

Chihuahuana Plants coll. by Hartman.
& Sinaboa

570. *Ranunculus Hookeri*, Schlecht.
 - 1. *Hieracium macraptera*, DC.
 2. *Lonicera involucrata*, Gauche.
 3. *Ilex rubra*, Wats.
 - 4. *Caesalpinia pulcherrima*, Swartz.
 ✓ 5. " *platyloba*, Watson.
 ✓ 6. *Diphysa racemosa*, Rose.
 7. lvs = *Lupinus micophylla* - fr = *Bignonia equinoctialis*, L.
 ✓ 8. *Willardia Mexicana*, Rose.
 9. *Mimosa asperata*, L.
 ✓ 20. *Acacia cochleacantha*, HBK.
 ✓ 1. *Senecio anienus* L. var. *compactus*, Gray.
 ! 2. *Cacalia globosa*, Rob. & Fern. n. sp.
 ✓ 3. *Bellis orthopoda*, Rob. & Fern. n. sp.
 4. *Lobelia nana*, HBK.
 - 5. " "
 6. *Arbutus glandulosa*, Mart. & Gal.
 7. *Vaccinium* - ?
 8. *Arbutus* ?
 9. *Plummeria Mexicana*, Lodd.
 30. *Asclepias setosa*, Benth.
 ✓ 1. *Veronica Americana*, Schw.
 2. *Pinguicula caudata*, Schlecht.
 ! 3. *Utricularia denticulata*, Benj. ex char.
 ✓ 4. *Stemmadenia Palmeri*, Rose.
 ✓ 5. *Coccoloba Orizabae*, Lindau, fide Authan.

536. *Sterculia* ?

- ✓ 7. *Ficus radulina*, Watson.
- 8. *Pinus latisquamis*, Engelm.
- 9. *Pseudotsuga Douglasii*, Engelm.
- 40. *Pinus Chihuahuana*, Engelm.
- ! 1. *Pinus Humboldtii*, Rob. & Fern. n. sp.
- 2. *Cupressus Benthani*, Endl.
- ✓ 3. *Spiranthes jaliscana*, Watson.
- ✓ 4. *Smilacina amplexicaulis*, Nutt.
- 5. *Spizelia formosissima*, Herb.
- ✓ ! 6. *Brava densiflora*, Rob. & Fern. n. sp.
- ✓ 7. *Tillandsia Pringlei*, Watson.
- 8.
- 9. *Guazuma tomentosa*, HBK.
- 50. *Pinus Arizonica*, Engelm. -
- 1. *Agave (Littaea) ?*
- 2. *Casimiroa edulis*,
- 3. *Otelea trifoliata*, L.
- 4. *Tephrosia Schiediana*, Schl.
- ✓ 5. *Anoda Arizonica*, Gray.
- 6. *Agave yuccaeifolia*, DC.

June 5, 1894-

- 578 *Aspidium ~~asp~~ biglandifolium*, (nobilis).
9 *Aphyllon fasciculatum*, Gray.
80 *Androsace occidentalis*, Pursh.
1 *Sisyrinchium anceps*, Cav.
✓ 2 *Parietaria floridana*, Nutt.
✓ 3 *Castilleja minor*, Gray.
✓ 4 *Quercus hypoleuca*, Engelm.
✓ 5 *Rhamnus Purshiana*, DC.
- 6 *Fendlera rupicola*, Engelm. & Gray.
- 7 *Alibutus Kalapensis*, HBK.
8 *Juglans rupestris*, Engelm.
9 *Rhus toxicodendron*, L.
! 90 *Viola pteropoda*, Hemsl. ex char.
✓ 1 *Townsendia Wilcoxiana*, Wood.
- 2 *Acetostaphylos pungens*, HBK.
✓ 3 *Cerastium Texanum*, Britton.
✓ 4 *Erigeron flabellaris*, Gray.
5 *Astragalus parvus*, Hemsl.
✓ 6 *Gilia inconspicua*, Dougl., var. *sinuata*, Gray.
7 *Cercis polyacanthus*, Engelm.
8 *Castilleja integra*, Gray.
9 *Euphorbia radians*, Benth.
- ✓ 600 *Corydalis aurea*, Willd., var. *occidentalis*, Gray.
1 *Oenothera triloba*, Nutt.
✓ 2 *Actinella odorata*, Gray.
3 *Evolvulus sericeus*, Torr.
! 4 *Marsilia mollis*, Rob. & Fern. n. sp.

- 605- *Astragalus Bigelovii*, Gray.
 6 *Ceanothus albicaulis*, Nutt.
 7 *Malacothrix Fendleri*, Gray.
 8 *Verbena Xutha*, Lehm.
 - 9 *Pectis longipes*, Gray.
 10 *Ceratophyllum demersum*, L.
 1 *Eleocharis* - to young
 ✓ 2 *Krynitzkia crassisejala*, Gray.
 3 *Mimulus luteus*, L.
 4 *Agalla Caroliniana*, Willd.
 ✓ 5 *Lesquerella Gordonii*, Watson.
 6 *Fallugia paradoxa*, Torr.
 7 *Berlandiera lyrata*, Benth.
 ✓ 8 *Rumex hymenosepalus*, Torr.
 ✓ 9 *Myosurus Pringlei*, Nutt.
 ✓ 20 *Carex occidentalis*, Bailey.
 - ✓ 1 *Eigerson flabellatus*, Gray.
 2 *Astragalus Arizonicus*, Gray.
 - ✓ 3 *Senecio Neo-Mexicanus*, Gray.
 4 *Linaria Canadensis*, Drumont.
 5 *Salix ^{taxifolia} taraxifolia*, HBK.
 6 *Phlox nana*, Nutt.
 7 *Carpochaete Bigelovii*, Gray.
 - 8 *Ceanothus luxifolius*, Willd.
 9 *Thelypodium auriculatum*, Wats.
 3 0 *Astragalus rothomys*, Gray?
 1 *Cassileia sessiliflora*, Pursh.
 2 *Plantago Virginica*, L.

- ✓ 633 *Quercus oblongifolia*, Torr.
 4 *Dalea polycephala*, Bth.
 5 *Veronica peregrina*, L.
 6 *Lupinus Leonensis*, Wats.
 ✓ 7 *Cerastium brachypodium*^{dum}, Robinson.
 ✓ 8 *Patentilla subviscosa*, Greene.
 ✓ 9 *Hesakia rigida*, Bth., var. *mollis*, Gray.
 40
 ✓ 1 *Townsendia Wilcoxiana*, Wood.
 ✓ 2 *Ephedra trifurca*, Torr.
 3 *Nana hispidum*, Gray.
 4 *Sisymbrium canescens*, Nutt., var.
 5 *Astragalus triflorus*, Gray.
 ✓ 6 *Phacelia caerulea*, Greene.
 7 *Lepidium intermedium*, Gray.
 8 *Lepidium intermedium*, Gray.
 ✓ 9 *Sisymbrium Cunninghamianum*, F. & M.
 50 *Specularia perfoliata*, A.D.C.
 1 *Phacelia Neo-Mexicana*, Thurber.
 2 *Oenothera rosea*, Ait.
 3 *Stephanomeria Thurberi*, Gray.
 4 *Eriogonum Abertianum*, Torr.
 5 *Sisyrinchium scabrum*, Cham. & Schlecht.
 6 *Thelaspisma gracile*, Gray.
 7 *Castilleja sessiliflora*, Pursh.
 8 *Heliotropium Curassavicum*, L.
 9 *Paspalum distichum*, L.
 ✓ 60 *Epilobium Borplandianum*, Kth. ?

- 66 1 *Polygonum mansuetiense*, Desf.
 2 *Jussiaea repens*, L.
 3 *Asclepias Mexicana*, Cav.
 4 *Thelictus parviflora*, Desf.
 5 *Erythraea calycosa*, Buckl., var.
 6 *Ranunculus stolonifer*, Hemsl.
 7 *Asclepias nummularia*, Torr.
 8 *Pentstemon acuminatus*, Dougl.
 ✓ 9 *Euphorbia campestris*, Cham. & Schl., var. *esulaefolia*, Bries.
 ✓ 70 *Baileya multiradiata*, Gray, var. *mediculis*, Gray.
 1 *Pentstemon puniceus*, Gray.
 2 *Cnicus Neo-Mexicanus*, Gray.
 3 *Argemone platyceras*, Link & Otto.
 4 *Aster cuneifolius*, Roth.
 ✓ 5 *Oenothera Wrightii*, Gray.
 6 *Sonchus oleraceus*, L.
 7 *Unquadia speciosa*, Endl.
 ✓ 8 *Astragalus Yaguianus*, Wats.
 9 *Caricopholis Mexicana*, Gray.
 ✓ 80 *Ranunculus circinatus*, Sibth.
 1 *Hieracium sanguinea*, Engelm.
 ✓ 2 *Gilia floribunda*, Gray.
 ✓ 3 *Erigeron diversus*, Torr. & G., var. *cinerens*, Gray.
 4 *Silene antirrhina*, L.
 - 5 *Specularia perfoliata*, A. DC.
 1 6 *Phacelia ruficola*, Rob. & Fern. n.sp.
 1 7 *Carex involuta*, Rob. & Fern. n.sp. new
 - 8 *Lathyrus polymorphus*, Nutt.

- 689 *Nothoecordium striatum*, Kunth.
- 90 *Senecio Tolucanus*, DC., var. *modestus*, Sch. Bip.
- 1 *Populus Fremonti*, Wats., var. ? *Wislizeni*, Wats. ?
- ✓ 2 *Geranium incisum*, Nutt.
- ✓ 3 *Sisyrinchium bellum*, Wats.
- ✓ 4 *Ranunculus Arizonicus*, Lemmon, var. *subaffinis*, Gray
(*calcareus glaberrimus*)
- 5 *Pentstemon campocaulatus*, Willd.
- ✓ 6 *Rubus Mtkanus*, Moe. & Sessi
- ! 7 *Aster lepidopodus*, Rob. & Fern. n.sp.
- ✓ 8 *Hieracium Fendleri*, Sch. Bip.
- ✓ 9 *Gilia floribunda*, Gray.
- ✓ 700 *Geum triflorum*, Pursh.
- 1 *Hieracium sanguinea*, Engelm.
- 2 *Aster canescens*, Pursh.
- 3 *Aphyllon fasciculatum*, Gray.
- ✓ 4 *Lactuca Ludoviciana*, DC.
- ✓ 5 *Houstonia Wrightii* Gray
- ! 6 *Spiranthes ramentacea*, Lindl. ex char.
- 7 *Pedicularis Canadensis* L.
- ✓ 8 *Cornus stolonifera*, Michx.
- 9 *Cardamine hirsuta*, L.
- ! 10 *Spiranthes velata*, Rob. & Fern. n.sp.
- ✓ 1 *Habenaria Thurberi*, Gray.
- 2 *Oenothera Hartwegii*, Benth.
- ! 3 *Inula coccifolia*, HBK. ex char.
- ✓ 4 *Lithospermum Cobrense*, Greene.
- ✓ 5 *Pentstemon barbatus*, Nutt., var. *Jonesii*, Gray.
- 6 *Populus angustifolia*, James.

- 717 *Erythraea calycosa*, Buckl.
 8 *Maurandia Wislizeni*, Engelm.
 - ✓ 9 *Rhamnus Purshiana*, DC. (peduncles short)
 20 *Pinacappus roseus*, Less.
 ✓ 1 *Asclepias tuberosa* L.
 2 *Dalca scoparia*, Gray.
 3 *Atroplex acanthocarpa* Wats. var.
 4 *Aursonia tomentosa*, Torr. (narrow leaved form)
 5 *Aquilegia chrysantha*, Gray.
 6 *Riddelia tagetina*, Nutt.
 7 *Cladanthrix lanuginosum*? Nutt.
 8 *Talinum aurantiacum*, Engelm.
 9 *Erioforum Wrightii*, Torr.
 30 *Mouada punctata* L.
 1 *Erioforum aenum*, Nutt.
 ✓ 2 *Mimosa dysocarpa*, Bth.
 - 3 *Adolphia infesta*, Meisn.
 4 *Zephyranthes aurea*, Wats.
 ✓ 5 *Gonolobus Chihuahuensis*, Gray.
 - 6 *Valeriana sorbifolia*, HBK.
 ✓ 7 *Tigridia Pringlei*, Wats.
 8 *Salvia Lemmonii*, Gray.
 ✓ 9 *Lopezia gracilis*, Wats.
 ✓ 40 *Quosmodium Thurberi*, Gray.
 ✓ 1 *Lepachys Mexicana*, Wats.
 2 *Linum perenne*, L.
 ✓ 3 *Oxybaphus Myctagineus*, var. *oblongifolius*, Gray.
 4 *Salvia lanceolata*, Willd. (slender form).

- ✓ 745 *Silene Pringlei*, Wats.
- ✓ 6 *Delphinium scopulorum*, Gray.
- ✓ 7 *Sabazia microglossa*, DC., var. *pubescula*, DC.
- ✓ 8 *Urtica Breweri*, Watson.
- 9 *Salvia filiaefolia*, Vahl.
- ✓ 50 *Thalictrum Fendleri*, Engelm., var. *Wrightii*, Gray.
- 1 *Thalictrum Hernandezii*, Fausch.?
- ✓ 2 *Eupatorium Rothrockii*, Gray.
- ✓ 3 *Saxifraga reflexa*, Hook.
- 4 *Muhlenbergia* sp.?
- 5 *Datura quercifolia*, HBK.
- 6 *Ceanothus sinuata*, Lag.
- ✓ 7 *Senecio Douglasii*, DC.
- 8 *Gutierrezia Euthamiae*, Torr. & Gray.
- 9 *Bigelovia Wrightii*, Gray.
- ✓ 60 *Eriogonum virgatum*, Benth.
- 1 *Mirabilis jalapa*, L.
- 2 *Euphorbia campestris*, Cham. & Schlecht.
- 3 *Tradescantia Discreta*, Kunth.
- ✓ 4 *Euphorbia Plummerae*, Wats.
- ✓ 5 *Xanthocephalum Wrightii*, Gray.
- ✓ 6 *Hymenothrix Palmeri*, Gray.
- 7 *Gerardia Wrightii*, Gray.
- 8 *Bouvardia triphylla*, Salisb.
- 9 *Anthericum Foulxii*, Baker.
- ✓ 70 *Sicyos minimus*, Wats.
- 1 *Talinum parviflorum*, Nutt.
- ✓ 2 *Thalictrum pinnatum*, Watson.

- ! 77 3 *Sicyas collinus*, Rob. & Fern. n. sp.
 ✓ 4 *Begonia gracilis*, HBK., var. *Maiana*, A.D.C.
 ✓ 5 *Brickellia Lemmonii*, Gray.
 6 *Salvia subincisa*, Benth.
 7 *Gymnoloma multiflora*, Benth.
 ✓ 8 *Artemisia dracunculoides*, Pursh.
 9 *Dalea filiformis*, Gray.
 80 *Eriogonum atrorubens*, Engelm.
 1 *Centaurea Americana*, Nutt.
 - 2 *Brickellia Rusbyi*, Gray.
 ! 3 *Polygala Chihuahuensis*, Rob. & Fern. n. sp.
 - ✓ 4 *Silene Thurberi*, Watson.
 ✓ 5 *Geranium* ~~*neglectum*~~ *Nisliensis*, Watson.
 ✓ 6 *Prionosciadium Madreense*, Wats.
 7 *Brickellia simplex*, Gray.
 - ✓ 8 *Thalictrum Fendleri*, Engelm. var. *Wrightii*, Gray.
 - ✓ 9 *Aegopogon gracilis*, Vasey.
 - 90 *Panicum bulbosum*, HBK.
 ✓ 1 *Geranium caespitosum*, James.
 2 *Linum multicaule*, Hook.
 3 *Muhlenbergia Beclaudieri*, Tine. ?
 - 4 *Cosmos parviflorus*, HBK.
 - 5 *Stevia salicifolia*, Cav.
 ✓ 6 *Gaura suffulta*, Engelm.
 7 *Sisymbrium* ~~*virgatum*~~ *Schaffneri*, Wats.
 8 *Crucella subulata*, Gray.
 9 *Erysimum asperum*, DC.
 800 *Thelypodium linearifolium*, Wats.

- ✓ 801 *Euphorbia dentata*, Mx., var. *lasiocarpa*, Boiss.
 2 *Prouns ciliatus*, L.
 3 *Epicaurpes rigens*, Benth.
 4 *Thelypodium micranthum*, Wats.
 ✓ 5 *Agropyrum divergens*, Nees.
 6 *Croton corymbulosus*, Engelm.
 7 *Riddellia tagetina*, Nutt.
 8 *Chenopodium album*, L.
 9 *Parthenium incanum*, HBK.
 810 Fungus on *Asclepias brachystephana*, Engelm.
 ✓ 1 *Matimowiczia Lindheimeri*, Cogn., var. *tenuisepta*, Cogn.
 ! 2 *Encelia ablouga*, Rob. & Fern. n. sp.
 ! 3 *Frauseria nivea*, Rob. & Fern. n. sp.
 4 *Panicum leucophaeum*, HBK.
 5 *Cercurus tribuloides*, L.
 6 *Asclepias longicornis*, Benth.
 7 *Pectis angustifolia*, Torr.
 8 *Sisymbrium caesceus*, Nutt.
 9 *Prouns Caroliniana*, Ait.

615 species



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"Chihuahua and Sinaloa Plants." *Gray Herbarium miscellaneous plant lists*

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