

QK  
183  
.B37

LIBRARY  
NEW YORK  
BOTANICAL  
GARDEN

# PLANTS

— OF —

## Southern Utah, Southern Nevada and California.

Collected by Dr. C. A. PURPUS, 1897-98.

Also, Collections from Lower California and the Islands off the  
Coast of Lower California and Mexico, made by  
A. W. ANTHONY in 1897.

Price \$10 per hundred, carriage paid by purchaser. No orders taken for  
less than 100. Orders should include a few substitutes as many of the species  
are new and rare and some of the numbers will be soon exhausted.

I refer by permission to Mr. T. S. BRANDEGEE.

JOHN R. BARROWS,

P. O. Box 396.

SAN DIEGO, CALIFORNIA.

*Myosurus apetalus lepturus* Gray.  
*Eschscholtzia ramosa* Greene.  
*Papaver Californicum* Gray.  
*Platystigma denticulatum* Greene.  
*Platystemon Californicus nutans*  
Brandg. n. var.  
*Arabis Ludoviciana* Mey.  
“ *perennans* Wats.  
“ *pectinatus* Greene.  
*Biscutella Californica* B. & H.  
*Draba Sonoræ* Greene.  
“ *Lemmoni* Wats.  
*Lepidium flavum* Torr.  
*Lyrocarpa Coulteri* H. & H.  
*Streptanthus heterophyllus* Nutt.  
*Thysanocarpus erectus* Wats.  
*Cleome sparsifolia* Wats.  
*Cleomella brevifolia* Watson.  
“ *gracilis* Brandg. n. sp.  
“ *parviflora* Gray.  
“ *plocasperma* Wats.  
*Isomeris arborea* Nutt.  
*Oxystylis lutea* Torr.  
*Krameria parvifolia* Benth.  
*Frankenia Palmeri* Wats.  
*Achyronychia Cooperi* Gray.  
“ *Rixfordi* Brandg.

*Drymaria crassifolia* Benth.  
“ *holosteoides* Benth.  
“ *viscosa* Wats.  
*Loeflingia squarrosa* Curran.  
*Paronychia sessiliflora* Nutt.  
*Pentacæna polycnemoides* Bartl.  
*Silene Hookeri* Nutt.  
“ *multinervia* Wats.  
“ *Palmeri* Wats.  
“ *Shockleyi* Wats.  
*Tissa Clevelandi* Greene.  
*Calandrinia Breweri* Wats.  
“ *sesuvioides* Gray.  
*Gossypium Davidsonii* Kell.  
*Lavatera assurgentiflora* Kell.  
“ *insularis* Wats.  
“ *occidentalis* Wats.  
“ *venosa* Wats.  
*Sphæralcea fulva* Greene.  
*Waltheria Americana* L.  
*Triumfetta Socorrensis* Brandg. n. sp.  
*Cneoridium dumosum* Hook.  
*Ceanothus crassifolius* Torr.  
“ *integerrimus* H. & A.  
“ *Orcuttii* Parry.  
“ *Palmeri* Trel.  
*Mortonia scabrella* Gray.

Glossopetalon spinescens Gray.  
 Dodonæa viscosa L.  
 Veatchia discolor (Benth.)  
 Astragalus didymocarpus Gray.  
     " insularis Kell.  
     " limatus Sheld.  
     " Kentrophyta elatus Watson  
 Dalea **Anthonyi** Brandg. n. sp.  
 Hosackia maritima Nutt.  
     postrata Nutt.  
 Lupinus concinnus Agardh.  
     " gracillos Agardh?  
     " hirsutissimus Benth.  
     " microcarpus Sims.  
     " Orcutti Watson  
     " truncatus Nutt.  
 Petalostemon Searlsiae Gray.  
 Cowania Mexicana Don.  
 Horkelia **campestris** Rydb.  
     " Clevelandi (Green.)  
     " **mutabilis** Brandg. n. sp.  
     " " glabrous form.  
 Ivesia Baileyi Watson  
     " eremica Cov.  
 Potentilla Grayi Watson.  
     " Wheeleri Watson.  
**Purpusia saxosa** Brandg. n. gen.  
 Saxifraga Parryi Gray.  
 Whipplea Utahensis Watson.  
 Tillæa leptopetala Benth.  
 Hauya arborea Kell.  
 Oenothera alyssoides villosa Watson.  
     " gracilliflora N. & A.  
 Eucnide cordata Kell.  
     " urens Parry.  
 Mentzelia involucrata Wats.  
     " **leucophylla** Brandg. n. sp.  
     " multiflora Gray.  
     " Torreyi Gray.  
 Petalonyx linearis Greene.  
 Cereus Emoryi Engelm.  
 Echinocactus polyancistrus E. & B.  
 Mamillaria **armillata** Brandg. n. sp.  
     " **Brandegei** Coult. n. sp.  
     " **dioica** Brandg. n. sp.  
     " **dioica insularis** Brandg. n.  
         var.  
     " Roseana Brandg.  
 Opuntia basilaris E. & B.  
     " leptocaulis D. C.  
     " (Pereskopuntia) **Porteri**  
         Brandg. n. sp.  
     " stenopetala Engelm.  
 Peucedanum Euryptera Gray.  
 Velæa arguta C. & R.  
 Galium angustifolium Nutt.  
 Actinella acaulis Nutt.

Actinella canescens Greene.  
 Ambrosia pumila Gray.  
 Amblyopappus pusillus H. & A.  
 Anisocoma acaule T. & G.  
 Aplopappus apargioides Gray.  
     " monactis Gray.  
     " nanus Eaton.  
     " Nuttallii T. & G.  
     " racemosus glomerellus  
         Gray.  
     " suffruticosus Gray.  
 Artemisia frigida Willd.  
     " Palmeri Gray.  
     " spinescens Eaton.  
     " trifida Nutt.  
 Aster adscendens Lindl.  
     " canescens Pursh. var.  
     " canescens viscosus Gray.  
     " carnosus Gray.  
     " ericæfolius Roth. var.  
     " frondosus T. & G.  
     " pauciflorus Nutt.  
     " tortifolius Gray.  
 Baccharis Emoryi Gray.  
 Bæria anthemoides Gray.  
     " carnosus Greene.  
     " coronaria Gray.  
     " mutica Gray.  
 Bigelovia albida Jones.  
     " Douglasii Gray var.  
     " " lanceolata Gray.  
     " " stenophylla Gray.  
     " " tortifolia Gray.  
     " graveolens glabrata Gray.  
     " veneta Gray.  
 Brickellia frutescens Gray.  
     " incana Gray.  
     " linifolia Eaton.  
 Calycoseris Parryi Gray.  
 Chaenactis artemisiæfolia Gray.  
     " carphoclinia Gray.  
     " santolinoides Greene.  
     " stevioides H. & A.  
     " tenuifolia Nutt.  
 Chrysopsis **Brandegei** Rob. n. sp.  
 Corethrogyne incana Nutt.  
     " **Pacifica** Brandg. n. sp.  
 Cotula australis Hook.  
 Dysodia Cooperi Gray.  
 Eatonella nivea Gray  
 Encelia eriocephala Gray.  
     " stenophylla Greene.  
 Eremiastrum bellioides Gray.  
 Erigeron caespitosus Nutt.  
     " compositus discoideus Gray.  
     " concinnus aphanactis Gray.  
     " concinnus condensatus Eaton

Eriodictyon tomentosum Benth.  
 Phacelia crenulata Torr.  
 " curvipes Torr.  
 " divaricata Gray.  
 " Eiseni Brandg.  
 " floribunda Greene.  
 " ixodes Kell.  
 " Palmeri Gray.  
 " Parryi Torr.  
 " perityloides Cov.  
 " **Purpusi** Brandg. n. sp.  
 Allocarya Cooperi Greene.  
 " California Greene.  
 " Cusickii Greene.  
 " Greenei Greene.  
 " lithocarya Greene.  
 " penicillata Greene.  
 " **salsa** Brandg. n. sp.  
 " trachycarpa Greene.  
 Coldenia canescens D. C.  
 " hispidissima Gray.  
 " Nuttallii Hook.  
 " Palmeri Gray.  
 Cryptanthus affinis Greene.  
 " ambigua Greene.  
 " angustifolia Greene.  
 " barbigera Greene.  
 " circumscissa (Gray.)  
 " Clevelandi Greene.  
 " **costata** Brandg. n. sp.  
 " denticulata Greene.  
 " dichotoma Greene.  
 " **excavata** Brandg. n. sp.  
 " flaccida Greene.  
 " foliosa Greene.  
 " Grayi V. & R.  
 " intermedia Greene.  
 " Jonesii Greene.  
 " leiocarpa Greene.  
 " lepida Greene.  
 " maritima Greene.  
 " micrantha Greene.  
 " muriculata Greene.  
 " nemaclada Greene.  
 " oxygona Greene.  
 " pterocarya Greene.  
 " racemosa Greene.  
 " recurvata Cov.  
 " Torreyana Greene.  
 " Utahensis Greene.  
 Echinosperrum Redowskii cupulatum Gray.  
 Echinosperrum Redowskii occidentale Watson.  
 Harpagonella Palmeri Gray.  
 Heliotropium convolvulaceum Gray.  
 Oreocarya abortiva Green.  
 " confertiflora Greene.

Oreocarya fulvocanescens Greene.  
 " humilis Greene.  
 " leucophaea Greene.  
 " sericea Greene.  
 Pectocarya linearis D. C.  
 " penicillata D. C.  
 " pusilla Gray.  
 " setosa Gray.  
 Plagiobothrys Arizonicus Greene.  
 " campestris Greene.  
 " Cooperi Gray.  
 " Harknessii (Greene.)  
 " Kingii Gray.  
 " mothofulvus Gray.  
 " Shastensis Greene.  
 " tenellus Gray.  
 " Torreyi Gray.  
 " ursinus Gray.  
 Cestrum **Pacificum** Brandg. n. sp.  
 Chamæsaracha nana Gray.  
 Lycium Hassel Greene.  
 Nicotiana Clevelandi Gray.  
 " **Stocktoni** Brandg. n. sp.  
 Physalis crassifolia Benth.  
 Solanum Palmeri V. & R.  
 Castilleia Lemmoni Gray.  
 Galvesia juncea (Benth.)  
 Mimulus atropurpureus Kell.  
 " bicolor Hartw.  
 " Bigelovii Gray.  
 " brevipes Benth.  
 " Congdoni Rob.  
 " deflexus Watson.  
 " Douglasii Benth.  
 " exilis Durand.  
 " Fremontii Gray.  
 " Whitneyi Gray.  
 Mohavea viscida Gray.  
 Orthocarpus attenuatus Gray.  
 " Bidwelliae Gray.  
 " densiflorus Benth.  
 " micranthus Greene.  
 " pusillus Benth.  
 Pentstemon antirrhinoides Benth.  
 " caesius Gray.  
 " fruticiformis Cov.  
 " **incertus** Brandg. n. sp.  
 " labrosus Hook.  
 " **petiolatus** Brandg. n. sp.  
 " Roezli **violaceus** Brandg. n. var.  
 Stemodia durantifolia Sw.  
 Tonella collinsoides Nutt.  
 Hedeoma thymoides Gray.  
 Hyptis Emoryi Torr.  
 Monardella linoides Gray.  
 Pogogyrne nudiuscula Gray.  
 Teucrium **affine** Brandg. n. sp.

Erigeron, Eatoni Gray, small form.  
" Elmeri Greene.  
" foliosus tenuissimus Gray.  
    **Socorrensis** Brandg. n. sp.  
Eriophyllum ambiguum Gray.  
" confertiflorum laxiflorum  
    Gray.  
" multicaule Gray.  
" **paleaceum** Brandg. n. s. p.  
" Wallacei Gray.  
Franseria bipinnatifida Nutt.  
" dumosa Gray.  
Glyptopleura marginata Eaton.  
Gutierrezia microcephala Gray.  
Hazardia detonsa Greene.  
Hemizonia floribunda Gray.  
" Kelloggii Greene.  
" oppositifolia Greene.  
" Streetsii Gray.  
" tenella Gray.  
" Wheeleri Gray.  
Iva Hayesiana Gray.  
Lagophylla congesta Greene.  
Laphamia **intricata** Brandg. n. sp.  
" megaloccephala Watson.  
Lasthenia Coulteri Gray.  
Layia elegans T. & G.  
Lepidospartum latisquamum Watson.  
Leptosyne Douglasii D. C.  
" maritima Gray.  
Microseris acuminata Greene.  
" aphantocarpa Gray.  
" macrochaeta Gray.  
" Parishii Greene.  
" Parryi Gray.  
" platycarpa Gray.  
Orochaenactis thysanocarpa Cov.  
Palafoxia linearis Lag.  
Pentachaeta aurea Nutt.  
" paleacea Greene.  
Perezia microcephala Gray.  
Perityle **Brandegei** Rose n. sp.  
" Emoryi nuda Gray.  
" Grayi Rose.  
" Greenei Rose.  
" Socorrensis V. & R.  
" Socorrensis **Clarionensus**  
    Brandg. n. var.  
" rotundifolia (Benth.)  
Psathyrotes annua Gray.  
Riddellia Cooperi Gray.  
Rigiopappus leptoladus.  
Senecio Californicus D. C.  
" Lyoni Gray.  
Solidago pumila T. & G.  
Sonchus tenerrimus L.  
Syntrichopappus Fremontii Gray.  
Tanacetum canum Eaton

Tetradymia comosa Gray.  
" glabrata Gray.  
" stenolepis Greene.  
Trichoptilium incisum Gray.  
Trixis angustifolia latiuscula Gray.  
" Californica Kell.  
Viguiera laciniata Gray.  
" lanata Kell.  
Wyethia coriacea Gray.  
Glaux maritima L.  
Menodora scabra Gray.  
" spinescens Gray.  
Philibertia linearis.  
Gilia aggregata Bridgesii Gray.  
" aristella Gray.  
" atractyloides Steud.  
" aurea Nutt.  
" Bigelovii Gray.  
" Bolanderi Gray.  
" campanulata Gray.  
" capillaris Kell.  
" capitata Dougl.  
" ciliata Benth.  
" congesta Hook.  
" cotulaefolia Steud.  
" densifolia Benth.  
" depressa Jones.  
" dianthoides Endl.  
" filifolia Nutt.  
" floccosa Gray.  
" floribunda Gray.  
" foliacea (Greene.)  
" gracilis Hook.  
" glutinosa Gray.  
" hamata (Greene.)  
" Harknessii Curran.  
" heterophylla Gray.  
" inconspicua Dougl.  
" latiflora Gray.  
" leptomeria Gray.  
" liniflora Benth.  
" Matthewsii Gray.  
" micromeria Gray.  
" multicaulis tenera Gray.  
" Nevinii Gray.  
" ochroleuca Jones.  
" Palmeri Gray.  
" polycladon Torr.  
" Schotti Watson.  
" setosissima Gray.  
" tenuifolia Gray.  
" tenuiflora Benth.  
" virgata Steud.  
" viscidula Gray.  
Linanthus acicularis Greene.  
" luteolus Greene.  
" montanus Greene.  
" nudatus Greene.

Teucrium Townsendii V. & R.  
 Trichostema lanatum Benth.  
     "    lanatum denudatum Gray.  
 Abronia maritima Nutt.  
     "    nana Watson.  
     "    villosa Watson.  
 Hermidium alipes Watson.  
 Atriplex bracteosa Watson.  
     "    Californica Moq.  
     "    Coulteri Dietr.  
     "    expansa Watson.  
     "    fasciculata Watson.  
     "    microcarpa Dietr.  
 Chenopodium Californicum Watson.  
 Kochia Californica Watson.  
 Nitrophila occidentalis Watson.  
 Salicornia ambigua Michx.  
     "    Bigelovii Torr.  
     "    herbacea L.  
     "    subterminalis Parish.  
 Suaeda minutiflora Watson.  
     "    Torreyana Watson.  
 Batis maritima L.  
 Chorizanthe Andersoni Parry.  
     "    Californica Gray.  
     "    corrugata T. & G.  
     "    laciniata Torr.  
     "    membranacea Benth.  
     "    Nortoni Greene.  
     "    Orcuttiana Parry.  
     "    polygonoides T. & G.  
     "    rigida T. & G.  
     "    staticoides Benth.  
     "    Thurberi Watson.  
 Eriogonum angulosum Benth.  
     "    apiculatum Watson.  
     "    Baileyi Watson.  
     "    brachyanthum Cov.  
     "    brachypodum T. & G.  
     "    cernuum Nutt.  
     "    "    tenue T. & G.  
     "    clavatum Small.  
     "    corymbosum Benth.  
     "    curvatum Small.  
     "    dasyanthemum T. & G.  
     "    deflexum Torr.  
     "    densum Greene.  
     "    Douglasii Benth.  
     "    Esmeraldense Wats.  
     "    fasciculatum Benth. very  
         diffuse form.  
     "    **formosum** Brandg. n. sp.  
     "    gracile Benth.  
     "    hirtiflorum Gray.  
     "    Hookeri Watson.  
     "    inflatum Torr.  
     "    insigne Watson.  
     "    intricatum Benth. var.

Eriogonum Jonesii Watson.  
     "    marifolium T. & G.  
     "    Mearnsii Parry?  
     "    microthecum Nutt.  
     "    minutiflorum Watson.  
     "    molestum Watson.  
     "    molle Greene.  
     "    nidularium Cov.  
     "    nudum Dougl.  
     "    "    var.  
     "    nutans T. & G.  
     "    ovalifolium Nutt.  
     "    pharnaceoides Torr. very  
         low form.  
     "    plumatella D. & H.  
     "    puberulum Watson.  
     "    pusillum T. & G.  
     "    racemosum Nutt.  
     "    reniforme Torr.  
     "    Shockleyi Wats.  
     "    spergulinum Gray.  
     "    sphaerocephalum Dougl.  
     "    stellatum Benth.  
     "    "    bahiaforme Wats  
     "    Stokesæ Jones  
     "    sulcatum Watson.  
     "    taxifolium Greene.  
     "    Thomasii Torr.  
     "    Thurberi Torr.  
     "    umbellatum Torr.  
     "    vagans Watson.  
     "    Wrightii Tor.  
 Lastarriæa chilensis Remy.  
 Nemacaulis denudata Nutt.  
 Oxytheca dendroidea Nutt.  
     "    perfoliata T. & G.  
 Pterostegia drymarioides F. & M.  
 Acalypha Californica Benth.  
     "    **umbrosa** Brandg. n. sp.  
 Euphorbia **Anthonyi** Brandg. n. sp.  
     "    albomarginata T. & G.  
     "    **Clarionensis** Brandg. n. sp.  
     "    hirtula Engelm.  
     "    misera Benth.  
     "    Palmeri Engelm.  
     "    revoluta Engelm.  
 Phyllanthus **peninsularis** Brandg. n. sp.  
 Stillingia annua Muell.  
     "    linearifolia Watson.  
     "    paucidentata Watson.  
 Agave brachystachys Cov.  
 Allium hæmotochiton Watson.  
     "    parvum Kell.  
 Behria tenuiflora Greene.  
 Ophioglossum Californicum Prantl.  
 Cheilanthes Clevelandi Eaton.  
 Marsilia vestita H.  
 Pilularia Americana A. Br.

