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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Collections of F. G. Meyer and D. J. Rogers from Tamaulipas and Nuevo Leon, Mexico, Summer of 1948.

June 11, 1948, open country 54 miles south of Matamoros, Tamaulipas, on highway.

- 2478 *Cordia* Biosieri DC.
2479 *Argemone mexicana* L.

June 15, 1948, dry shady banks along Rio San Marcos, 6 mi. west Ciudad Victoria, Tamaulipas, el. 460 m.

- 2480 *Hamelia patens* Jacq.
2481 *Bunchosia biocellata* Schlecht.
2482 *Annona globiflora* Schlecht.
2483 *Ungnadia speciosa* Endl.
2484 *Rivina humilis* L.
2485 *Eugenia fragrans* (Sw.) Willd.
2486 *Ruellia nudiflora* (Engelm. & Gray) Urb. var. *occidentalis* (A. Gray) Leonard
2487 *Callicarpa acuminata* HBK.
2488 *Phoebe tampicensis* (Meisner) Mey.
2489 *Bouteloua filiformis* (Pourn.) Grijp.
2490 *Ruellia polyedra* Zucc.
2491 *Galphimia angustifolia* Benth.
2492 *Chaetopappa bellioides* (Gray) Shinnars
2493 *Drymaria* sp.
2494 *Nama biflorum* Choisy
2495 *Commelina scabra* HBK. vel aff.
2496 *Notholaena candida* (Mart. & Gal.) Hook.
2497 *Anemia mexicana* Kl.
2498 *Lantana velutina* Mart. & Gal.
2499 *Lantana horrida* HBK.
2500 *Matelea Meyer* Woods. n.sp.
2501 *Celtis pallida* Torr.
2502 *Sargentia Greggii* Wats.
2504 *Siphonoglossa Greggii* Greenm. & Thomp.
2505 *Karwinskia humboldtiana* (Roem. & Schult.) Zucc.
2506 *Evolvulus alainoides* W.
2507. *Tetramerium hispidum* Nees.
2508 *Solanum verbassifolium* L.
2509 *Croton ciliato-glandulosa* Ort.
2510 *Selaginella novaleonensis* Hieron.

June 16, 1948 in open pine & oak woods, Dulces Nombres, Nuevo Leon, Lat. ~~24° N.~~ 24° N., 100.5° W., el. 1800 m.

- 2511 *Lobelia Ehrenbergii* var. *Ehrenbergii* McVaugh
2512 *Senecio tampicanus* DC.
2513 *Houstonia Wrightii* Gray
2514 *Nothoscordum inoderum* (Ait.) Nichols
2515 *Piqueria trinervia* Cav.
2516 *Cyperus divergens* HBK.
2517 *Hecardonia peduncularis* (Benth.) Small
2518 *Salvia unicostata* Fern.
2519 *Aneilema Karwinskianum* (R. & S.) Woods.
2520 *Desmodium* sp.
2521 *Hosackia angustifolia* Don.
2522 *Arenaria decussata* Willd.
2523 *Polygala alba* Nutt.
2524 *Carex planostachys* Kunze
2525 *Desmodium* sp.
2526 *Drymaria gracilis* Cham. & Schlecht.
2527 *Echeveria secunda* Booth.

- 2528 *Cheilanthes nothalaenoides* (Desv.) Maxon ex. Weatherby
2529 *Notholaena aurea* (Poir.) Desv.
2530 *Peperomia deppiana* Schlecht. & Cham.
2531 *Selaginella cuspidata* Spreng.

June 17, 1948, El Caracol, 3 mi. NE Dulces Nombres, el. 1350 m.

- 2532 *Galphimia glauca* Cav.
2533 *Metastelma Palmeri* S. Wats.
2534 *Deutzia pringlei* C. Schneid. vel aff.
2535 *Tecoma stans* (L.) HBK.
2536 *Lindleyella mespiloides* (HBK.) Rydb.
2537 *Bauhinia lunarioides* A. Gray vel aff.
2538 *Pinguicula lilacina* C. & S. vel aff.
2539 *Zizyphus mexicana* Rose, ex. char.
2540 *Erigeron pubescens* HBK.
2541 *Zizyphus acuminata* Benth., ex char.
2542 *Ilex toluicana* Hemsl.
2543 *Persea planifolia* Lundell
2544 *Sebastiania longipes* Muell. Arg. ex char.
2545 *Dasyllirion* sp.
2546 *Linum Greggii* Engelm.
2546a *Linum Schiedeianum* Schl.
2547 *Dasyllirion verlandieri* Wats.
2548 *Mortonia Greggii* A. Gray
2549 *Decatropis bicolor* (Zucc.) Radlk.
2550 *Acacia micrantha* Benth.
2551 *Bouvardia tenniflora* (Cav.) Schl.
2552 *Eysenhardtia texana* Scheele

June 18, 1948, near Dulces Nombres, el 1800-1900 m.

- 2553 *Sabal* vel aff., fide Bailey
2554 *Agave* sp.
2555. *Desmodium angustifolium* HBK.
2556 *Hypericum formosum* HBK.
2557 *Eragrostis palmeri* S. Wats.
2558 *Physalis foetens* Poir vel aff.
2559 *Cuphea cyanea* Sesse & Mocino ex DC.
2560 *Lythrum acinifolium* DC. vel aff.
2561 *Bromus Meyer* Swallen n. sp.
2562 *Litsea Muelleri* Rehder
2563 *Acalypha subviscida* Wats.
2564 *Escobedia crassipes* Pennell
2565 *Nolina* sp.
2566 *Spiranthes schaffneri* Reichb.
2567 *Stachys parviflora* M. & G.
2568 *Erigeron pubescens* HBK.
2569 *Erigeron maximus* Otto
2570 *Pentstemon barbatus* (Cav.) Roth
2571 *Castilleja falcata* Eastw.
2572 *Lamoureauxia rhinanthifolia* HBK.
2573 *Eragrostis intermedia* Hitchc.
2574 *Panicum transiens* Swallen
2575 *Chaptalia nutans* (L.) Folek.
2576 *Oenothera* (*Hartsammia*) *rosea* Aiton
2577 *Lithospermum calcicola* Robins
2578 *Panicum bulbosum* var. *minus* Vasey
2579 *Verbena elegans* var. *asperata* Perry

June 20, 1948 in narrow canyon, 8 mi. E of Dulces Nombres, possibly near the boundary between Tamaulipas and Nuevo Leon, el. 1550 m.

- 2580 *Litsea Pringlei* Bartlett
2581 *Phanerophlebia umbonata* Underw.
2582 *Dioscorea convolvulacea* C. & S. vel aff.
2583 *Cornus excelso* HBK.
2584 ~~XXXXXXXXXXXXXXXXXX~~ *Ranunculus petiolaris* HBK. var. *sierra-orientalis*
L. Benson
2585 *Lactuca canadensis* L.
2586 *Galium* sp.
2587 *Garrya laurifolia* Hartn.
2588 *Oxalis immaculata* (Small) Kuhnth
2589 *Matelea reticulata* (Engelm) Woods.
2590 *Chamaedorea cataractarum* (Liebm.) Mart.
2591 *Cercis canadensis* L.
2592 *Lamourouxia rhinanthifolia* HBK.
2593 *Juniperus flaccida* Schlect.

June 21 local as above

- 2594 *Lupinus elegans* HBK.
2595 *Chima philamaculata* (L.) Pursh
2596 *Polystichum acrostichoides* (Michx.) Schott.
2597 *Cestrum*, aff. *nitidum*
2598 *Solanum* sp.
2599 *Carya ovata* var. *mexicana* (Engelm) Manning
2600 *Sanicula liberta* C. & S.
2601 *Persea Liebmanni* Mez.?
2602 *Cornus Urbiniana* Rose
2603 *Solandra guttata* D. Don.
2604 *Mandevilla torea* (Jacq.) Woods.‡
2605 *Euphorbia retroscabra* Wats.
2606 *Sida rhombifolia* L.
2607 *Thalictrum* sp.
2608 *Cacalia meyeri* Blake n. sp.
2609 *Pellaea formosa* (Liebm.) Maxon
2610 *Zexmenia lantanifolia* (Schauer) Sch. Bip.
2611 *Valeriana albo-nervata* Robins
2612 *Polypodium guttatum* Maxon
2613 *Stachys parviflora* M. & G.
2614 *Cynanchum Kunthii* (Decne.) Standl.
2615 *Salvia regla* Cav.
2616 *Salvia regla* Cav.
2617 *Clematis Pitcheri* T.&G. var. *filifera* (Benth.) Hob.
2618 *Matelea Balbisii* (Decne.) Woods.
2619 *Eupatorium saltillense* Robinson
2620 *Heiracium jaliscoense* Rob. & Greenm.
2621 *Hedeoma quercetorum* Epl.
2622 *Brickellia hymenochlaena* Gray
2623 *Tagetes lucida* Cav.
2624 *Polygala buxifolia* HBK.
2625 *Galium uncinulatum* DC.
2626 *Pithecolobium compactum* Rose
2626a *Epidendrum conopseum* Jacq.
2627 *Gnaphalium* sp.
2628 *Polypodium lanceolatum* L. (typ.)
2629 *Asclepias setosa* Benth.
2630 *Nema propinquum* Morton & Hitchc.
2631 *Circium* sp.
2632 *Scleria oligantha* Michx.
2633 *Asplenium monanthes* L.

- 2634 *Epidendrum tenuissimum* Ames, Hubbard & Schweinfurth
2635 *Bletia purpurea* (Lam.) DC.
2636 *Pellaea ovata* (Desv.) Wenth.
2637 *Polypodium polypodioides* var. *Michauxianus* Wenth.

June 24, 1948 el. 1300 m. local as above.

- 2638 *Erigeron Karwinskianus* DC.
2639 *Phyllanthus polygonoides* Spreng.
2640 *Acacia Coulterii* Benth.
2641 *Thalictrum* sp.
2642 *Juglans mollis* var. *hirsuta* Manning
2643 *Polanisia uniglandulosa* (Cav.) DC.
2644 *Tilia floridana* Small
2645 *Salvia blepharophylla* Edg.
2646 *Euphorbia florida* Engelm.
2647 *Platanus occidentalis* var. *glabrata* (Fern.) Sarg.
2648 *Calyptocarpus vialis* Ness.
2649 *Spiranthes cinnabarina* (Lallevé & Lex.) Hemsl.
2650 *Chrysopsis villosa* (Pursh) Nut.
2651 *Asclepias angustifolia* Schweig.
2652 *Escagnia septentrionalis* (A. Juss.) Niedenzu
2653 *Zizyphus acuminata* Benth? ex char.
2654 *Clethra pringlei* S. Wats.
2655 *Croton monanthogynus* Michx.
2656 *Euphorbia dentata* Michx.
2657 *Lepidium lasiocarpum* var. *austrinum* (Small) C.L. Hitchc.
2658 *Pinguicula crenulata* DC. vel aff.
2659 *Carya Palmeri* Manning
2660 *Croton ciliate-glandulosus* Aiton.
2661

June 25

- 2662 *Philadelphus affinis* Schlecht.
2663 *Panicum transiens* Swallen
2664 *Russelia syringaeifolia* S. & G.
2665 *Bumelia lanuginosa* (Michx.) Pers.
2666 *Melothria scabra* Naud.
2667 *Matelea pilosa* (Benth.) Woods.
2668 *Canna edulis* Ker.
2669 *Ruellia nudiflora* var. *occidentalis* (Gray) Leonard
2670 *Stellaria cuspidata* Willd.
2671 *Erigeron Karwinskianus* DC.
2672 *Epigelia humboldtiana* C. & S.
2673 *Dyschoriste decumbens* (Gray) Kuntze
2674 *Arbutus xalapensis* HBK
2675 *Euphorbia caspensis* C. & S. vel aff.
2676 *Arenaria lanuginosa* Rohrb.
2677 *Argemone mexicana* L. var. *typica* Frain
2678 *Commelina coelestis* Willd.
2679 *Calliandra houstoniana* (Mill.) Standl.

June 27, el. 1310 m. habitat as above

- 2680 *Polypodium angustifolium* Sw.
2681 *Vernonia schaffneri* Gray
2682 *Sebastiania adenophora* Pax & E. Hoffm.
2683 *Brongniartia foliolosa* Benth.
2684 *Tillandsia Benthamsiana* Kl.
2685 *Verbina carolina* L.
2686 *Lantana horrida* HBK.

June 28, 1948, el. 1850, habitat as previously

- 2687 Eupatorium sp.
- 2688 *Manfreda revoluta* (Kl.) Rose
- 2689 *Polymnia maculata* Cav. var. *hypomalaca* Blake
- 2690 *Euphorbia chamaesula* Boiss.
- 2691 *Acalypha Langiana* Muell. Arg.
- 2692 *Cirsium pringlei* (S. Wats.) Petrak
- 2693 *Arracacia Schneideri* Math. & Const.
- 2694 *Tilia floridana* Small
- 2695 *Polygala longa* Blake
- 2696 *Phacelia pulcherrima* Const.
- 2697 *Cooperia pedunculata* Herb.
- 2698 *Andropogon saccharoides* Swartz
- 2699 *Sedum parvum* Hemsley
- 2700 Eupatorium sp.
- 2701 *Cornus disciflora* DC.
- 2702 *Stellaria cuspidata* Willd.
- 2703 *Conophilis mexicana*
- 2704 *Ceanothus ferox* Standl.
- 2705 *Senecio tolucanus* var. *modestis* Schz. Bip.
- 2706 *Stevia pilosa* Lag. f. *puberula* (DC) Rob.
- 2707 *Perezia* sp.

~~2708x~~

June 30, 1948 & el. 1550, local as above

~~2708x~~

- 2708 *Vaccinium* (Camp says in *Polycopodium* group, but gives it no name)
- 2709 *Tillandsia Parryi* Bak.
- 2710 *Helianthus leptocaulis* (Wats.) Blake
- 2711 *Polypodium Martensii* Mett.
- 2712 *Dalea submontana* Rose vel aff.
- 2713 *Sida procumbens* Sws.?
- 2714 *Cosmos crithmifolius* HBK
- 2715 *Canavalia* sp.

July 1, 1948, rocky slopes, el. 1650 m.

- 2716 *Stevia berlandieri* Gray
- 2717 *Monarda fistulosa* L.
- 2718 *Salvia Farreri* Greene
- 2719 *Rosa carolina* L.
- 2720 *Ascyrum hypericoides* L. *Ascyrum hypericoides* L. var. *multicaule* Fern.?
see Wilbur Dawson on this.
- 2721 *Desmodium* sp.
- 2722 *Phaseolus lunatus* L. vel aff.
- 2723 *Xolisma* (*Andromeda*) *squamulosa* (Mart. & Gal.) Small
- 2724 *Crotalaria maypurensis* HBK.
- 2725 *Crotalaria Purshii* DC vel aff.
- 2726 *Malaxis* aff. *brachyrrhynchos* (Reichb.f.) Ames
- 2727 *Conyza sophiaefolia* HBK.
- 2728 *Plantago floccosa* DC
- 2729 *Clitorea mariana* L.
- 2730 *Acacia angustissima* (Mill.) Etze
- 2731 *Borreria laevis* (Lam.) Griseb.
- 2732 *Zexmenia hispida* (HBK) Gray
- 2733 *Asclepias tuberosa* L. ssp. *interior* Woods.
- 2734 *Asclepias Pringlei* Greene. vel aff.
- 2735 *Rhus lanceolata* (Gray) Britton
- 2736 *Asclepias linaria* Cav.
- 2737 *Asclepias glaucescens* HBK.
- 2738 *Phytolacca octandra* L.
- 2739 *Geranium crenatifolium* Moore

- 2740 *Pinus teocate* Schl. & Cham.
2741. *Asclepias angustifolia* Schweig.

July 12, 1948, el. 1690 m. local above

- 2742 *Phaseolus obvallatus* Schl.
2743 *Oxalis albicans* HBK.
2744 *Pothievia ephippium* Reichb. f.
2745 *Cobaea bicurita* Standley
2746 *Taxus globosa* Schlecht.
2747 *Dahlia* sp.
2748 *Cooperia pedunculata* Herb.
2749 *Tigridia Pavonia* Ker
2750 *Silene laciniata* Cav.
2751 *Senecio lithophilus* Greenm. n. sp.
2752 *Carpinus caroliniana* Walt.
2753 *Cirsium* sp.
2754 *Cosmos diversifolius* Otto
2755 *Anthericum stenocarpum* Baker
2756 *Macromeria barbifera* Johnston
2757 *Stachys puberula* Fern.
2758 *Covenia utriculata* (Sw.) Lindl.
2759 *Euphorbia bififormis* S. Wats.
2760 *Arenaria alsinoides* var. *angustifolia* S. Wats
2761 *Pinguicula caudata* Schlecht.
2762 *Pinguicula* sp.
2763 *Crataegus baroussana* Eggleston vel aff.
2764 *Hypoxis decumbens* L.
2765 *Pilea microphylla* Liebm.
2766 *Erigeron maximus* Otto
2767 *Ageve striata* Zucc.?

~~2768~~

July 14, 1948, local & el. as above

- 2768 *Smilax spinulosa* Mill.
2769 *Vicia humilis* HBK vel aff.
2770 *Rhamnus betulaeifolia* Greene
2771 *Erigeron* sp.
2772 *Cornus excelsa* HBK.
2773 *Saracha procumbens* (Cav.) R. & P.
2774 *Clematis grossa* Benth.
2775 *Onosmodium unicum* Macbr.
2776. *Schoenocaulon texanum* Scheele
2777 *Cyclanthera naudiniana* Cogn.
2778 *Bromus mayeri* Swallen
2779 *Scutellaria fruticetorum* Epl. n. sp.
2780 *Allium glandulosum* Link & Otto
2781

July 15, 1948 same as above

- 2782 *Woodwardia fimbriata* Sm. ex Rees
2783 *Senecio tampicanus* DC
2784 *Scutellaria fraxinea* Epl. n. sp.
2785 *Cardamine auriculata* Wats.
2786 *Croton* sp.
2787 *Lactuca canadensis* L.
2788 *Brickellia oliganthes* (Less.) Gray
2789 *Orthrosanthus chimboracensis* (HBK) Baker

July 16, 1948, el. 1500 m. local as above

- 2790 Agave Lechuguilla Torr.
- 2792 Agave sp.
- 2793 Magnolia Schiedeana Schlecht.
- 2794 Calanthe mexicana var. retusa Corell.
- 2795 Dichondra argentea Willd.
- 2796 Prunus serotina Ehrh.
- 2797 Hexalectris grandiflora (A. Rich. & Gal.) L.O. Wms.
- 2798 Ipomeea longepedunculata (M.&G.) Hemsl.

July 18, 1948 el. 1500 m.

- 2800 Liquidambar styraciflua L.
- 2800 Senecio aschenbornianus Schauer
- 2801 Helianthus leptocaulis (Wats.) Blake
- 2802 Pinus patula Schl. & Cham.
- 2803 Taraxacum sp.
- 2804 Cestrum aff. nitidum

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July 19, local & el as above

- 2805 Ilex rubra Wats.
- 2806 Elaphoglossum araneosum (Eaton) C. Chr.
- 2807 Capsicum mexicanum (Rob.) Standl.
- 2808 Polypodium aureum L.
- 2809 Toxicodendron radicans (L.) Kuntze
- 2810 Clitoria polystachya Benth.
- 2811 Victoria filifolia Fee
- 2812 Tradescantia (Tinantia) Pringlei Wats.
- 2813 Chenopodium ambrosioides L.
- 2814 Amaranthus Powellii S. Wats.
- 2815 Pyrrhopappus multicaulis DC.
- 2816 Heimia salicifolia (HBK) Link
- 2817 Smilax glauca Walt.
- 2818 Sorghum sp.
- 2819 Zea mays

July 20, el. 1700 m.

- 2820 Salvia blepharophylla Edg.
- 2821 Commelina elegans HBK.
- 2822 Pentstemon barbatus (Cav.) Roth
- 2823 Lepechinia Schiedeana (Schlecht.) Vathe
- 2824 Leportis canadensis (L.) Caud. vel aff.
- 2825 Triphora trianthophora (Sw.) Rydb.
- 2826 Prunella vulgaris L.
- 2827 Aplopappus bartlettii Blake
- 2828 Melampodium montanum Benth.
- 2829 Carrya aff. glaberrima
- 2830 Cornus disciflora DC
- 2831 Eupatorium
- 2832 Arisema Dracontium (L.) Schott.
- 2833 Botrychium ciccutarium (Sw.) Sw.

July 24, 1948, Santa Engracia, 40 mi. NW of Ciudad Victoria, along margins of irrigation reservoir, el 240 m.

- 2834 *Cephalanthus salicifolius* HBK.
- 2835 *Pithecelobium flexicaulis* (Benth.) Coulter
- 2836 *Argemone mexicana* L. var. *typica* Prain
- 2837 *Citrus aurantium* L.
- 2838 *Pithecelobium brevifolium* Benth.
- 2839 *Hamatocactus hamatocanthus* (Muehlenp.) Borg.
- 2840 *Mamillaria multiceps* Salm-Dyck
- 2841 *Lemniscocereus griseus* (Haworth) B. & R.
- 2842 *Jussiaea suffruticosa* var. *ligustrifolia* (HBK) Griseb.
- 2843 *Cryptostegia grandiflora* (Roxb.) R. Br.
- 2844 *Heteranthera dubia* (Jacq.) MacK.
- July 29, 1948, Storm's Ranch, 55 mi. south of C. Victoria, near Panamerican Highway., el. 200 m.

- 2845 *Pilea glabra* Wats.
- 2846 *Phyllanthus adenodiscus* Muell. Arg.
- 2847 *Epidendrum cochleatum* L.
- 2848 *Ripsalis cassutha* Gaertn.
- 2849 *Cipura paludosa* Aubl.
- 2850 *Inga spuria* H. & B. ex Willd.
- 2851 *Piper berlandieri* C. DC.
- 2852 *Tabernaemontana alba* Miller
- 2853 *Randia aculeata* L.
- 2854 *Parathesis serrulata* (Swartz) Mez.
- 2855 *Chiococca alba* (L. Hitch.
- 2856 *Matelea obovata* (HBK) Woods.
- 2857 *Gonolobus niger* R. Br.
- 2858 *Sicydium tannifolium* (HBK) Cogn.

August 1, 1948, same as 2845

- 2859 *Prestonia mexicana* C. DC.
- 2860 *Dryopteris tetragona* (Sw.) Urban
- 2861 *Peperomia magnoliifolia* C. DC.
- 2862 *Campelia sanonia* HBK.
- 2863 *Triopogandra* aff. *amplexicaulis* (Kl.) Woods.
- 2864 *Carica papaya* L.
- 2865 *Begonia Franconis* Liebm.
- 2866 *Psychotria pubescens* Sw. vel aff.
- 2867 *Pseuderanthemum alatum* (Nees) Radlk.
- 2868 *Epidendrum* aff. *nocturnum* Jacq.
- 2869 *Epidendrum* sp.
- 2870 *Syngonium podophyllum* Schott.
- 2871 *Beaucarnea inermis* (Wats.) Rose--Canyon Abre 10 mi. S. Mante, Tamps.

Aug. 8, 1948 Dulces Nombres, Nuevo Leon, el. 2000 m.

- 2872 *Escheveria strictifolia* A. Gray
- 2873 *Ageratum corymbosum* Zucc.
- 2874 *Mentzelia hispida* Willd.
- 2875 *Dalea* sp.
- 2876 *Buddlea parviflora* HBK.
- 2877 *Vernonia obtusa* (Gleason) Blake
- 2878 *Cuscuta Purpusii* Yuncker
- 2879 *Lamourouxia rhinanthifolia* HBK.
- 2880 *Zexmenis lantanifolia* (Schauer) Sch. Bip.
- 2881 *Dahlia* sp.
- 2882 *Nothalaena cretacea* Liebm.
- 2883 *Randia Pringlei* Gray

- 2941 *Urtica chamaedryoides* Pursh.
- 2942 *Ilex tolucana* Hemsl.
- 2943 *Vitis tiliifolia* Hußb. & Bonpl.
- 2944 *Abies mexicana* Martínez

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Aug. 12, 1948, 8 km. east Dulces Nombres, el 1862 m.

- 2945 *Ferocactus echidne* (DC) B. & R.
- 2946 *Gaudichaudia filipendula* Juss.
- 2947 *Bidens* sp.
- 2948 *Verbesina persicifolia* DC.
- 2949 *Salvia Pennellii* Epl.
- 2950 *Salvia Keerlii* Benth.
- 2951 *Heterotheca inuloides* Cav.
- 2952 *Baccharis bigelovii* Gray
- 2953 *Manubium vulgare* L.
- 2954 *Asarina barclaiana* (Lindl.) Pennell
- 2955 *Solidago* sp.
- 2956 *Oenothera* (*Hartmannia*) *tetraptera* Cav.

August 13, 1948, 5 km. E. Dulces Nombres, el 1600 m.

- 2957 *Ilex tolucana* Hemsl.
- 2958 *Leucaena pulverulenta* (Schlecht) Benth
- 2959 *Rhynchosia longeracemosa* Mart. & Gal.
- 2960 *Fraxinus cuspidata* Torr.
- 2961 *Thouinia villosa* DC.
- 2962 *Cassia Lindheimeriana* Schiele
- 2963 *Peperomia blanda* HBK.
- 2964 *Bauhinia uniflora* S. Wats. vel aff.
- 2965 *Tripsacum lanceolatum* Rup.

west of

Aug. 16, 1948 18 km. W. Dulces Nombres, el. 2100 m.

- 2966 *Archibaccharis serratifolia* (HBK) Blake

Aug. 18, 1948, summit of Cerro del Viejo, el. 3330 m. 20-25 km. W. Dulces Nombres, Nuevo Leon.

- 2967 *Arenaria decussata* Willd.
- 2968 *Solanum* sp.
- 2969 *Arctostaphylos pungens* HBK.
- 2970 *Aracacia Meyeri* Math. & Const. n. sp.
- 2971 *Halenia plantaginea* (HBK) Griesb.
- 2972 *Sedum avitum* Clausen (Unpublished)
- 2973 *Ceanothus divaricatus* Nutt.
- 2974 *Senecio orizabensis* Scha.-Bip.
- 2975 *Cirsium* cf. *pinetorum* Greenm.
- 2976 *Bromus densus* Swallen n. sp.
- 2977. *Festuca pinetorum* Swallen n. sp.
- 2978 *Brachypodium pringlei* Scribner
- 2979 *Senecio loratifolius* Greenm.
- 2980 *Salvia microphylla* Kunth.
- 2981 *Salvia unicostata* Fern.
- 2982 *Eupatorium longipes* Gray
- 2983 *Euphorbia campestris* C. & S.
- 2984 *Draba Helleriana* Greene var.?
- 2985 *Linum Lewisii* Pursh.
- 2986 *Astragalus* aff. *Pringlei* Wats.
- 2987 *Pentstemon* sp.
- 2988 *Grindelia microcephala* DC.
- 2989 *Valeriana scorbifolia* HBK. var. *barbareaefolia* (Mart. & Gal.) FG Meyer
- 2990 *Sisyrinchium serrulatum* Bicknell
- 2991 *Eryngium crassicaquosum* Hemsl.

- 3051 Zea Mays el 1800 m.
3053 Salix jaliscana Jones vel aff.
3054 Cosmos diversifolius Otto
3055 Begonia gracilis HBK va.
3056 Cornus disciflora DC.
3057 Adiantum spp.
3058 Juniperus monosperma Sarg. var. gracilis Martinez
3059 Quercus affinis Schwid.
3060 Quercus omissa A. DC. vel aff.
~~3061 Quercus affinis Schwid.~~

Aug. 25, 1948 6 mi. e. Dulces Nombres, el. 1700 m.

- 3061 Schaefferia frutescens Jacq.
3062 Acacia micrantha Benth.
3063 Lantana achyranthifolia Desf.
3064 Cardiospermum halicacabum L.
3065 Ecastropis bicolor (Zucc.) Radlk.
30 66 Dippea cornifolia Benth. vel aff.
3067 Masecagnia lilacina (Wats.) Niedenzu
3068 Quercus cupreata Trel. & Muell.
3069 Ungnadia speciosa Endl.
3070 Cornus Urbiniiana Rose
3071 Euphorbia Francosana Boiss.
3072 Matelea Rogersii Woods. n. sp.
3073 Tradescantia (Tinantia) Pringlei Wats.
3074 Indigofera thibaudiana DC.
3075 Quercus polymorpha Cham. & Sch.
3076 Quercus rysophylla Weatherby
3077 Sanvitalia ocyroides DC. -----el. 2075 m.
3078 Stevia serrata Cav.
3079 Zinnia multiflora L.
3080 Quercus pabillensis C.H. Muell.
3081 Agave expansa Jacobi?
3082 Asclepias tuberosa ssp. interior Woods.--1800 m.
3083 Grindelia Robinsonii Steyermark
3084 Parthenocissus quinquefolia (L.) Planch.
3085 ~~xxxxxx~~ MacDougliaiana Rose (Opuntia)
3086 Opuntia robusta Wendland
3087 Pinus pseudostrobus Lindl. var. stavesi Martinez
3088 Cyrtopodium sp.

3088ss

September 1, 1948 Storms Ranch, 55 mi. s. C. Victoria.

- 3089 Hura polyandra--cult.
Sept. 2, 1948-- near Dulces Nombres, el 1890 m.
3090 Pteris cretica L.
3091 Zeugites mexicana (Kunth.) Tr.
3092 Muhlenbergia distichophylla (Presl) Knth.
3093 Crataegus barousana Eggleston ex char.
3094 Amicia sygomeris DC.
3095 Cales scabrifolia (Log.) Rob.
3096 Quercus clivicala Trel. & Muell.
3097 Quercus vexans Trel.
3098 Eryngium Hemslayanum H. Wolff
3099 Quercus affinis Schweidw.
3100 Memillaria Pringlei (Coul.) Brandg.
3101 Llavea cordifolia Log.
3102 Asclepias Pringlei Grenn. vel aff.
3103 Spiranthes aurantiaca (Llave & Lex.) Hemsl.
3104 Dicon edule--Mirador, Tamps., 30 Km. w. of Adelaide, el. 1090 m.

September 5, 1948 along road from C. Victoria to Jaumave, Tamps.

- 3105 *Dodonaea viscosa* Jacq.
- 3106 *Astrophytum myriostigma* Lemaire - Jaumave valley
- 3107 *Echinocereus acifer* (N) (Otto) Lemaire
- 3108 *Mamillaria candida* Scheidw.
- 3109 *Mamillaria rosco-alba* Boedeker
- 3110 *Echinofassuolocactus multicosatus* (Heldmann) B.&R.
- 3111 *Coryphantha Jaumavi* Fric
- 3112 *Selaginella Sartorii* Hieron.--on serpentine?outcrops
- 3113 *Neolloydia conoidea* (DC) B. & R.
- 3114 *Obregonia Denegrii* Fric
- 3115 *Ariocarpus trigonus* E. Schumann
- 3116 *Coryphantha daemoneceras* Lemaire
- 3117 *Opuntia imbricata* (Haworth) DC.
- 3118 *Echinocactus Palmeri* Rose
- 3119 *Perocactus echidne* (P.DC.) B. & R.
- 3120 *Opuntia microdasys* (Lehmann) Pfeiffer
- 3121 *Mamillaria hemisphaerica* Engelm.
- 3122 *Opuntia stenopetala* Engelm.
- 3123 *Myrtillocactus geometrizans* Console

s.n. *Tricholaena rosea* Nees--Roadside, San Luis Potosi, bet. C. Valles and Tampico, Tamps, Aug. 8, 1948