> (near *humistratus*) Igo's ranch, Huachuca Mts Sep.

18 *Tephrosia tenuella*, Gray  
~~*Gracca sericea*~~ Sand washes of Santa Catalina Mts, Aug.  
unlike the one of Huachuca, growing on high bluffs,  
which also has nodulous roots, etc.

19 *Calliandra* <sup>*eriosphylla*, var.?</sup> ~~*concolor*~~ Huachuca, Mts, Sep. Is  
this a good species, distinct from *C. eriosphylla*,

20 *Dalea* <sup>*laevigata*, Gray - var.?</sup> ~~*laevigata*~~ Foot-hills Santa Cat, Aug.  
After collected it but supposed it *D. laevigata*,  
or is there another? = your 34 (1880).

21, " *brachystachya*, Gray Babacomari creek, Sep. Always small, etc.

22 " " a well developed form Igo's ranch, Huachuca Mts, growing  
with *D. brachystachya*.

23, *Lesmodium cinerascens*, Gray (large fls) Santa Cat, Aug.

24, " *gramineum*, Gray. (finer lvs) One plant found, only, " " "  
very rare

24½ *Lupinus* <sup>*Porteri*, Gray</sup> On cement slopes near  
Meeker Lake Cal, & Sierra valley, Cal.

25 (I'll put the *Ganopitidae* on other  
sheets for Dr Gray -)

(Gamopetalae,,)

Compositae.

3025, *Aplopappus* near Camp Howell  
and foot hills Santa Catalina Mts., Ariz.

36, *Lophosia*? In fruit only, (on rocks!) " " "

27 *Artemisia* Forms dense undergrowth along  
bottom lands Rillito creek, near Santa Cat., Ariz.

28 *Bidens* My *Bidens* are not all cleared  
of errors yet. This from a stream bank of  
the Sonoran Mts. 3 ft. tall & very large  
you called *B. Bigelovii* (No 2771 of last year)

29 " This also from Sonoran Mts. but  
on dry upland and always small you call  
*B. Bigelovii*, (No 333, of recent letter.)

(2767) " Is this *B. leucantha*, somehow it  
was omitted in your report. Sonoran Mts. Def.

3030, *Franseria* Santa Catalina on a  
high peak. Only a few plants 2 ft. high, Ariz.

31, *Pectis* Probably *P. filipes* but a curious  
form. Never showed any rays, Santa Catalina Ariz.  
on high cliffs of Rillito creek.

32, *Pyropappus* — Sonoran Mts  
Grand Gorge, same  
locality as last year, but better spec. this time.

33, *Tsinia pumila*, Santa Catalina Mts., Ariz.

34, *Parthenoc mollis*, L., Never saw this in fruit before  
2 to 5 ft. high. Cliffs of cañons, Santa Cat., Ariz.

35, *Demisea*? Babacaroni creek near Sonoran Mts., Ariz.  
Only one plant seen, branching from the base,

Boott Compositae  
3036. Gonolobus

Along streams Santa Cat. Aug.

37. Dichondra repens Igies ranch. Sansevieria bet. Sep.

38. Jacquemontia Bringlei Bluffs of ravine Santa Cat. Aug.  
Often collected, but supposed it was Chenop. acutellata.

39. Spomea Reddingii (if new,) Santa Catalina, along

streams Aug. and Babacomari creek, Sansevieria <sup>Aug.</sup>  
"not described but near to the one referred to in  
"Synopsis Fl. S. A." Page 213, under S. Wrightii <sup>Aug.</sup>  
discovered by Palmer on the Nagai river, a low  
creeping, filiform peduncles, — which this Chenop.  
though very long and erect. As this is a  
very large and beautiful species, if distinct I re-  
spectfully request that it be named in honor  
of Hon. C. B. Redding, late Chief Commissioner of Cal.  
one of the most useful scientists yet residing on the  
Pacific Coast. May I describe it and  
have it figured for the Pacific Ruralist? to be first  
read before its sending of specimens.

3040 — ? I cannot make this fit into any  
order in our books, unless it is a new species of  
Gordia in the Corraginaceae. If so it is in  
the S. 2. near C. glabra, but peduncles Chenop.  
and fls. Crucif. The flowers tough as bark skin,  
Drythamnia hesperiana Chenop. Santa Catalina, Nov. Aug.

41. Corraginaceae. I do not succeed in putting this right  
any of the genera of Crucif. Fl. S. A.  
Point hills, near Camp, Santa Cat. Aug.  
The plants more firm, the branches tough as bark skin,  
and I mistook them at first for Lithospermum  
angustifolium, but not that, and I find no  
species with hairy nettles, etc., described.

42. Echinopspermum Redouletii, 2-3 ft high, Santa Cat. Aug.

43. (Schroph.) I fail to find a genus for this.  
On bottom lands of Relicta creek, near Stock-  
mud cabin, Point hills Santa Catalina, Aug.  
Fls. quite showy, purple.

44. Cerpeotis chamadryoides, Stream banks Santa Cat. Aug.  
Is this its typical or the new pedunculata?

3045 Cordylanthus Wrightii, Crucif. Sp.  
the Chiricahua Mts. Fl. S. A.

# Apetalae

- 423047, *Eriogonum ~~speciosum~~*<sup>gray</sup> High ravines Santa Cat. Aug.  
 48 *Boerhaavia paniculata*, Rich " " " " "  
 49 " *viscosa*, Lay. Foot-hills " " "  
 50 *Mirabilis oxycarpoides*, Gray " " "  
 51 *Boerhaavia scandens* (~~boerhaavia~~?) Cow bushes " "  
 52 *Jatropha cardiophylla*, Muell. In good fruit and with the sterile flo. on separate plants, Santa Cat. Aug.  
 53 *Jatropha angustidens*, Muell. *Onidoscalis angustidens*, (of Bot. Mex. Bond.) A few plants on a high ravine south side Santa Cat. Aug.  
 54 *Manihot angustiloba*, Muell. ~~*Jatropha*~~ near the above. Aug.  
 55 " *Loeflingii*, (L.C.) Sand wash of Ailletta creek, south side Santa Catalina, Aug. A single plant.  
 56 *Euphorbia pediculifera*, <sup>Eph. luv.</sup> Stick-and-mud cabin south side Santa Catalina Mts. near Tucson, Aug.  
 57 *Chenopodium fasciculatum*, L. ~~*Atriplex*~~ Igo's ranch, Huachuca Mts. Sep.  
 58 *Aristolochia* <sup>*brevis*, Bth., var. *acuminata*, Watson</sup> ~~*fragilis*~~ variable forms. Foot-hills of Santa Catalina Mts. and also well up the Mts. Aug.  
 59 *A. labiate*, Along streams south side Santa Cat. Aug.  
 60 *Martynia* with large flo. otherwise same as the other both on sands of plains near Tucson, Aug. Which is which?  
 61 *Coffea pappophoroides*, Kth. ~~*grape*~~ I cannot determine grapes with certainty, except in rare instances so send (Huachuca Mts.) on the few we have for this season. I hope our large coll. in the hands of Dr. Schubert may be determined soon.  
 in shades)

Carex trichocarpa, Muhl., Lam. 257, 1817 Culm slender, 2°-3° high; leaves narrow (2"-3" wide) long pointed, scabrous, the sheaths smooth; staminate spikes two or three together on a slender peduncle 2'-5' long, their scales appressed, mostly obtuse or nearly so, usually erose; pistillate spikes cylindrical (5"- broad) mostly loosely flowered towards the base, the lower on exserted stalks; perigynium <sup>conspicuously nerved</sup> setose-hairy, broadly ovate at the base, tapering rather abruptly into a cylindrical beak which is tipped by nearly upright <sup>short</sup> teeth ( ), twice or more as long as the ovate scale. — Rather dry places throughout the Northern States east of the Mississippi. A form with <sup>nearly</sup> lanceolate perigynia from New York (Sartwell & Dewey) is var. turbinate, Dew. var. inherbis, Carey, Perigynium smooth, teeth usually shorter, pistillate scales longer, and sheaths scabrous — New York (Sartwell & Booth) to Illinois (E. Hall)

var. Deweyi. Leaves scabrous; staminate scales <sup>smooth</sup> very acute; perigynium <sup>teeth mostly short.</sup> ovate-lanceolate, <sup>not</sup> strongly nerved, spreading; scales very acute, about the length of the perigynium. <sup>Big Sioux & Yellowstone</sup> ~~Nebraska~~, Hayden, Bismarck, Dakota, A.B. Seymour, and Northward.

- 3062 *Panicum* — ? Santa Catalina along water courses, Aug.  
 63 *Pappophorum wrightii*, Watson " on sands "  
 64 *Leptochloa mucronata*, Kth in shades "  
 65 *Triodia pulchella*, HBK. " on dry bluffs "  
 66 *Panicum*? " under bushes "  
 67 ~~*Bromus ciliatus*, L~~ *Bromus ciliatus*, L? *Brachyca Mts*, on bluffs, Sep.  
 68 *Panicum - Murr.* Babacomari creek, near Huachuca Mts. HBK. "

3069 ? Here is the queerest thing  
*Hermannia paniciflora*, Watson  
 we have met with this summer, sparsely  
 found on the north side of a high ravine in  
 the south side of the Santa Catalina Mts.  
 Aug. At first I thought it *Adelva*  
 but a glance dispelled that. See its large  
 undulate-winged, prickly fruit, still accompanied by  
 the five stamens and even anthers!  
 Only 2 plants found of which this is the largest.

3080 *Haplophyton cirrroidum*, Got before in the  
 Santa Catalina but not in fruit,  
 very fine spec., Aug, Santa Cat,

*C. Trichocarpa*

var. *inulcris*, <sup>Man</sup> *Erz.* 1867

var. *Deweyi*

*C. laeviconica* Dew. Sill. Journ. XLV, 47, 1887

var. *anistata* R. Br. Frank. Var. *Aspen.* 764, 1823

*C. nigrata*, Dew. Woods Bot. 593, 1848



Lemmon, J. G. and Lemmon, Sara Allen Plummer. 1883. "Plants of Arizona (Mostly)." *Plant lists : Arizona, California, etc*

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