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Jan. 13, 1940

Dear Professor Bartlett,

I am enclosing my list of identifications covering that very interesting lot of plants collected in Mexico by Mr. White in 1939. I have not only greatly enjoyed working over Mr. White's plants, but I have also found it very profitable as well. Mr. White is a good collector and has the knack of making repeated collections of the critical groups which need to be collected more than once.

I have been roughing out the Chihuahuan Desert flora for Dr. Shreve. For this Mr. White's material has been very helpful, indeed. His material from the oak and pine country in Chihuahua and adjacent Sonora is the first I have ever studied from that area. I now have a feeling for the flora of the area, as to composition and its relations with that of adjacent regions, and particularly so with the Chihuahuan Desert to the east. Naming this material has been a very valuable experience and one for which I am most grateful. In a similar manner Mr. White's material from Nuevo Leon and eastern Coahuila (Muzquiz, San Martin Dam, Monclova) has given me a better idea of the flora east of the Chihuahuan Desert and in the critical area along its eastern border. You will understand, therefore, that I truly did find work of the material very enjoyable and most profitable.

My work on the intermontane flora has really just gotten under way; just far enough so that I see problems in almost every genus.

The identifications I give now are the best for the moment. As I scan the list, however, I realize that many will probably be modified after my work has progress further. In some groups the confusion is so great that I have not attempted to give the species. However, all the collections will be cited in my report, eventually.

You will notice that I have not reported on the Conifers, Oaks

and Salicaceae. Prof. Rehder promised to do these for me but he is now swamped in proof for the new edition of his Manual, and wishes more time. I am now thinking of sending the Oaks to Mueller.

It was tragic, indeed, that White's material from between Cuatro Ciénegas and Escalon was lost. This part of the collection is from the heart of my region and from the very area from which I am most anxious to see collections. It is part of a vast tract of country which has never seen a botanist.

I have indicated a number of new species. Most of these will be published in the April number of the Arboretum Journal.

Thanking you again for the happy privilege of studying Mr. White's very fine collection, I am, with kind regards and all good wishes,

Yours sincerely,

A handwritten signature in cursive script, appearing to be 'J. M. Coulter', written in dark ink.

April 23, 1940

Dear M r. White,

I am enclosing a list of identifications for the 136 numbers contained in the second shipment of your 1939 Mexican collections, which are mentioned in your letter of the 11th. The collection contains some plants of unusual interest since many of the specimens came from within the marked endemic area in extreme western Coahuila. Your new species of *Haploesthes* is a very distinct and adds a second member to this formerly monotypic genus.

Where do you plan to go next Summer? If you have not made final plans here are some suggestions. From Saltillo there is a road which goes SE up across the face of the mountains (fronting Saltillo) to Diamante Pass and into the mountain valleys beyond. The road is steep but safe and the collecting along it is magnificent. Every thing from bahada, chaparral, pine-belt to mountain grass-land all within a couple hours from Saltillo. Shreve and I went over the road in 1938 but I know of no other botanist who has even seen the road. It is a rich new field and a wonderful collecting opportunity. One could spend the whole summer collecting along that road and back into the Sierras.

Gregg, Wislizenus and Thurber (after Berlandier) are the first collectors in the desert intermontane plateau. Gregg and Wislizenus travelled the same road from Chihuahua to Saltillo and a good description and map is found in Wislizenus Memoir. Thurber was with John R. Bartlett (see his Personal Narrative-1854-56) who has given a map and a description of their route, from Chihuahua to Saltillo. Bartlett also has an account of his visits to your country on the Chihuahua-Sonoran boundary (Thurber accompanied him as botanist).

Some botanist should follow the old road from Saltillo to Parras and make a collection of topotypes. Also a day or so should be spent at Pena pass (west of Parras and NE of Viesca) where the adjacent numerous canyons and ridges should produce a lot of exciting plants. The San Lorenzo of Wislizenus and Bartlett is the San Lorenzo de la Laguna of Palmer, a locality at which Palmer got a lot of the rare endemics subsequently found much further north in gypsum soils north of Mochovano. Ill bet there is a big gypsum flat near San Lorenzo and that Palmer collected on it.

In 1938 Shreve and I took the newly made road from Mapimi west to Palmito Dam on the upper Nazas. The road is a beauty going from the edge of the bolson, straight west through mixed chaparral, across the wonderful Zarca grasslands, over the crests (oak-juniper) of the Sierra de Zarca and then down to the upper Nazas. The road offers a wonderful chance for a collector. In fact one could collect several weeks along it. Then go north to Inde and Parral from Palmito Dam. The crests of the Sierra de Zarca and the country about Cadena Pass should produce a lot of fine plants. The Cadena area is an hour west of Mapimi and is a point on the Gregg-Wislizenus route. The slopes of the mountains should be fine collecting places.

Dr. Bartlett has written me asking if the A.A. could contribute to this next collecting trip. Dr. Merrill is away at present. However, I am inclined to believe I can prevail on Dr. M. to help with your good work. I will write Dr. Bartlett as soon as I get definite word.

With best of regards,

J. M. S. P.

March, 8, 1940

Dear M r. White,

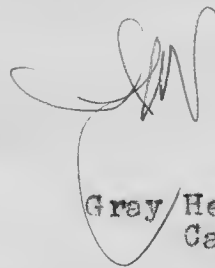
I am enclosing a list of supplementary identifications for your Mexican collections of last year. Still remaining are the Coniferae and Salicaceae which Mr. Rehder is supposed to do. These I have hope of obtaining soon

In your letter of Jan. 24th you list four cases of incorrect numbering which you detected in my list of identifications. These are my mistakes and, after checking back on the specimens, I agree with the corrections you suggest. The Ipomoea on pg. 7 of the list should read 1599 (not 1559).

Your collection is now mounted and in checking over it today I was once again impressed with what a useful and very nice collection it is. It will certainly be of great help to me.

With kindest or regards,

Yours sincerely,



Gray Herbarium
Cambridge, Mass.

Plants of Nuevo Leon, Coahuila, Chihuahua and Sonora collected in 1939
 by Stephen S. White. Determined at the Gray Herbarium Dec. 1939
 by I. M. Johnston (All material deposited in the Gray Herb.)

COMPOSITAE

- 1870 *Lygodesmia aphylla* DC. var. *texana* T.&G. (Cichorioids)
 2529 *Stephanomeria Thurberi* Gray
 1385 *Sonchus oleraceus* L.
 2734 *Hieracium Fendleri* Sch.Bip.
 2711 *Cirsium arizonicum* (Gray) Petrak (Thistles)
 2573 " "
 1710 *Cirsium excelsius* (Robins.) Petrak
 1927 " "
 1709 *Gnaphalium americana* Nutt.
 1876 " "
 2750 *Senecio filifolius* Nutt. (Senecioids)
 1477 *Senecio montereyana* Wats.
 2741 *Cacalia decomposita* Gray (Anthemidioid)
 2703 *Artemisia ludoviciana* Nutt.
 2395 *Achillea lanulosa* Nutt.
 1396 *Felipia alba* (L.) Hassk. (Helianthoids)
 2663 *Zexmenia* sp.
 2781 *Zexmenia ceanothifolia* (Willd.) Sch.Bip.
 2630 *Zexmenia podoccephala* Gray
 2600 " "
 2220 *Zexmenia brevifolia* Gray
 1796 *Zexmenia hispida* Gray
 2062 *Viguiera brevifolia* Greenm.
 1675 *Viguiera stenoloba* Blake
 1869 " "
 1693 *Verbesina encelioides* Benth.
 1991 " "
 2221 " "
 2713 *Verbesina longifolia* Gray
 1467 *Verbesina coahuilensis* Gray
 2338 *Verbesina stricta* Gray
 2683 *Guardiola platyphylla* Gray
 2558 *Zinnia grandiflora* Nutt.
 2629 *Zinnia multiflora* L.
 2504 *Sanvitalia Aberti* Gray
 1728 *Sanvitalia Ocymoides* DC.
 2628 *Tragoceros zinnioides* HBK.
 1708 *Helianthus annuus* L.
 2232 " "
 2272 *Helianthus ciliaris* DC.
 1707 *Ratibida columnaris* (Sims) Don
 1739 *Parthenium hysterophorus* L.
 1411 " "
 1590 " "
 1833 " "
 2206 *Parthenium incanum* HBK.
 1520 *Calyptocarpus vialis* Less.
 1766 " "
 1583 *Tetragonotheca texana* Engelm. & Gray
 1504 " "
 1624 *Wyethia mexicana* Wats.
 1589 *Sclerocarpus uniseriatis* Benth. & Hook.
 1814 *Engelmannia pinnatifida* T.&G.
 2788 *Melampodium hispidum* HBK.
 2642 " "
 2412 *Melampodium leucanthum* T.&G.
 2784 *Melampodium appendiculatum* Robins.

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	comps. cont.	White	z
1872	<i>Berlandiera lyrata</i> Benth.		
2125	"		
1741	<i>Tridax ax procumbens</i> L.		
1444	<i>Tridax procumbens</i> L.		
1505	"		
2700	<i>Ambrosia psilostachya</i> DC.		
2771	<i>Parthenice mollis</i> Gray		
2702	<i>Heterospermum pinnatum</i> Cav.		
2701	<i>Cosmos parviflorus</i> (Jacq.) HBK.		
2339	<i>Cosmos crithmifolius</i> HBK.		
2383	<i>Dahlia</i> sp.		
2522	<i>Bidens leptoccephala</i> Sherff.		
2641	<i>Bidens pilosa</i> L. var.		(Mutisoid)
2776	<i>Perezia Thurberi</i> Gray		(Helenioids)
2505	<i>Hymenothrix Wislizeni</i> Gray		
2792	"		
1402	<i>Helenium microcephalum</i> DC.		
1815	"		
2080	<i>Helenium Thurberi</i> Gray ?		
1412	<i>Helenium heterophyllum</i> DC.		
1446	"		
1449	"		
1445	<i>Helenium amphibolum</i> Gray		
1727	"		
1530	"		
2177	<i>Florestina tripteris</i> DC.		
2204	"		
1659	<i>Bahia absinthifolia</i> Benth.		
2500	<i>Galinsoga parviflora</i> Cav.		
2020	<i>Flaveria intermedia</i> J.R. Johnston		
1895	<i>Psilostrophe gnaphalodes</i> DC.		
1776	"		
1383	"		
1676	"		
2117	<i>Psilostrophe tagetina</i> (Nutt.) Greene		
2051	<i>Baileya Thurberi</i> Rydb.		
2209	"		
2165	"		
2099	"		
2432	" ?		
1582	<i>Actinea linearifolia</i> (Hook.) Kuntze		
2050	<i>Actinea odorata</i> (DC.) Kuntze		
2166	<i>Gaillardia pinnatifida</i> Torr.		
2257	"		
2524	<i>Gaillardia linearis</i> Rydb.		
1634	<i>Gaillardia mexicana</i> Gray var.		
1630	<i>Dyssodia Berlandieri</i> (DC.) Blake		(Dyssoids)
1897	<i>Dyssodia Thurberi</i> (Gray) Robins. vel aff.		
2179	<i>Dyssodia polychaeta</i> (Gray) Robins.		
2666	<i>Porophyllum macrocephalum</i> DC.		
1740	<i>Porophyllum scoparium</i> Gray		
2019	<i>Nicolletia Edwardsii</i> Gray		
2178	"		
2747	<i>Tagetes micrantha</i> Cav.		
2644	<i>Pectis prostrata</i> Cav.		
2146	"		
2694	<i>Pectis filipes</i> Harv. & Gray		
1689	<i>Pectis angustifolia</i> Torr. var. <i>subaristata</i> Gray		
2094	"		
2224	"		(Gnaphalioids)
2098	<i>Gnaphalium chilense</i> Spreng.		(Asterioids)
2378	<i>Xanthocephalum gymnospermoides</i> (Gray) B. & H.		

COMPS.- cont.

- 1677 *Sellos glutinosa* Spreng.. (Asteroids) cont.)
 1640 " "
 1471 *Chrysopsis villosa* Nutt. var.
 2289 *Heterotheca subaxillaris* (Lam.) Britt. & Rusby
 2277 " "
 1581 *Heterotheca chrysopsidis* DC.
 1700 *Aplopappus spinulosus* (Pursh) DC.
 1823 " "
 2131 " "
 2180 " "
 2210 " "
 1907 *Aplopappus pluriflorus* (T.&G) Hall
 2506 *Aplopappus gracilis* Gray
 2699 " "
 2264 *Aster exilis* Ell.
 2249 *Aster spinosus* Benth.
 2559 *Aster Leucelene* Blake var.
 2255 *Aster tanacetifolius* HBK.
 2514 *Aster tagetina* (Greene) Blake
 2107 *Aphanostephus* sp.
 1527 *Astranthium integrifolium* (Michx.) Nutt.
 2665 *Erigeron* sp.
 1684 *Erigeron* sp.
 2368 *Erigeron* sp.
 2464 *Erigeron* sp.
 1847 *Conyza Coulteri* Gray
 2185 " "
 2601 *Baccharis glutinosa* Pers.
 2246 " "
 2081 " "
 2208 *Baccharis neglecta* Britt.
 2541 ~~2741~~ *Kuhnia oreithales* Robins. (Eupatorioids)
 1626 *Stemis Berlandieri* Gray
 2184 *Eupatorium Greggii* Gray
 1809 " "
 1922 *Eupatorium coelestinum* L.
 1732 " "
 2631 " "
 1628 *Vernonia Eryendbergii* Gray (Vernonioids)
 1551 " "
 LOBELIACEAE (All G.H. Material off on loan)
 1480 *Lobelia*
 2390 *Lobelia*
 CUCURBITACEAE
 2155 *Apodanthera undulata* Gray
 2039 *Ibervillea Lindheimeri* (Gray) Greene var. *tenuisecta* (Gray)
 2237 " "
 1694 *Cucurbita foetidissima* HBK.
 2754 *Cyclanthera dissecta* (T.&G) Arn.
 RUBIACEAE
 1901 *Randia Pringlei* Gray
 1544 *Randia laetevirens* Standley
 1464 *Randia Watsoni* Robins.
 2709 *Galium mexicanum* HBK.
 2336 " "
 1509 *Chiococca pschyphylla* Wernh.
 1856 *Houstonia acerosa* Gray
 2356 *Houstonia Wrightii* Gray
 1793 *Houstonia angustifolia* Michx. var.
 2618 *Crusea hispida* (Mill.) Robins.
 1562 *Spermacoe tenuior* L.

Rub.-cont.

- 2387 *Bouvardia glaberrima* Engelm.
 2716 " "
 2653 " "
 1674 *Bouvardia ternifolia* (Cav.) Schlecht.
 1825 " "
 1616 *Bouvardia* sp.? No flowers nor fruit.
 1460 *Bouvardia* sp.? No fl. nor. fr.
 CAPRIFOLIACEAE
 1523 *Sambucus*
 FLANTAGINACEAE
 2260 *Plantago major* L.
 2396 *Plantago mexicana* Link
 ACANTHACEAE
 1610 *Tetramerium hispidum* Nees
 1428 " "
 2773 " "
 2649 *Elytraria imbricata* (Vahl) Pers.
 2772 " "
 1579 *Ruellia Farryi* Gray
 1711 *Ruellia nudiflora* (Engelm. & Gray) Urban
 2123 " " var. *occidentalis* (Gray) Leon.
 1459 *Ruellia*
 1871 *Anisacanthus insignis* Gray
 2159 " "
 1451 *Siphanoglossa ramosa* Oerst.
 2128 *Siphanoglossa pilosella* Torr.
 2203 " "
 Martyniaceae
 2153 *Proboscidea fragrans* (Lindl.) Deene.
 2021 *Proboscidea* sp.
 BIGNONIACEAE
 1838 *Chilopsis linearis* (Cav.) Sweet
 2617 " "
 2121 *Tecoma incisum* (Rose & Standl.)
 1824 " "
 2033 " "
 2779 " "
 2061 " "
 SCROPHULARACEAE
 2704 *Gerardia Wrightii* Gray
 2715 *Lamourouxia viscosa* HBK.
 1882 *Bacopa Monnieria* (L.) Wettst.
 1721 " "
 1737 " "
 2087 *Mimulus glabratus* HBK.
 2192 *Maurandya antirrhiniflora* H. & B.
 1757 " "
 1673 *Castilleja lanata* Gray
 1868 " "
 2348 *Castilleja stenophylla* Jones
 2645 *Pentstemon*
 2349 *Pentstemon pulchellus* Lindl.
 1799 *Leucophyllum zygophyllum* sp. nov.
 1755 *Leucophyllum frutescens* (Berland.) Johnston
 SOLANACEAE
 2176 *Physalis lobata* Torr.
 2041 " "
 2274 *Physalis*
 2576 *Physalis*
 2353 *Physalis*
 1606 *Capsicum baccatum* L.
 1514 *Bassovia mexicana* Robins.

2693 *Conoclea intermedia* Gray2106 *Bacopa procumbens* (Mill.) Greene

Solanac.-cont.

- 1789 *Solanum triquetrum* Cav.
 2636 *Solanum nigrum* L. aff.
 1397 " "
 1557 " "
 1494 *Solanum verbascifolium* L.
 2526 *Solanum elaeagnifolium* Cav.
 1712 " "
 1840 " "
 2574 " "
 2151 " "
 1663 " "
 2052 " "
 2380 *Solanum Fendleri* Gray
 2501 *Solanum* sp.
 2341 *Solanum* sp.
 2225 *Solanum citrullifolium* A.Br. var. *setigerum* Bartlett
 1985 *Solanum heterodoxa* var. *novomexicanum* Bartlett
 1375 *Solanum rostratum* Dunal
 1983 *Nicotiana trigonophylla* Dunal
 2122 " "
 1393 " "
 1403 *Nicotiana glauca* Graham
~~1403~~ *Petunia parviflora* Juss.
 1738 " "
 1373 " "
 2104 " "
 2243 " "
 2238 *Datura meteloides* DC.
 2234 *Lycium Berlandieri* Dunal
 2171 *Chamaesaracha villosa* Rydb.?
 1984 " " ?
 1658 *Chamaesaracha crenata* Rydb.
- LABATAE
- 2361 *Salvia subincisa* Benth.
 2768 " "
 2717 *Salvia pinguifolia* Woot. & Standl.
 1574 *Salvia coccinea* L.
 1513 *Salvia mexicana* L.
Salvia iodantha Fernald No. 2633
 1679 *Salvia coahuilensis* Fernald
 1782 *Mentha rotundifolia* L.
 1785 *Marrubium vulgare* L.
 2340 *Monarda austromontana* Epling
 2751 " "
 1866 *Poliomentha glabrescens* Gray
 1423 *Hedeoma Drummondii* Benth.
 1563 " "
 1618 " "
 2684 *Hedeoma oblongifolium* Heller
 2048 *Tetralcea Coulteri* Gray
 2188 " "
 1424 *Teucrium cubense* L. typical form
 1552 " " "
 1394 " " "
 1831 " " Var.
 2285 *Teucrium* sp.
 2604 *Stachys coccinea* Jacq.
 1478 *Scutellaria suffrutescens* Wats.
 1516 *Scutellaria Seleriana* Loes.
 1546 " "
 2778 *Hyptis albida* Kunth
 2780 *Hyptis Seemanni* Gray var. *stenophylla* Robins.
- ~~2391~~

Labiates

2381 *Brittonastrum ionocalyx* Robins.

2722

1781 *Phystostegia* sp.

VERBENACEAE

2095 *Lippia nodiflora* (L.) Michx.

2247

1372

1714

1587 *Lippia reptans* HBK.

1409

1905 *Lippia Wrightii* Gray

2197

1686

2162 *Lippia lycioides* Steud.

1819

2311

2056

1667

2063 *Lippia Berlandieri* Schauer

2120

2072

1537 *Lantana Camara* L.1664 *Lantana macropoda* Torr.

2132

1569 *Lantana schyranthifolia* Desf.1496 *Lippia* sp.

1497

1577 *Verbena Halei* Small

1542

1678 *Verbena neo-mexicana* (Gray) Small

2787

1407 *Verbena canescens* HBK.

1571

2168

2202

2042 *Verbena cilista* Benth.2543 *Verbena bipinnatifida* Nutt. var. *latilobata* Perry

2393

2635 *Priva mexicana* (L.) Pers.2634 *Bouchea prismatica* (Jacq.) Kuntze var. *brevirostris* Grenz.

BORAGINACEAE

2126 *Heliotropium Greggii* Torr.

2303

1406 *Heliotropium procumbens* Miller1374 *Heliotropium curassavicum* L.1481 *Omphalodes acuminata* Wats.1404 *Cordia Boissieri* DC.1419 *Ehretia anacuna* (Berland.) Johnston

1602

2218 *Coldenia hispidissima* (Torr.) Gray1898 *Coldenia Greggii* (T. & G.) Gray

2066

1692 *Coldenia mexicana* Wats.1657 *Coldenia canescens* DC.

2217

2300

2391 *Lithospermum cobrense* Greene

2575

HYDROPHYLLACEAE

2003 *Nama stenophyllum* Gray2093 *Nama undulatum* HBK.

2097

HYDROPH.-cont.

1515 Nama biflorum Choisy

1410 Nama sp

POLEMONIACEAE

2343 Phlox mesoleuca Greene

1572 Gilia incisa Benth.

1573 " "

1554 " "

2739 Gilia Pringlei Gray

2520 " "

1660 Gilia rigidula Benth.

2196 " "

CONVOLVULACEAE

1821 Convolvulus incanus Vahl

2528 " "

1758 " "

1611 Cuscuta

1855 Cuscuta

1680 Cuscuta

2730 Cuscuta

2670 Quamoclit coccinea (L.) Moench var heterifolia (L.) House

2535 " "

2536 Quamoclit coccinea

1790 Operculina dissecta (Jacq.) House

2578 Ipomoea anglica House

2598 " "

2552 " "

2691 " "

2692 " "

2534 Ipomoea costellata Torr.

2671 " "

2384 Ipomoea Lindheimeri Gray

2385 Ipomoea leptosiphon/Wats./ leptosiphon Wats.

2271 Ipomoea trifida (HBK.) Don var. Torreyana Gray

2606 Ipomoea hastulata/Jacq./ hirsutula Jacq.

2669 " "

2550 " "

1599 ~~208~~ 1559 1579 " "

2403 " "

2358 Ipomoea muricata Cav. forma "(I. patens House)

2134 Dichondra argentea Willd.

2359 Evolvulus rotundifolius (Wats.) Hall.f.

2130 Evolvulus sericeus Sw.

2531 Evolvulus arizonicus Gray

2656 " "

2657 " "

ASCLEPIADACEAE

2327 Funastrum lineare (Dcne.) Macbr.

2281 " var. heterophyllum (Engelm.) Macbr.

2133 Asclepias longicornu Benth.

2766 Asclepias Linaria L.

2654 Asclepias glaucescens HBK.

2603 " "

2590 Asclepias galioides HBK.

2231 " "

1810 Asclepias brachystephana Engelm.

2049 " "

1665 " "

APOCYNACEAE

2113 Macrosiphonia Macrosiphon (Torr.) Heller

2752 M andevillea foliosa (Mull.Arg.) Hemsl.

GENTIANACEAE

- 2248 *Eustoma exaltatum* (L.) Griseb.
1723 " "

LOGANIACEAE

- 2077 *Buddleia scordioides* H.&B.
1812 " "
2212 " "
1906 *Buddleia marrubifolia* Benth.
2058 " "

OLEACEAE

- 2141 *Menodora scabra* (Engelm.) Gray
2308 " "
2186 " "
2222 " "
1653 *Menodora helianthemoides* H.&B. var. *Engelmannii* Steyerl.

EBENACEAE

- 1736 *Diospyros texana* Scheele

PRIMULACEAE

- 1748 *Samolus ebracteatus* HBK.
1879 " "
1550 *Samolus floribundus* HBK.
1881 " "
1499 " "
2090 *Anagallis arvensis* L.

PLUMBAGINACEAE

- 1561 *Plumbago scandens* L.

ERICACEAE

- 2744 *Arctostaphylos pungens* HBK.
2562 " "
2342 " "
2398 " "
1859 *Arbutus californica* HBK. var.
2714 " "

GARRYACEAE

- 1484 *Garrya ovata* Benth.

UMBELLIFERAE

- 2263 *Hydrocotyle verticillata* Thunb.
1422 " "
1526 *Sanicula mexicana* DC.
1762 *Berula erecta* (Huds.) Coville
2661 *Prinosciadium watsoni* C.&R.

ARALIACEAE

- 2728 *Aralia humilis* Cav.
2760 " "
2777 " "

ONAGRACEAE

- 2533 *Zauschneria* sp.
2400 *Oenothera laciniata* Hill. var.
2577 *Oenothera caespitosa* Nutt. var.
2086 *Jussiaea repens* L.
2275 " "
1502 *Jussiaea suffruticosa* L.
1395 " "
2228 *Gaura parviflora* Dougl. var. *lachnocarpa* Weatherby
2399 *Gaura gracilis* Woot. & Standl.
2229 *Gaura coccinea* Nutt.
2572 " "
1635 *Gaura sinuata* Nutt. var. (note brittle stems)

LYTHRACEAE

- 1437 *Heimia salicifolia* (HBK.) Link
1528 " "
2674 *Cuphea Wrightii* Gray
1725a *Lythrum* sp.
1725 *Lythrum* sp.

CACTACEAE White 9

2032 *Opuntia*

BEGONIACEAE det. by Schubert

2720 *Begonia Martiana* Link & Otto

PASSIFLORA

2638 *Passiflora bryonioides* HBK.

LOASACEAE

1380 *Cevallia sinuata* Lag.

1729 " "

1420 " "

2193 " "

2170 " "

1807 " "

2675 *Mentzelia asperula* Woot. & Standl/

2718 *Mentzelia hispida* Willd.

2201 *Mentzelia multiflora* (Nutt.) Gray

2518 " "

COCHLOSPERMACEAE

2302 *Amoreuxia malvaefolia* Gray

2668 *Amoreuxia palmatifida* M. & S.

STERCULIACEAE

1726 *Melochia pyramidata* L.

MALVACEAE

2498 *Anoda*

2627 *Anoda*

2394 *Sidalcea neomexicana* Gray

1613 *Malvastrum coromandelianum* (L.) Garcke

2753 *Ingenhousia triloba* DC.

2164 *Sida hastata* St. Hil.

2563 *Sida neo-mexicana* Gray

2566 " "

2613 *Sida lepidota* Gray

2046 " "

2175 *Sida procumbens* Sw.

1532 " "

1774 " "

1386 " "

2172 " "

1389 *Abutilon hypoleucum* Gray

2174 *Abutilon crispum* (L.) DC.

1384 " "

1742 " "

2213 *Abutilon Wrightii* Gray

2187 *Hibiscus denudatus* Benth. var. *involucellatus* Gray

2427 " "

2230 *Sphaeralcea angustifolia* (Cav.) Don.

2510 *Sphaeralcea Fendleri* Gray

2658 " "

2571 *Sphaeralcea* sp. cf. *S. hastatula* Gray

2239 " " "

2045 " " "

TILIACEAE

1482 *Tilia* sp.

VITACEAE

2736 *Vitis arizonica* Engelm.

2406 " "

2565 " "

1486 *Vitis* sp.

1614 " "

RHAMNACEAE

1651 *Karwinskia Humboldtiana* (R. & S.) Zucc.

1754 " "

1893 " "

RHAMNAC.-cont. Whitelo
 2708 ~~Rhamnus~~ *Rhamnus betulaefolia* Greene
 1485 *Rhamnus serrata* Willd.
 2413 *Microrhamnus ericoides* Gray
 1804 " "
 1884 *Condalia viridis* Johnston
 1753 " "
 1912 *Condalia lycioides* Gray
 1837 " "
 2199 *Condalia spathulata* Gray
 1503 *Colubrina Greggii* Wats.
 1472 " "
 1549 " "

KORBERLINIACEAE

2070 *Koeberlinia spinosa* Zucc.
 1891 " "

STAPHYLEACEAE

1488 *Staphylea Pringlei* Wats.

ACERACEAE

1638 *Acer Necundo* L.

SAPINDACEAE

1647 *Dodonaea viscosa* Jacq.
 1605 *Sapindus saponaria* L.
 1491 *Ungnadia speciosa* Endl.
 1604 " "

ANACARDIACEAE

1860 *Pistacia mexicana* HBK. var.
 2236 *Rhus microphylla* Engelm.
 1756 " "
 2078 " "
 1806 " "
 2055 " "
 2547 *Rhus trilobata* Nutt.
 2763 *Rhus radicans* L.
 1543 " "
 2551 " "
 2759 *Rhus chloriophylla* Woot. & Standl.
 2660 " "

EUPHORBIACEAE

1734 *Tragia* n. sp.
 1535 " "
 2060 *Halleiophytum fasciculatum* (Wats.) Johnston
 2426 *Bernardia obovata* n. sp.
 1405 *Ricinus communis* L.
 2758 *M. anihot angustiloba* (Torr.) Mull.Arg.
 2142 *Jatropha arizonica* Johnston
 2073 " "
 2015 *Jatropha spathulata* (Ort.) Mull.Arg.
 2157 " "
 2695 *Cnidoscolus angustidens* Torr.
 1432 *Croton ciliato-glandulosus* Ort.
 1553 *Croton*
 1802 *Croton*
 1852 *Croton*
 2502 *Croton*
 2219 *Croton*
 2310 *Croton*
 1662 *Croton*
 1896 *Croton*
 2057 *Euphorbia antisyphilitica* Zucc.
 1903 " "
 2158 " "
 1697 " "
 1792 " "

EUPHORB.-cont.

White 11

- 1547 Euphorbia
 2679 Euphorbia
 1832 Euphorbia
 2286 Euphorbia
 2685 Euphorbia
 2681 Euphorbia
 2136 Euphorbia
 2775 Euphorbia
 2626 Euphorbia
 2583 Euphorbia
 2499 Euphorbia
 2512 Euphorbia
 2375 Euphorbia
 2648 Euphorbia colorata Engelm.
 2680 Acalypha neo-mexicana Mull.Arg.
 2655 Acalypha phleoides Cav.
 2497 " "
 2546 " "
 1696 Acalypha hederacea Torr.
 1826 " "
 1559 Acalypha phleoides Cav.
 1844 " "

POLYGALACEAE

- 2127 Polygala obscura Benth. var.
 2595 Polygala obscura Benth
 2570 Polygala hemipterocarpa Gray
 1654 Polygala macrodenia Gray
 2724 Monnina Wrightii Gray

MALPIGHIACEAE

- 2115 Mascagnia serices (Engelm.) Niedenz.
 2291 Janusia gracilis Gray No label received
 1408 Mascagnia macroptera (Moc.&Sess.) Niedenz.

MELIACEAE

- 1565 Melia azedarack L.

RUTACEAE

- 1779 Zanthoxylum Fagara (L.) Sarg.
 1469 Ptelia trifoliata L. var.
 1463 Decastropis bicolor (Zucc.) Radlk.
 1603 " "

ZYGOPHYLLACEAE

- 2200 Larrea divaricata Cav.
 2068 " "
 2301 " "
 1894 " "
 2138 " "
 2410 " "
 1398 " "
 1681 " "
 1900 Porlieria angustifolia (Engelm.) Gray
 1735 " "
 2119 Tribulus terrestris L.
 2290 " "
 2215 Kallstroemis
 2144 " "
 2143 " "
 2023 " "
 2527 " "

LINACEAE

- 2360 Linum ruprestre Engelm.
 1524 Linum cruciata Planch.

OXALIDACEAE

- 2377 Oxalis albicans HBK.
 2544 " "
 2337 Oxalis Grayi (Rose) Kunth

GERANIACEAE

Whitel2

- 2357 *Geranium gracile* Engelm.
 2389 *Geranium Wislizenii* Wats.
 2719 "

LEGUMINOSAE

- 2376 *Trifolium gonicarpum* Lojaccono (Papilionates)
 1541 *Medicago lupulina* L.
 1627 *Galactia striata* (Jacq.) Urban
 2599 *Cologania longifolia* Gray
 2651 *Benthamantha Wrightii* Rydb.
 2602 "
 1585 *Indigofera brevipes* (Wats.) Rydb.
 1760 "
 2350 *Lotus oroboides* (HBK.) Ottley
 2586 *Lotus chihuahuanus* (Wats.) Greene
 1476 *Eysenhardtia texana* Scheele
 2625 *Diphysa Thurberi* (Gray) Rydb.
 2650 *Eriosema* n. sp.
 2706 *Tephrosia Thurberi* Gray
 2542 *Phaseolus heterophyllus* H.&B.
 2707 *Phaseolus ritensis* Jones
 1853 *Cercis canadensis* L.
 1538 "
 1473 *Bauhinia lunarioides* Gray
 2735 *Crotolaria sagittalis* L.
 2619 *Crotolaria pumila* Prtega
 1492 *Sophora secundiflora* (Ort.) Lag.
 2580 *Dalea Ordeae* Gray ? too young
 2521 *Dalea Lumholtzii* Rob. & Fern.
 2579 *Dalea Grayi* (Vail)
 2705 *Dalea leporina* Aiton ex Hemsl.
 2687 *Dalea diffusa* Moric.
 2124 *Dalea pogonantha* (Gray) Vail
 2306 "
 2725 *Dalea filiformis* Gray var.
 2169 *Cassia Wislizenii* Gray (Caesalpinoids)
 2294 " "
 2054 " "
 2160 " "
 2462 *Cassia leptadenia* Greenm.
 2620 " "
 2540 " "
 2738 *Cassia Wrightii* Gray
 2789 *Cassia leptocarpa* Benth.
 2567 "
 2307 *Cassia bauhinoides* Gray
 2568 " "
 1381 " "
 1690 *Hoffmanneggia densiflora* Benth.
 2611 " "
 2254 " "
 1669 *Prosopis glandulosa* Torr. (Mimosoids)
 1668 " "
 1745 " "
 1399 " "
 1822 " "
 1878 " "
 1670 *Mimosa zygophylla* Benth.
 2156 *Mimosa monancistra* Benth. var.
 2293 " "
 2075 *Mimosa biuncifera* Benth.
 1687 *Mimosa Lindheimeri* Gray
 1830 " /#/"
 1607 *Mimosa malacophylla* Gray

LEGUM .-cont

- 2076 *Acacia constricta* Benth.
 1829 " "
 2198 *Acacia vernicosa* Standl.
 2295 " "
 2069 " "
 1418 *Acacia sementacea* DC.
 2425 *Acacia cuspidata* Schl.
 2292 " "
 1417 *Acacia Farnesiana* (L.) Willd.
 1887 " "
 1706 " "
 2140 *Acacia biaciculata* Wats.
 2207 *Acacia Greggii* Gray
 1719 *Acacia Wrightii* Benth.
 2161 *Acacia Berlandieri* Benth.
 1854 " "
 2555 *Acacia angustissima* (Mill.) Kuntze
 2584 " "
 2624 *Acacia* sp.
 2767 *Acacia cymbispina* Sprag. & Riley
 2783 *Lyciloma* sp.? (cf. *L. Watsoni* Rose)

KRAMERIA CEAE

- 1803 *Krameria Grayi* Rose & Painter
 2428 " "
 2067 " "
 2241 " "
 2786 *Krameria* sp. aff. *K. Palmeri* Rose

ROSA CEAE

- 2594 *Fellugia paradoxa* (Don) Endl.
 2548 " "
 2423 *Vauquelinia angustifolia* Rydb.
 2509 *Prunus virens* (W. & S.) Standley
 2790 " "
 2405 " "

PLANTANA CEAE

- 1448 *Platanus mexicana* Moric.
 2756 *Platanus Wrightii* Wats.
 2503 " "
 2591 " "
 1703 *Platanus glabrata* Fernald
 1733 " "

SAXIFRAGA CEAE

- 1470 *Philadelphus Coulteri* Wats.
 1483 *Fendlera linearis* Rehder
 2712 *Heuchera sanguinea* Engelm.

GRASCU LA CEAE

- 1466 *Sedum*

CRUCIFERAE det. by R.C. Rollins

- 2088 *Nasturtium nasturtium-aquaticum* (L.) R.Br.
 1521 *Cardamine auriculata* Wats.
 1846 *Lepidium lasiocarpum* Nutt.
 2371 *Lepidium virginicum* L. var.
 1641 *Lepidium virginicum* L. var. *pubescens* (Greene) C.L. Hitchc.
 2182 *Nerisyrenia camporum* (Gray) Greene
 1382 " "
 1688 " "
 2690 *Sisymbrium linearifolium* (Gray) Payson
 2525 " "

PAPAVARACEAE

- 2496 Argemone
- 1845 Argemone
- 1695 Argemone
- 1506 Argemone
- 1642 Argemone mexicana L.

MENTHACEAE

- 1788 Coccus diversifolius DC. X4/
- 1493 " "

RANUNCULACEAE

- 2431 Clematis Drummondii T.&G.
- 1885 " "
- 1820 " "
- 2765 " "
- 2270 " "
- 2227 " "
- 1672 " "
- 1570 " "
- 1713 " "
- 2593 " "
- 2355 Thalictrum pinnatum Wats.
- 2259 Ranunculus Cymbalaria Pursh

NYMPHIAEAE

- 1720 Nymphaea ampla (Salisb.) DC.

CARYOPHYLLACEAE

- 2365 Arenaria lanuginosa Rohrb.
- 1517 Stellaria ovata Willd.
- 2733 Drymaria tenella Gray
- 2557 " "
- 2755 Silene Thurberi Wats.

AIZOACEAE

- 1379 Glinus Cambessidesii Fenzl

PHYTOLACCACEAE

- 1511 Phytolacca decandra L.
- 1775 Rivina humilis L.
- 1558 " "
- 2211 " "

PORTULACACEAE

- 2769 Talinum paniculatum (Jacq.) Gaertn.
- 2440 Talinum Whitei n.sp.
- 2214 Talinum n. sp.

NYCTAGINACEAE

- 1666 Allionia incarnata L.
- 1992 " " No label received
- 1890 " "
- 2191 " "
- 2537 Mirabilis linearis (Pursh) Hiemerl.
- 2710 Mirabilis corymbosa Cav.
- 2585 Mirabilis Wrightii Gray
- 2404 " "
- 2319 Boerhaavia caribaea Jacq.
- 2530 " "
- 2273 " "
- 2646 " "
- 2114 Boerhaavia anisophylla Torr.
- 1683 " "
- 2323 Boerhaavia spicata Choisy
- 2322 Boerhaavia erecta L.
- 2205 " "
- 2507 " "
- 2676 " "
- 2296 Boerhaavia intermedia Jones
- 2320 " "

CHENOPODIACEAE White 15
2071 *Atriplex canescens* (Pursh) Nutt.
2183 " "

2513 *Chenopodium*

AMARANTHACEAE

2785 *Gomphrena sonora* Torr.
2774 " "

2397 *Gomphrena decumbens* Jacq.

2083 *Gomphrena nitida* Toth.

2465 " "

2508 " "

2667 " "

1377 *Alternanthera repens* (L.) Kuntze

2519 *Amaranthus Palmeri* Wats.

2096 " "

2288 " "

2731 " "

1592 *Amaranthus hybridus* L.

1999 *Amaranthus blitoides* Wats.

POLYGONACEAE

2587 *Eriogonum Wrightii* Torr.

2367 *Eriogonum strorubens* Engelm.

2664 *Eriogonum Abertianum* Torr.

2515 " "

2516 *Eriogonum polycladon* Benth.

1376 *Rumex violascens* Reehinger

2749 *Rumex crispus* L.

1769 *Polygonum persicarioides* HBK.

2245 *Polygonum punctatum* Ell.

2269 *Polygonum coccineum* Muhlenb. f. *terrestre* (Willd) Stanford

ARISTOLOCHIACEAE

2469 *Aristolochia* n. sp.

LORANTHACEAE

2553 ^{*Choradenron*} *macrophyllum* Cockerell

URTICACEAE

1637 *Ulmus divaricata* C.H. Muell.

1429 *Celtis mississippiensis* Bosc.

2074 *Celtis reticulata* Torr.

2588 " "

2194 " "

1705 " "

1880 *Celtis pallida* Torr.

1752 " "

1778 *Morus*

1704 *Ficus carica* L.

1489 *Parietaria debilis* Forst.

1567 " "

1490 *Urtica chamaedryoides* Pursh

JUGLANDACEAE

2284 *Juglans major* (Torr.) Heller

2616 " "

1629 *Carya myristicaeformis* (Michx.) Nutt.

UNRECOGNIZED ~~Dicotyl~~ trees

1633 sterile

1702 sterile perhaps *Carya* — *Juglans* f. *White*
Carya " "

(FAGACEAE

SALICACEAE

These two families to be reported later

- IRIDACEAE White 16
 2392 scabrum C.&S. ? Sisyrinchium
 2382 Sisyrinchium sp.
- AMARYLLIDACEAE
 2363 Hypoxis mexicana Schultes
 2064 Agave
 1643 Agave
 2190 Agave
- LILIACEAE
 1970 Dasylirion
 1621 Dasylirion
 2386 Nolina microcarpa Wats.?
 2652 Mills biflora Cav.
 2457 " "
 2569 " "
 2352 Allium scaposum Kunth
 2740 Anthericum Torreyi Baker
 2554 " "
- JUNACEAE
 2268 Juncus trinervis Liebm
 2089 " "
 2278 Juncus balticus Willd.
- ARACEAE
 1512 not recognized
- BROMELIACEAE det. by L.B.Smith
 1560 Tillandsia usneoides L.
 2764 Tillandsia recurvata L.
- Commelinaceae
 2726 Tradescantia pinetorum Greene
 2362 " "
 2416 Tradescantia crassifolia Cav. var. glabrata Clarke
 2129 Commelina crispa Woot.
 2662 " "
 2195 " "
 2312 " "
 2485 Commelina scabra Benth.
 2594 Commelina dianthifolia Dc.
- CYPERACEAE (more detailed report later)
 2640 Cyperus
 1378 Cyperus
 2103 Cyperus
 2226 Cyperus
 2639 Cyperus
 2607 Cyperus esculentus L.
 2267 Cyperus
 2332 Cyperus seslerioides HBK.
 1390 Cyperus
 1498 Cyperus
 1763 Eleocharis caribaea (Rottb.) Blake
 1749 " "
 1722 " "
 1770 Eleocharis interstincta (Vahl) R.&S.
 2261 Eleocharis arenicola Torr.
 2102 Eleocharis
 2079 Eleocharis
 2729 Carex leucodonta Holm
 2262 Scirpus acutus Muhl.
 2331 Stenophyllus capillaris (L.) Britt.
 2745 " "
- 1921 Unrecognized; extremely interesting This seems to be a Cyperus or near it. It has stumped 2 of the GH. sedge sharks and evidently needs careful study.

GRAMINEAE

none received

Alismaceae

2276 *Sagittaria*

NAJADACEAE

1758 *Najas guadalupensis* (Spreng) Morong

2279 "

2242 *Potamogeton-Heteranthera dubia* (Jacq) MacM = *Zosterella longituba* Alex.

TYPHACEAE

2283 *Typha truxillensis* HBK.

PINACEAE

Will report later

GNETACEAE

2233 *Ephedra trifurca* Torr.

1800 *Ephedra aspera* Engelm.

MISCL. cellular cryptogams'

1750 *Chara* ?

1877 *Chara* ?

1764 *Riccia* ?

Ferns det. by C. A. Weatherby

2244 *Mersilia*

This list = 905 numbers
Not listed
 Coniferae
 Salicaceae
 Quercus

Mexican plants collected by White in 1939
 First supplementary report- March 1940

Please return
 Schubert

Desmodium - det by Dr. B.G. Schubert

- 2632 *D. cinerascens* Gray
 2757 *D. purpureum* (Miller) Faw. & Rendl.
 2623 "
 2539 *D. Rosei* Schubert (*D. neo-mexicanum* auct. pl. non Gray)
 2374 *D. Grahamii* Gray
 969 *D. batocaulon* Gray
 2622 "
 2523 "
 2402 "
 2541 "
 2621 *D. ~~purp~~ neo-mexicanum* Gray

Yucca - det Mrs S. D. McKelvey

- 1861 *Yucca rostrata* Engelm.
 1119 *Yucca Schottii* Engelm.

Cyperaceae - det by H.K. Svenson

- 2103 *Cyperus esculentus* L.
 2226 "
 2607 "
 2639 "
 1378 *Cyperus odoratus* L. (*C. ferox* Rich.)
 2640 *Cyperus manimae* HBK. var. *asperrimus* (Liebm) Kükenth.
 1390 *Cyperus uniflorus* Torr. & Hook
 2267 *Cyperus niger* R. & P.
 35 *Fuirena simplex* Vahl
 67 "
 66 *Cyperus melanostachys* HBK.
 780 *Cyperus odoratus* L.
 944 *Cyperus dipsaceus* Liebm.
 1109 *Cyperus flavus* (Vahl) Nees
 709 *Carex ultra* Bailey
 1770 *Eleocharis cellulosa* Torr. (a correction)
 2261 *Eleocharis Parishii* Britton
 282 *Eleocharis nodulosa* (Roth) Schultes
 2079 *Eleocharis macrostachya* Britton, ~~Chapm.~~ Texan form.
 2102 "
 1921 *Schoenus nigricans* L. var. *pleurisquamatus* Kükenth.

Quercus - det C.H. Muller Feb. 1940

- | | | | |
|------|--|------|---|
| 33 | <i>Q. Canbyi</i> Trel. | 2330 | <i>Q. hypoleucoides</i> A. Camus |
| 501 | <i>Q. arizonica</i> Sarg. | 2333 | <i>Q. oblongifolia</i> Torr. |
| 502 | <i>Q. hypoleucoides</i> A. Camus | 2334 | <i>Q. Emoryi</i> Torr. |
| 526 | <i>Q. viminea</i> Trel. | 2335 | " |
| 566 | " | 2407 | <i>Q. grisea</i> Liebm. |
| 568 | " | 2421 | <i>Q. pungens</i> Liebm. |
| 572 | <i>Q. Toumeyi</i> Sarg. | 2511 | <i>Q. arizonica</i> Sarg. |
| 942 | <i>Q. Emoryi</i> Torr. | 2549 | <i>Q. Emoryi</i> Torr. |
| 943 | <i>Q. arizonica</i> Sarg. (atypical) | 2688 | <i>Q. oblongifolia</i> Torr. |
| 946 | <i>Q. arizonica</i> Sarg. | 2689 | <i>Q. Emoryi</i> Torr. |
| 958 | <i>Q. Toumeyi</i> Sarg. | 2727 | <i>Q. hypoleucoides</i> A. Camus |
| 1462 | <i>Q. fusiformis</i> Small | 2743 | <i>Q. viminea</i> Trel. |
| 1487 | <i>Q. monterreyensis</i> Trel. & Mull. | 2746 | <i>Q. arizonica</i> Sarg. |
| 1545 | <i>Q. Canbyi</i> Trel. | | |
| 1600 | <i>Q. polymorpha</i> C. & S. | 2742 | <i>Quercus</i> - identification not reported. |
| 1601 | <i>Q. Canbyi</i> Trel. ? (Diseased) | | |
| 1609 | <i>Q. polymorpha</i> C. & S. | | |
| 1798 | <i>Q. invaginata</i> Trel. | | |
| 1858 | " | | |

221

225 gm

• 2455	<i>Cardiospermum dissectum</i> (Wats.) Radlk.	SAP.
• 1982	<i>Koeberlinia spinosa</i> Zucc.	KOEB.
• 2030	<i>Sida lepidota</i> Gray var. <i>sagittaeifolia</i> Gray	M alvac.
• 2490	<i>Sida procumbens</i> Sw.	
• 1989	<i>Sphaeralcea angustifolia</i> (Cav.) Don, var.	
• 1959	<i>Sphaeralcea hastatula</i> Gray?	
• 1966	<i>Cevallia sinuata</i> Lag.	LOESSAC.
• 2006	<i>Petalonyx crenatus</i> Gray	
• 2470	<i>Oenothera Hartwegi</i> Benth.	ONAG.
• 1998	<i>Gaura coccinea</i> Nutt. var.	
• 1955	" "	
• 1931	<i>Apium graveolens</i> L.	UM BELL.
• 1987	<i>Buddleia scordioides</i> H.&B.	LOGAN.
• 1967	<i>Buddleia marrubifolia</i> Benth.	
• 2443	<i>M enodora scabra</i> Gray, var. <i>laevis</i> (W.&S.) Steyr.	OLEAC.
• 1928	<i>Eustoma exaltatum</i> (L.) Gris.	GENTIANAC.
• 2415	<i>M acrosiphonia M acrosiphon</i> (Torr.) Hell.	APOC.
• 1930	<i>Funastrum lineare</i> (Dene.) Macbr.	Asclep.
• 2473	<i>Ipomoea mur/ muricata</i> Cav. forma	CONVOLV.
• 2476	<i>Evolvulus</i>	
• 2013	<i>Breweria multicaulis</i> Brandg.	
• 1986	<i>Nama hispidum</i> Gray	Hydroph.
• 1933.	<i>Cordia Greggii</i> Torr.	BORAG.
• 1914	<i>Heliotropium curassavicum</i> L.	
• 1883	" "	
• 1935	<i>Coldenia canescens</i> DC.	
• 2036	<i>Coldenia Greggii</i> (T.&G.) Gray	
• 1942	" "	
• 2452	" "	
• 1963	<i>Coldenia hispidissima</i> (Torr.) Gray.	
• 2456	<i>Verbena bipinnatifida</i> Nutt. var. <i>latilobata</i> Perry	VERB.
• 2018	<i>Verbena ciliata</i> Benth.	
• 1994	<i>Verbena canescens</i> HBK.	
• 2438	<i>Lippia Wrightii</i> Gray	
• 2038	<i>Lippia lycioides</i> Steud.	
• 1938	<i>Lippia Berlandieri</i> Schauer	
• 2034	<i>Lantana macropoda</i> Torr.	
• 2436	" "	
• 1968	" "	
• 2451	<i>Tetralcea Coulteri</i> Gray	LAB.
• 1910	<i>Solanum nigrum</i> L. aff.	SOLAN.
• 2450	<i>Chamaesaracha villosa</i> Rydb.	
• 1908	<i>Datura meteloides</i> Dunal	
• 1951	<i>Leucophyllum frutescens</i> (Berl.) Johnston	SCROPH.
• 1990	<i>Chilopsis linearis</i> (Cav.) Sweet	BIGNON.
• 1944	" "	
• 1954	<i>Anisacanthus insignis</i> Gray	ACANTH.
• 1971	" "	
• 1949	<i>Holographis ilicifolia</i> Brandg.	
• 2472	<i>Diodia teres</i> Walt. var. <i>angustata</i> Gray	RUB.
• 2478	" "	
• 2437	<i>Ibervillea Lindheimeri</i> (Gray) Greene var. <i>tenuisecta</i> (Gray).	CUCUR
• 1953	<i>Cucurbita foetidissima</i> HBK.	
• 2489	<i>Aster Boltoniae</i> Greene	COMP OSITAE
• 1974	<i>Aplopappus spinulosus</i> (Pursh) DC.	
• 2454	" "	
• 2442	<i>Parthenium incanum</i> HBK.	
• 1939	" "	
• 2014	" "	

- COMPOSITAE-cont.
- 1997 *Viguiera dentata* (Cav.) Spreng
 - 1947 *Viguiera stenoloba* Blake
 - 2016 "
 - 2453 *Zinnia multiflora* L.
 - 2008 *Zinnia oligantha* Johnston
 - 2483 *Zinnia grandiflora* Nutt.
 - 2488 *Helenium*
 - 2484 *Gaillardia linearis* Rydb.
 - 1981 *Porophyllum scoparium* Gray
 - 1995 *Pectis angustifolia* Torr. var. subaristata Gray
 - 2441 "
 - 1975 *Baileya Thurberi* Rydb.
 - 2009 "
 - 2458 *Baileya*
 - 1934 *Bahia absinthifolia* Benth. var. dealbata Gray
 - 1923 *Haploesthes* n. sp.
 - 2012 *Trixis radialis* (L.) Kuntze.
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17 • 2479 *Cuphea Wrightii* Gray LYTHRACEAE

Note: underscored species are rare and so of special interest.

18
59
59

Total 136 — Apr 1940 from White

25 from
225 from
250 from B. B. B. Apr. 1940

Incomplete data on collection of Mexican plants made by Stephen White in 1939 (compiled from his labels.

June 18-19	Don Martin Dam, Coahuila	1374-99
June 21-24	Cerro de la Silla near Monterey	1404-1506
June 26-29	Hac. Vista Hermosa 35 mi S of Monterey	1509-1641
June 30	Cerro de la Silla	1647-51
July 2	2 mi. W of Saltillo, Coahuila	1657-84
July 3	12 mi. N of Hipolito road to Monclova	1693-97
July 5-7	Monclova	1703-1790
July 13-16	El Berrendo near Muzquiz, Coahuil.	1792-1873
July 18-20	Cuatro Cienegas (mostly Canon de Cienegas)	1882-1921
July 24	5 and 25 mi. W of El Oro road to Guimbalete? Coah.	1983-2023
July 26	Escalon	2051
July 26	about 8 mi W of Escalon	2054-66
July 27	9 mi. N of Escalon road to Jimenez	2071
July 27	32 mi. N. of Escalon	" " " " " " 2076-78
July 28	Rio Florido, Jimenez	2081-2103
July 30	Los Reyes, about 8 mi. S of Jimenez	2113-2121
July 31	5 mi. E of Jimenez	2125-2156
July 31	11 mi. E of Jimenez	2158-2161
Aug 1	3 mi. N of Jimenez road to Camargo	2165-70
Aug 1	33 m. N of Jimenez	2176-85
Aug 1	37 mi. N of Jimenez	2186-87
Aug 2-5	12 mi. S of Camargo	2191-2239
Aug 2-5	Camargo, Rio Voncho	2246-58
Aug 2-5	3 mi. W of Camargo	2262-85
Aug 7	26 mi. N of Camargo, road to Las Delicias	2289
Aug 7	15 mi. W of Las Delicias, road to San Lucas	2292-2300
Aug 8	3 mi. N of San Lucas	2310-11
Aug 8	8 mi. N of San Lucas	2320-23
Aug 11	Majalca (Pilares) 40 mi. NW of Chihuahua	2339-2406
Aug 16-17	El Pozo, Sierra de Santa Eulalia	2427-27
Aug 20	13 mi. W of Chihuahua road to Santa Isabel	2457
Aug 26-28	Carretas, Municip. de Janos, Chih.-Sonor. border	2499-2617
Canon Sept. 2-3	Canon de Huepari, N of Aribabi, Sonora	2625-95
Sept 4	Cerro de Capulin, NW of Aribabi	2704-28
Sept. 4	Canon de Huepari, N. of Aribabi	2731
Sept. 5	" " S. of "	2734
Sept. 6	Canon de los Apaches, N of Aribabi	2753-63
Sept. 7	Puerto de Huepari, NW of Aribabi	2773-90

July 21-22 9-60 mi. W. of 4-Cienegas, road to El Oro.
 July 23 3-7 mi NW. of El Oro, road to Sierra Mojada.
 July 23 Sierra Mojada

Aug 18 6-25 mi. W. of El Pozo, road to Sta Eulalia.
 Aug 21 1-12 mi W. of Carretas, road to Cuantimoc