

Frontera July 4th 1851

Cot J. D. Graham Head of the Scientific Corps of the  
United States Boundary Commission.

Sir

I herewith enclose an enumeration of botanical specimens, collected by me for description, on the march from San Antonio to El Paso when not occupied by other duties which specimens are accompanied by numbers corresponding with those in the inclosed enumeration

Charles Wright  
Ass. Computer to the Head of  
the Scientific Corps

May - June 1851

Texas

Medina Co.

Woods

Kinney

Ball Woods

Crockett

Texas

Jeff Davis

Ludovick

El Paso

No	Names	Locality	Remark &c.		
No	<del>Remarks</del>	<del>Locality</del> &c.			
1	Bougainvillea	Roadside	Stony prairie	Castroville - Sabinal indigenous	May 9
2	Sidaea	Prairies		" "	" 11
3	Morus	Hills	4-8ft high much	branching " "	" "
4	Gramineae	Prairies		" "	" "
5	<del>Acacia</del> Solanaceae	Banks of streams	Quiki	Fl. light purple	" "
6	Agave	Rocky hills on the	Hondo do	Fl. wh. with a tinge of yellow	" "
7	Euphorbiaceae	Gravelly banks of the	Sabinal		" 12
8	Vesicaria	"	" " " "	" "	" "
9	Ptelea	Banks of the	Sabinal	2-3ft high	" "
10	Momosa	Prairies from	Hondo - Sabinal	2ft high forming <sup>spruce thickets</sup>	" "
11	Malva	Margin of thickets	" " "	" "	" "
12	Lesia nutans	Mesquit thicket on	Comanche creek		" "
13	Euphorbiaceae	Gravelly hills	Hondo - Sabinal		" "
14	Dipterocanthus	Prairies	" " "	" "	" "
15	Compositae	"	" " "	" "	" "
16	Mouva	"	" " "	Root tuberous	" "
17	Euphorbia	Thickets	" " "	" "	" "
18	Gaillardia	Hills of the	Hondo		" "
19	Euphorbiaceae	" " " "	" " "	" "	" "
20	Pentstemon	Banks of the	Hondo		" "
21	Euphorbia	Prairies	Hondo - Trio		" 13
22	Oenothera	Declivities of the	Sabinal		" "
23	Malpighia	" " " "	" " "	" "	" "
24	Yucca tortif.	" " " "	" " "	" "	" "
25	Daylilion?	" " " "	Among rocks		" "
26	Physalis	Roadside	Hondo - Trio	Much branched from the root Fl. purple	" "
27	Compositae	Prairies	" " "	Fl. light purple	" "

No	Name	Locality	Remarks &c	Date	No	Name	Locality	Remarks &c	Date
28	Tridacanth	Prairies	Flowers - Fruit very smooth & glaucous	May 13	56	Euphorbiaceae	Rich prairies	Leona - Nueces	May 13
29	Asclepias	Climbing on bushes	Flowers - Fruit	" "	57	"	"	"	"
30	Yucca filum?	Prairies	" " "	"	58	Aphora	"	"	"
31	Scutellaria	"	near the Sabinal	"	59	Senecio	Pebbly bars of the Nueces	"	"
32	Euphorbiaceae	"	" " " "	"	60	Euphorbia	"	"	"
33	Micromeria	Sabinal	- Fruit	"	61	Phlox	"	"	"
34	Rutosma	Stony prairies of the Sabinal	Not rare	"	62	<del>Scrophulariaceae</del> Bignoniaceae	"	"	"
35	Linum	Crevices of rocks on the Sabinal		"	63	Salix	"	"	"
36	Meimosa	Pebbly bars of the <sup>3</sup> Fruit - much branching from the roots	4-6 ft high	"	64	Graphalium	Sandy	"	"
37	Cucurbitaceae	Mesquit thickets	Fruit - Leona Dissectious	" 14	55	<del>Liliaceae?</del> Agave?	Stony hills west of the Nueces	2-4 ft high	?
38	Meimosa	Prairies - Leona	A large spreading bush 4-10 ft high	"	66	Compositae	"	"	"
39	Euphorbia	"	Fruit - Leona Many stems from the same roots	"	67	berberaceae	Prairies	Turkey Creek - Elm Cr.	16
40	Vesicaria	Mesquit prairies	Fruit - Leona	"	68	Dipterocarthus	"	"	"
41	Gramineae	Prairies of the Leona	In large dense bunches	"	69	Compositae	"	"	"
42	Actinella	"	" " " "	"	70	Leguminosae	"	"	"
43	Euphorbiaceae	"	" " " "	"	71	Fragia	"	"	"
44	Gramineae	"	" " " " In large dense bunches	"	72	Gramineae	"	"	"
45	"	"	" " " " In small bunches	"	73	<del>Abutilon</del> Physocarpus	"	"	"
46	"	"	" " " " " " dense bunches	"	74	Euphorbiaceae	"	"	"
47	"	"	" " " " " " " "	"	75	Hedyotis	Limeston prairies on	"	and onward
48	"	"	" " " " " " " "	"	76	Kyrtagimaceae	High (rocky limestone) prairies	Turkey C. - Elm Cr.	"
49	"	"	" " " " " " large "	"	77	Hoffmannseggii	"	"	"
50	Compositae	"	" " " "	"	78	Kyrtagimaceae	"	"	"
51	"	Sand-bars of the Nueces		" 15	79	Lobelia	Margin of Elm Creek		"
52	Coreopsis	Prairies of the Leona - Nueces		"	80	Asclepias	High rocky (limestone) prairies	Turkey C. - Elm Cr.	"
53	Umbelliferae	"	" " " "	"	81	Vesicaria	"	"	"
54	Compositae	Stony prairies	" " "	"	82	Compositae	"	"	"
55	Euphorbia	Rich prairies	" " "	"	83	Polygala	Edge of thickets on Elm Creek and onward	the San Pedro	common

No	Name	Locality	Remarks	Date
84	Boraginaceae	Rocky prairie of Elm or Chicow Creek		May 16
85	Proserpinaca	Margin of Elm or Chicow Creek		" "
86	Chara	" " " " "		" "
87	Alga	" " " " "		" "
88	—	Stony prairie Chicow Ck — Piedra Pinta Creek		" 17
89	Basilaria	" " " " " " "		" "
90	Apocynaceae	" " " " " " "		" "
91	Zinnamaria	" " " " " " "		" "
92	Euphorbia	" " " " " " "		" "
93	Aspicarpa	" " " " " " "		" "
94	Passiflora	" " " " " " "		" "
95	Anastolochia	" " " " " " "		" "
96	Malvaceae	" " " " " " "		" "
97	Cactaceae	" " " " " " "		" "
98	Compositae	Alluvial prairie " " " "		" "
99	Abutilon	Stony prairie Chicow Ck.		" "
100	Scutellaria	" " " " " " "		" "
101	Micromeria	" " " " " " "		" "
102	Characeae	Head of the Los Moros		" "
103	Euphorbia	Stony prairie Chicow Creek — Piedra Pinta		" "
104	Castilleja	Alluvial soil on Piedra Pinta		" "
105	Scrophulariaceae	" " " " " " "		" "
106	Malvaceae	" " " " " " "		" "
107	Verbena	" " " " " " "		" "
108	Gilia	" " " " " " "		" "
109	Abutilon	" " " " " " "		" "
110	Boraginaceae	" " " " " " "		" "
111	Astragalus	" " " " " " "		" "

No	Name	Locality	Remarks	Date
112	<sup>R. regulans</sup> Echinosomni	In Piedra Pinta Creek		May 17
113	Hoffmannseggia	Stony prairies Piedra Pinta	Zoquele Creek = ???	" 18
114	Dipteracanthus	Alluvial " " " " " "		" "
115	Leguminosae	Stony " " " " " "	much branching & spreading shrub 2-4 ft high	" "
116	Compositae	" " " " " "	on Zoquete Creek	" "
117	Boraginaceae	" " " " " "		" "
118	Chara	In Zoquete Creek or Mavericks C.		" "
119	Scirpus	" " " " " "		" "
120	"	" " " " " "		" "
121	"	Margin " " " " " "		" "
122	Guzni	Stony prairies Piedra Pinta	Zoquele Creek	" "
123	Scirpus	In Zoquete Creek		" "
124	<sup>Gusmatiacum</sup> Galium	Alluvial prairies of Zoquete Creek		" "
125	Rivina	Thickets of Zoquete C.		" "
126	Mimosa	Stony prairies Zoquete C. — San Felipe		" 19
127	Gaura	" " " " " "		" "
128	Scrophulariaceae	Pebbly bed of a creek between Piedra Pinta & San Felipe		" "
129	Salvia	" " " " " " " " " "		" "
130	Euphorbiaceae	" " " " " " " " " "		" "
131	Malpighiaceae	" " " " " " " " " "		" "
132	Cassia	Stony prairies Zoquete C. — San Felipe		" "
133	Gramineae	" " " " " " " " " "		" "
134	Euphorbia	" " " " " " " " " "		" "
135	Loasaceae	" " " " " " " " " "	on San Felipe C.	" "
136	— ?	" " " " " " " " " "	much branched from the root	" "
137	Compositae	" " " " " " " " " "		" "
138	Chrysopsis	" " " " " " " " " "		" "

No	Name	Locality	Remarks &c
139	Hymenatherum	Stony prairies on San Felipe Creek	
140	Dalea	" " " " " "	Much branched 1-2 ft high
141	Boraginaceae	Alluvial bottoms of " " " "	
142	Prunus	Stony hills of San Felipe Co.	
143	Asclepiadaceae	" " " " " "	
144	Physalis	" " " " " "	
145	Micromeria	" " " " " "	
146	"	" " " " " "	
147	Plantago	" " " " " "	
148	"	" " " " " "	
149	Compositae	" " " " " "	
150	"	" " " " " "	
151	Peruvia	" " " " " "	
152	Sidalcea	Alluvial prairies of the San Felipe	
153	Nyctaginaceae	Stony hills of the San Felipe	
154	Septemnerium	Alluvial prairies & thickets of the San Felipe Co.	
155	Liliaceae	Stony hills of the San Felipe	
156	Umbellifer	" " " " " "	
157	"	" " " " " "	
158	Cuscuta	" " " " " "	
159	Ambrosia	Alluvial prairies of the San Felipe	
160	Linum	Stony hills of the " "	
161	Scrophulariaceae	" " " " " "	
162	Psoralea	" " " " " "	
163	Halea	" from San Felipe - San Pedro	
164	Nyctaginaceae	" " " " " "	
165	Euphorbia	High cliffs of the San Pedro	
166	— ?	Stony prairies San Felipe - San Pedro 1-2 ft high	

Date	No	Name	Locality	Remarks &c	Date
May 20	167	— ?	Stony prairies San Felipe - San Pedro	2-3 ft high	May 21
" "	168	Nyctaginaceae	" " "	at camp in big bend of the San Pedro	" "
" "	169	Pentstemon	Rocky bluffs	" " " " " "	" "
" "	170	Euphorbia	" " " " " "	" " " " " "	" "
" "	171	Opuntia	" " " " " "	" " " " " "	" "
" "	172	Erythraea	" " " " " "	" " " " " "	" "
" "	173	Yucca	Hills in the big bend of the San Pedro	3-4 ft high	" 22
" "	174	Hymenatherum	" " " " " "	2-3 ft high	" "
" "	175	Yucca	" " " " " "	3-4 ft high	" "
" "	176	Euphorbia	Prairie in the	" " " " " "	" "
" "	177	Nyctaginaceae	" " " " " "	" " " " " "	" "
" "	178	Asclepiadaceae	" " " " " "	" " " " " "	" "
" "	179	Hoffmannseggia	Stony hills in	" " " " " "	" "
" "	180	Compositae	" " " " " "	" " " " " "	" "
" "	181	Euphorbia	" " " " " "	" " " " " "	" "
" "	182	Aprocytaceae	Rocky hills	" " " " " "	" "
" "	183	Boraginaceae	" " " " " "	" " " " " "	" "
" "	184	Houquaia	" " of the San Pedro	" " " " " "	" 23
" "	185	Callistoch	Bottom of the San Pedro	" " " " " "	" "
" "	186	"	" " " " " "	" " " " " "	" "
" "	187	Cypripis	Margin of the San Pedro	" " " " " "	" "
" "	188	Sida	Bottom	" " " " " "	" "
" "	189	— ?	" " " " " "	" " " " " "	" "
" "	190	— ?	" " " " " "	" " " " " "	" "
" 20	191	Tanacetum	" " " " " "	" " " " " "	" "
" "	192	Cucurbita	" " " " " "	no 199 <u>Certainly monocious</u> Pl. Lindl. x	" "
" "	193	Opuntia	Rocky hills of the San Pedro	" " " " " "	" "
" "	194	Sida	" " " " " "	" " " " " "	" "

No	Name	Locality	Remarks	Date
195	— ?	Rocky hills of the San Pedro	Fl. white	May 23
196	Compositae	"	" " " " " "	" "
197	Gymnanthemum	"	" " " " " "	" "
198	Leguminosae	"	" " " " " " Acacia Roemeriana?	" "
199	"	"	" " " " " " Mimosa foggeana?	" 24
200	Paronychia	"	" " " " " "	" "
201	Gilias	Hills of the San Pedro		" "
202	Specularia	"	" " " " " "	" "
203	Gramineae	Bottom of the San Pedro		" 25
204	"	"	" " " " " "	" "
205	Citis	Pebbley bottoms of the San Pedro		" "
206	Rhus	"	" " " " " "	" "
207	Compositae	crevices of rocks Hills of the San Pedro		" "
208	— ?	Bottom of the San Pedro		" 26
209	Gramineae	"	" " " " " "	" "
210	Lepachys	"	" " " " " "	" "
211	Clematis	"	" " " " " " Climbing 6-10 ft	" "
212	Zygophyll.	"	" " " " " "	" "
213	Riddellia	"	" " " " " "	" "
214	Viola	Shady	" " " " " "	" "
215	Psoralea	Rocky hills of the San Pedro		" "
216	Crocopsis	"	" " " " " "	" "
217	"	"	" " " " " "	" "
218	Verbena	"	" " " " " "	" "
219	Umbelliferae	"	" " " " " "	" "
220	Compositae	"	" " " " " "	" "
221	Cassiopeum	bottom of the San Pedro		" 27
222	Corynephorum	Pebbley bas of the San Pedro		" "

No	Name	Locality	Remarks &c	Date
223	Gymnocarpus	Alluvial	bottom of the San Pedro	May 27
224	"	"	" " " " "	" "
225	"	"	" " " " "	" "
226	"	"	" " " " "	" "
227	"	"	" " " " "	" "
228	Monarda	Hills beyond the San Felipe		" "
229	Gymnocarpus	"	" " " " "	" "
230	Euphorbia	"	" " " " "	" "
231	Echinocereus	Rocky hills beyond the San Pedro		" "
232	Verbena	"	" " " " "	" 28
233	"	"	" " " " "	" "
234	Convolvulus	"	" " " " "	" "
235	C. operis	"	" " " " "	" "
236	Potamogeton	Howard creek		" "
237	"	"	" " " " "	" "
238	Compositae	Pebbly bed of Howard creek		" "
239	Juncus	Margin of	" "	" "
240	Erigeron	Pebbly bed	" " "	" 29
241	Rhamnus?	Prairie Howard creek - Live oak creek	High 1-2 ft	" "
242	Compositae	"	" " " " "	" "
243	Cuscuta	"	" " " " "	" "
244	Compositae	"	" " " " "	" "
245	"	"	" " " " "	" "
246	Cissium Cnicus	"	" " " " "	" "
247	Cucurbitaceae	Rocky banks of Howard creek		" "
248	Bolivian	Pebbly bed of Howard creek		" "
249	<del>Cyperus</del> Cyperus canter	Valley of Howard creek		" "



No	Name	Locality	Remarks &c	Date
250	Cooperia	valley of <del>Howard</del> Live-oak creek		May 29
251	Polygala	" " "	"	" 30
252	Cyperaceae	Margin "	"	" "
253	Lepidium	Valley "	"	" "
254	Castilleja	" "	" Yellow var. alone seen	" "
255	Galium	" "	" light yellow fl. & narrower leaves near <i>Sauraustracum</i> with	" "
256	Scirpus	Margin of Live-oak creek		" "
257	Erigeron	Valley "	"	" "
258	Polygala	Herbs "	"	" 31
259	Geranium	" "	"	" "
260	Leguminosae	" "	"	" "
261	Lythralium	Valley of the Pecos		" "
262	Compositae	" "	"	" "
263	Asclepias	" "	"	" "
264	Dichondra	" " " " In live-oak groves		" "
265	Scirpus	Margin "	"	" "
266	Oenothera	Stony hills of the Pecos near <i>C. serrulata</i>	Sabinal - Pecos	" "
267	Pentstemon	" " " " " Fl blue-purple		" "
268	Astragalus	Fl " " " " Fl yellow		" "
269	Guillardia	" " " " "		" "
270	Asclepias	" " " " "		" "
271	Sida	" " " " "		" "
272	Zinnia?	" " " " "		" "
273	<i>G. arborescens</i>	Alluvial soil - valley of the Pecos		" "
274	Asclepias	" " " " "		" "
275	Lythrum	Stony hills of the Pecos		June 1
276	Myrtacaceae	Stony hills " " " " Fl white		" "
277	Panicum	High rocky hills of the Pecos		" "

No	Name	Locality	Remarks &c	Date
278	Euphorbia	High stony hills of the Pecos		June 1
279	Asclepias	" " " " "		" "
280	Veronica	" " " " "		" "
281	Galium	High rocky " " " "		" "
282	Myrtacaceae	" " " " "		" "
283	Compositae	" " " " "		" "
284	Filix	" " " " "		" "
285	Lygodesmia	" stony " " " "		" "
286	Plantago	" " " " "		" "
287	Filix	" " " " "		" "
288	"	" " " " "		" "
289	Gramineae	Banks of the Pecos		" 2
290	"	" " " " "		" "
291	Indigofera	Pebbly bed of a small tributary of the Pecos		" "
292	Compositae	Valley of the Pecos Alluvial soil		" "
293	Bouteloua?	" " " " " Stony prairie		" "
294	Hoffmannseggia	" " " " " Stony prairie floor a woody tuber		" "
295	"	" " " " " Alluvial soil near the river		" "
296	<i>Heliotropium</i>	" " " " " Stony hills		" "
297	<i>Myrtacaceae</i>	" " " " "		" "
298	<i>radiosa</i>	" " " " " Alluvial soil		" "
299	Compositae	" " " " " Stony hills 2-4 ft high-branched		" "
300	Dalea	" " " " "		" "
301	Oenothera	" " " " " prairie of the river		" "
302	Compositae	" " " " " In dense patches along the margin		" "
303	Gramineae	" " " " " In alluvial soil		" "
304	Euphorbia	" " " " "		" "
305	Trigonum	" " " " " On stony hills		" "

No	Names	Locality	Remarks &c	Date
306	Physalis	Valley of the Pecos	sides of rocky hills	Jan 2
307	Hymenocallis	" " " "	" " summits of rocky hills	" "
308	Abutilon	" " " "	" " " "	" "
309	Scrophulariaceae	" " " "	" of rocky hills	" "
310	Bolivaria	" " " "	" " " "	" "
311	Desmanthus	" " " "	" " " "	" "
312	Scutellaria	" " " "	" " " "	" "
313	Misomeris	" " " "	" " " "	" "
314	Gramineae	" " " "	" " " "	" "
315	Sida	" " " "	" " " "	" "
316	Centaurea	" " " "	" " summits of rocky hills	" "
317	Mimosa	" " " "	" of rocky hills	" "
318	Sphaeralcea	" " " "	Alluvial soil	" "
319	Abutilon	" " " "	" " " "	" "
320	Gaura	" " " "	" " " "	" 3
321	Cenotheca	" " " "	" " " "	" "
322	Hoffmannseggia	" " " "	Stony prairie fl. very sweet-scented	" "
323	Myrtaceae	" " " "	" " " "	" "
324	Solanum	" " " "	Alluvial soil - abundant	" "
325	Scrophularia	" " " "	" " " "	" "
326	Artimisia	" " " "	Stony prairie	" "
327	Cenotheca	" " " "	Alluvial " "	" "
328	Scrophularia	" " " "	" " " "	" "
329	Echinocactus	" " " "	Stony hills	" "
330	Besleria	" " " "	" " alluvial prairie	" "
331	Euphorbia	" " " "	sides of rocky ridges	" "
332	Palfoxia	" " " "	" " " "	" "
333	Scrophularia	Stenandrium barbaticum	Stony ridges	" "



No	Name	Locality	Remarks etc	at the base	Date
334	<i>Polygala</i>	Valley of the Pecos	Sides of stony ridges	in the alluvium	June 3
335	<i>Streptanthus</i>	"	"	near the summits	"
336	<i>Heliopsis</i>	"	"	In alluvial soil	" 4
337	<i>Aphron</i>	"	"	"	"
338	<i>Zygodesmia</i>	"	"	"	"
339	<i>Cucurbitaria</i>	"	"	climbing on bushes	"
340	<i>Physalis</i>	"	"	"	"
341	<i>Lepidium</i>	"	"	"	"
342	<i>Oenothera</i>	"	"	"	"
343	<i>Chenopodiaceae</i>	"	"	sandy soil near the Pecos	"
344	<i>Tormentum</i>	"	"	growing on cedars on low rocky hills	"
345	<i>Leucosiphon</i> <sup>Bakeri</sup>	Rocky hills of the Pecos			"
346	<i>Scrophulariaceae</i>	"	"	Fl. light purple	"
347	<i>Cercocarpus</i>	In loose sandy soil near the margin of the Pecos			"
348	<i>Compositae</i>	Valleys from Pecos - Escondido Creek	Alluvial soil		" 5
349	<i>Statice</i>	near Escondido Creek - Soil impregnated with salt			"
350	<i>Gallia</i>	In alluvial soil Pecos - Escondido Creek			"
351	<i>Compositae</i>	"	"	"	"
352	"	"	"	"	"
353	<i>Scrophulariaceae</i>	"	"	"	"
354	<i>Opuntia</i> arb.	"	"	3-6 ft high	"
355	<i>Borraginaceae</i>	Pecos - Escondido Cr. on stony prairie			"
356	<i>Eutocia</i>	"	"	"	"
357	<i>Myrtaginaceae</i>	Valley of the Pecos near the hills			"
358	<i>Chara</i>	In Escondido Cr.			" 6
359	"	"	"	"	"
360	<i>Cercus</i>	Hills of Escondido Cr. Stem very numerous			"

Jeff Davis Co

No	Name	Locality	Remarks	Date	No	Name	Locality	Remarks	Date
361	Dumbellipium	Hills of Esccondido Cr	Tecos County	June 6	389	Asclepias	Leon Spr. - Limpio	In prairie dog towns	June 7
362	Scirpus	Margin of		"	390	Opuntia	Stony hills of the Limpio		"
363	Cirsium	Grassy flats near Esccondido Cr		"	391	Phaseolus	Valley of the Limpio	In alluvial soil	"
364	Juncus	"		"	392	Compositae	"		"
365	Myrtaginaceae	"	in small mesquit thickets	"	393	Carex	Mountain Spring flowing towards the Limpio		"
366	Cereus	Prairie in the valley of Esccondido Cr	Stems few or single	"	394	Bernonia	"	Valley of the Limpio	"
367	Astragalus	"	at Esccondido Spring	"	395	Habenaria	"	Spring flowing towards	"
368	Cereus	Stony prairie along Esccondido Cr	Stems few or single	"	396	Cirsium	"	valley descending to the	"
369	Grapholium	Dry bed of Esccondido creek	among rocks	"	397	Borraginaceae	Pebbly bed of the Limpio		"
370	Opuntia	Esccondido Springs	On rocks	"	398	Cruciferae	"		"
371	Sphaeralcea	Stony hills	Esccondido Spr. to Comanche Sp.	" 7	399	Eryngium	"		"
372	Leguminosae	"	"	"	400	Cruciferae	Valley of the Limpio	In alluvial soil	"
373	Dipteracanthus	"	"	"	401	Opuntia	Bed of the Limpio	In light alluvial soil	June 16
374	Opuntia	Rocky	"	"	402	Senecio	"	among pebbles	"
375	<sup>Cryptantha mexicana</sup> Borraginaceae	Stony	"	"	403	Asclepiadaceae	Valley of the Limpio	Shrub on low bushes	"
376	Nicotiana	Esccondido Spr.	In crevices of rocks	"	404	Gouera	"	In alluvial soil	"
377	Cirsium	Grassy flats	Esccondido Spr.	"	405	Plamogiton	In the Limpio		"
378	Actinella	Rocky hills	above Esccondido Spr.	"	406	Ranunculus	Margin of the Limpio		"
379	Myrtaginaceae	Stony hills	at Comanche Spr.	"	407	Monarda	Valley of the Limpio	In alluvial soil	"
380	"	"	"	"	408	Myrtaginaceae	"	in thickets	"
381	Actinella	"	"	"	409	Cucurbitaceae	"	in alluvial soil	"
382	— ?	"	"	"	410	Juncus	Margin of the Limpio		"
383	Croton	"	"	"	411	"	"		"
384	<sup>macrocarpa</sup> Madrornithium	Prairie	Comanche Spring to Leon Spring	"	412	"	"		"
385	— ?	Low saline flats	near Leon Spr. Fl. light purple	"	413	Carex	"		"
386	Chara	In Leon Spring		"	414	Asclepias	Pebbly bed of the		"
387	Cocopsis	On stony hills	near Leon Spr. Fl. yellow	"	415	Erigeron	Valley of the Limpio	On rocky hills	"
388	Gramineae	Margin of Leon Spr.	In dense patches	" 7	416	Phaseolus	"		"

No	Name	Locality	Remarks &c	Date
417	Castilleja	Valley of the Limpia	On rocky hills	June 11
418	Cereus	" " " "	Section with fruit	" "
419	Equisetum	Margin " " "	" "	" "
420	Galium	Bed " " "	" "	" "
421	"	" " " "	" "	" "
422	Opuntia	Valley of the Limpia	In alluvial soil	" "
423	" ?	Summit of mountain	Wtd rose pass <sup>high</sup> 2-5 ft	" 12
424	" ?	" " " "	" " " " <sup>4-10 ft high</sup> <del>2-5 ft</del>	" "
425	Gramineae	Sides of mountains	" " " "	" "
426	Agave	Flowers only	Common on mountain side of <sup>Pass</sup> W. R.	" "
427	Gaura	Valley of the Limpia	Wtd rose Pass	" "
428	Compositae	" " " "	Sides of hills	" "
429	Malpighia	" " " "	" " " " crevices of rocks	" "
430	" ?	" " " "	" " " " to the summit <sup>2-3 ft high</sup>	" "
431	Rosa	" " " "	near the creek forming <sup>spreading</sup> large thickets	" "
432	Quercus	" " " "	On the mountain sides 10-20 ft high	" "
433	Pentstemon	" " " "	In alluvial soil	" "
434	Pitris	" " " "	Mountain sides - climbing 8-10 ft	" "
435	Quercus	" " " "	" " " " 10-15 spreading	" "
436	Asclepias	In Prairie dog towns	head of the Limpia 1-2 ft high	" "
437	Sida	" " " "	" " " "	" "
438	Galium	Bed of the Limpia	" " " "	" "
439	Ranunculus	" " " "	" " " "	" "
440	Compositae	Margin of the Limpia	Sandy soil	" "
441	<del>Urtica</del> Sida	Bed " " "	much branched from the root	" "
442	Urtica	Margin " " "	much branched from the root	" "
443	Compositae	Prairie dog towns	head of the Limpia	" "
444	Hoffmannsuggia	" " " "	" " " "	" "

No	Name	Locality	Remarks &c	Date
445	Vesicaria	Prairie dog towns	head of the Limpia	June 12
446	Phlox	Valley of the Limpia	Alluvial soil	" "
447	Ornithem	Hill sides of the Limpia	Flowers expand about sunset	" "
448	Leguminosae	" " " "	" " " "	" "
449	Dicentra	" " " "	" " " "	" "
450	Polygala	" " " "	" " " "	" "
451	Myrtaceae	" " " "	" " " "	" "
452	Borraginaceae	Valley of the Limpia	at the upper camp	" "
453	Actinella	" " " "	" " " "	" "
454	Oenothera	" " " "	" " " "	" "
455	Caryoph	" " " "	" " " "	" "
456	Mercouria	Hill sides at the head of the Limpia	" " " "	" "
457	Delphinium	Valley of the Limpia	at the upper camp	" 13
458	Linum	" " " "	" " " "	" "
459	Gramineae	" " " "	" " " " in small tufts	" "
460	"	" " " "	" " " "	" "
461	"	" " " "	" " " " large dense tufts	" "
462	"	" " " "	" " " " in small tufts	" "
463	Myrtaceae	" " " "	" " " "	" "
464	Ionidium	" " " "	" " " "	" "
465	<sup>or Bignoniaceae</sup> Periploca	Sides of mountains	at the head of the Limpia 2-3 ft high	" "
466	Gramineae	" " " "	" " " "	" "
467	Leguminosae	" " " "	" " " "	" "
468	Gramineae	Bottoms of the Limpia	at its head	" "
469	"	" " " "	" " " "	" "
470	"	" " " "	" " " "	" "
471	Asclepias	Summit of mountains	at the head of the Limpia	" "

S. Culbertson Jun 15  
 Sharpshooter Jun 16

No	Name	Locality	Remarks &c	Date	No	Name	Locality	Remarks &c	Date
472	Gramineae	Bottom of the Limpia at its head		June 13	500	Nyctaginaceae	Near Smiths run in sandy alluvial soil		June 15
473	"	" " " " " " " "		" "	501	Compositae	Stony hills near Smiths run		" "
474	Cerastium	" " " " " " " "		" "	502	Sophora	" " " " " " " "		" "
475	Compositae	In crevices of rocks (basaltic) Mountain of the Limpia		" "	503	Boliveria	" " " " " " " "		" "
476	Labiatae	" " " " " " " "		" "	504	Eutocia	Among rocks Banks of Providence Cr.		" "
477	Eriogonum	Summit of mountain Head of the Limpia		" "	505	Galium	" " " " " " " " near 3 savantorum " " " " " " " " fl yellow		" "
478	Erigeron	" " " " " " " "		" "	506	Richardia	" " " " " " " "		" "
479	Epilobium	Margin of the Limpia at its head		" "	507	Solidago	Summit of hills at <sup>rain-water</sup> camp June 15		" "
480	Scirpus	" " " " " " " "		" "	508	Cassia	Valley from rain-water camp to Dagle Springs		" 16
481	Oxalis	Valley of the Limpia " " " " on stony soils		" "	509	Nyctaginaceae	" " " " " " " " around prairie dog holes		" "
482	Gnora	" " " " " " " "		" "	510	"	" " " " " " " "		" "
483	Galactia	Rocky mountain sides at the head of the Limpia		" "	511	Compositae	" " " " " " " "		" "
484	Gramineae	" " " " " " " "		" "	512	Eriogonum	" " " " " " " "		" "
485	Pentstemon	" " " " " " " "		" "	513	Asclepias	" " " " " " " "		" "
486	Compositae	Dog-towns in valley from Painted camp to Smiths run		" 14	514	Sphaeralcea	" " " " " " " " flowers light yellow		" "
487	Calliandra	" " " " " " " "		" "	515	Chrysopsis	valley from dead-man's pass to the wells		" "
488	Malvaceae	" " " " " " " "		" "	516	Zygophyl.	" " " " " " " "		" "
489	Chrysopsis	Valley Painted camp - Smiths run		" "	517	Verbena	" " " " " " " "		" "
490	Desmanthus	Mountain valley Painted camp - Smiths run		" "	518	Malvaceae	" " " " " " " " in dog towns		" "
491	Pentstemon	" " " " " " " "		" "	519	Cereus	" " " " " " " "		" "
492	Potulaca	" " " " " " " "		" "	520	Foraminia	" " " " " " " " on stony soils		" "
493	?	" " " " " " " "		" "	521	Baileya	" " " " " " " "		" "
494	Physalis	" " " " " " " "		" "	522	Leguminosae	" " " " " " " " 4-8 ft high		" "
495	Lilium	Margin of a dry mountain ravine		" "	523	Opuntia	" " " " " " " " 2-4 ft high		" "
496	Mimosa	Mountain valleys & sides		" "	524	Goodenium	" " " " " " " " 2-4 ft high by		" "
497	Rhamnaceae	" " " " " " " "		" "	525	Nyctaginaceae	" " " " " " " " in alluvial soil		" "
498	Galactia	Mountain sides from Smiths run - Providence Creek		" 15	526	Ageratum	At the wells in alluvial soil		" "
499	Abutilon	" " " " " " " "		" "	527	Scirpus	Margin of the wells		" "

No	Name	Locality	Remarks	Date
528	— ?	at the wells in crevices of rocks		June 17
529	Mastovaceae	" " " " " " " "		" "
530	Physalis	" " " near the branch		" "
531	Mammill.	" " " in alluvial soil		" "
532	Saxifraga	" " " on stony hills		" "
533	Neotritia	ballies near Eagle Spring		" "
534	Compositae	" " " " " "		" "
535	Mammill.	at the wells in crevices of rocks		" "
536	Euphorbia	Stony hill-sides at Eagle Spring		" 18
537	Griggin	Valley of the Rio Grande - 20 miles below El Paso		" 19
538	Micromeria	Canyon leading to the Rio Grande		" "
539	Opuntia	Sandy ridges Valley of the R.G. 50 m. below El Paso		" "
540	Potentilla	Old bed of the R.G. 50 m. below El Paso		" 2d
541	Nasturtium	" " " " " " " "		" "
542	Aster	" " " " " " " "		" "
543	Scirpus	" " " " " " " "		" "
544	Panicum	" " " " " " " "		" "
545	Coreopsis	" " " " " " " "		" "
546	Mastovaceae	Low bottom of the R.G. 50 m. below El Paso		" "
547	Physalis	" " " " " " " "		" "
548	Beronia	" " " " " " " "		" "
549	Poa	" " " " " " " "		" "
550	Cyperus	" " " " " " " "		" "
551	Elychama	" " " " " " " "		" "
552	Portulaca	" " " " " " " "		" "
553	Mammill.	" " " " " " " "		" "
554	Gramineae	" " " " " " " "		" "
555	Leguminosae	" " " " " " " "		" "

No	Name	Locality	Remarks &c	Date
556	Equisetum	Low bottom of the Rio Grande	60-80 m below El Paso	June 20
557	Scirpus	"	" " " " " " " " " " " "	" "
558	Rumex*	"	" " " " " " " " " " " "	" "
559	Salix	"	" " " " " " " " " " " "	" "
560	Gramineae	High	" " " " " " " " " " " "	" "
561	"	Low	" " " " " " " " " " " "	" 21
562	Stromboscurpus	Valley of the	" " " " " " " " " " " "	" "
563	Helianthus	On sandy ridges	Valley of the R. G. 40-50 m below E. P.	" "
564	Hymenocytus	"	" " " " " " " " " " " "	" "
565	Nyctaginaceae*	"	much branched from the root & spreading	" "
566	Euphorbiaceae	"	" " " " " " " " " " " "	" "
567	Verbena	"	very much branched from the ground & spreading prostrate	" "
568	Baccharis	Margin of the R. G.	below El Paso 2-4 ft high	" "
569	Chara	In a sub-saline pond	& mineral pond below San El Sario	" 23
570	Potamogeton	"	" " " " " " " " " " " "	" "
571	—?	margin of a sub-saline	& mineral pond below San El Sario	" "
572	Baccharis	Ridge bottom	below El Paso 2-4 ft high	" 24
573	Kislirenia	"	" " " " " " " " " " " " <sup>branched</sup> sandy soil 1-2 ft high much	" "
574	Compositae	"	" " " " " " " " " " " "	" "
575	Leguminosae	"	" " " " " " " " " " " "	" "
576	Malvaceae	"	" " " " " " " " " " " "	" "
577	Phoradendron	"	" " " " " " " " " " " "	" "
578	Populus	Rio Grande bottom	Almost the only timber 20-30 ft high	" "
579	Salix	"	" " " " " 4-8 ft high	" "

\* Not dry - keeps here Frontera July 4th 1851



From

Mr. Chas. Wright

Plot No. 94. No. 94.

Containing a list of  
botanical specimens  
collected.

Thurston, Nevada.

July 4<sup>th</sup> 1887.

