(14)

Spine data wrong

not all that wrong;
1912 1918-1929 would be correct.

Note that the first two digits
are the years

hence [redacted] =
12.1 = 12th coll. of 1912

Dan H. Nicholas
21 May 1991

United States National Museum

Division of Plants

1912.

J = Java (Buysman)
J$_s$ = seeds.
Bu = Buffalo Bot. Gard. (Cowell)

12.1	Echinocactus simpsoni 1 destr.	12±	10008	Wyoming, Fort Russell Earl B. Powell	Dec., 1911
12.2	Cowrantia rosea		10043	Mexico, Oaxaca, Coyula, Cuicatlan C. Conzatti 900 meters	1911
12.3	~~Phyllocactus latifrons~~ E. stenopetalum Epiphyllum conzattii Br. & R.			" " "	
12.4	Mamillaria donati	1	10044	Mexico, Esperanza, Puebla C.A. Purpus 2400 meters	Jan. 1912
12.5	Selenicereus		10053	Porto Rico, Ponce Henry T. Cowles #234	
12.6	Lemaireocereus			Guayanilla " #235	
12.7	Cephalocereus royeni (?) (=Pilocereus ")			near " " #236, 248	
12.8	Hylocereus trigonus			" " #237	
12.9	Selenicereus "			" #238	
12.10	Opuntia tuna Spines large, yellow			La Ventana, near Guayanilla #241	
12.11	Opuntia catacantha L. & O.			Guayanilla #243	

12.12	Melocactus	10033	Porto Rico, La Ventana
12.13	Opuntia catacantha	Dead	Henry T. Cowles. #244, 245, 256
12.14	" "		La Ventana #246
12.15	" ficus-indica		" #249
12.16	Selenicereus grandiflorus		[Common everywhere] #251, 252
12.17	Euphorbia		Arecibo #253
			Yauco X
12.18	Opuntia ovata	Dead	California, Holmby Garden, East Hollywood. Fr. Weinberg Jan. 2, 1912
12.19	" spegazzinii Web.		
12.20	" foliosa 1 destr.		
12.21	" diademata		
12.22	~~Ptero~~cactus ? Opuntia clavarioides		
12.23	1 destr. Haworthia clariperla		

12.24	Haworthia glabra concolor			
12.25	"		(From South Africa)	
12.26	" reinwardii			
12.27	Gasteria pumila			
12.28	Opuntia pusilla			
12.29	Selenicereus	10044	Porto Rico, San Juan.	1/13/1912
12.30	Euphorbia		# 330 B. Hioram, Colegio de San Pablo. # 331	
12.31	Opuntia pollardi Britton & Rose	10074	Mississippi, Biloxi S. M. Tracy.	2/5/12
12.32	Echinocactus lecontei	10057	Arizona, just North of Phoenix E. D. Wooton # 7008 "This is what Dr. Kunze calls E. lecontei and is certainly distinct enough from E. wislizeni of the Mesilla Valley. Spines straighter,	2/9/1912.

		10067	plant taller, and usually less in diameter, flowers reddish maroon with orange margins to petals. Radial spines different. Should be cultivated along side of N.M. E. wislizeni."
12.33	Echinocactus wislizeni.		Arizona, just north of Phoenix. E.O. Wooton #709. alt. 1100 ft. "This is what Dr. Kunze considers E. wislizeni. I'm inclined to doubt the correctness of the conclusion. Had better be compared in growing condition with E. wislizeni from Arg. College" 2/9/12.
12.34.	Opuntia pollardii	10062 3 Dead	Alabama, ~~Dauphine Id.~~ Petit A.H. Howell Bois Id. Feb. 12, 1912
12.35.	Echinocereus engelmanni	10078	Arizona, N.E. of Phoenix. E.O. Wooton Feb. 12, 1912.
12.36.	Mamillaria grahami.		- Mt. N.E. of Phoenix.

12.37	Opuntia	10075	Mexico, Balsas. NYBG. 32811 H. H. Rusby. 1910.
12.38	" sulphurea	Dead	? Simon, 1901 ? NYBG. 6647
12.39	" cataçantha.		Porto Rico — 1906 NYBG. 24673 Britton & C. — #1323
12.40	Nopalea		? Simon 1900 NYBG. #6646
12.41	Opuntia decumbens		? Weinberg 1910. NYBG. #32645
12.42	Nopalea coccinelifera		Mexico. 1910. H. H. Rusby. NYBG. —
12.43	Opuntia vilis	10076	Mexico, Durango, Lerdo. E. Chaffey
12.44	Mamillaria ~~Boyd~~ "		"
12.45	"		
12.46	Pereskia "	10077	Mexico, Zacuapam C. A. Purpus.
12.47	Opuntia pollardi.	10079	Alabama, Uniontown 3-4-12 A. H. Howell.

12.48	Cereus deami (or new genus).	10081	Guatemala, Mrs. T. D. A. Cockerell. Quirigua.	2/20/12
12.49	Hylocereus minutiflorus JHB.	= Wilmattia microflora		
12.50	Selenicereus hondurensis JHB			
12.51	Mamillaria arizonica	10102	Arizona; Nelson E. O. Wooton.	Mar. 2, 1912
12.52	Echinocereus			
12.53	Opuntia fusco-atra 1 dead destroyed	Dead 10098	Texas, Victoria. J. D. Mitchell	Mar. 4, 1912.
12.54	" lindheimeri			
12.55	Phyllocactus gaillardae (Seedlings)	✓	Canal Zone H. Pittier	Feb. 1912
12.56	Weberocereus n. sp. Selenicereus macis		Colombia Along Sambú R., South Darien. Epiphytic. #5715	
12.57	Cryptostegia (Seeds)	10099	Mexico; San Blas, Sinaloa E. A. Tays.	

12.58	Cereus Boeckmanni. Backeberg.	10100	Presented by Arthur Kuester. March 19, 1912.
12.59	" 1 destr.		
12.60	"		
12.61	"		
12.62	Echinocactus Dead o destroyed	Et Ras	
12.63	Mamillaria		
12.64	Opuntia	10101	Mexico, Oaxaca. Jardin Botanico Estac. Agr. Exper., Distrito del Centro. 1550 m. alt. "Nopal Costoche" C. Conzatti.
12.65	Acanthocereus	10103	Panama E.A. Goldman #1875
12.66	"		#1876
12.67	Hylocereus		#1877
12.68	"		#1878
12.69	Opuntia		#1879

12.70	Mamillaria ~~flowers~~ white ?	10101	Mexico. Oaxaca de Juarez. C. Conzatti. #3
12.71	" 1 destr. flowers		#4
12.72	Opuntia inermis	10123	Bird Key, Dry Tortugas Islands WRS. 7-23-15. Fide T. S. P. by phone Florida, Tortugas Bird Reservation 4/2/12 T. S. Palmer.
12.73	Opuntia	10101	Mexico, Oaxaca 1000 m. alt. C. Conzatti. #5
12.74	Opuntia large joints	10109	Alabama, Jackson 4/6/12 E. G. Holt.
12.75	" small - Bird Island		
12.76	Echinocactus corniger	10104	Mexico, Guadalupe, Hidalgo. Wm Brockway # 220
12.77	Mamillaria 1 dead destroyed		Kilo 87, Cuernavaca Div. #222.
12.78	Echinocereus 1 destr. 5"	10111	Texas, Kerrville 4/14/12 B. Mackensen.

12.79	Opuntia	10109	Porto Rico, Vieques Island. A. Wetmore	Mar. 30, 1912
12.80	Hylocereus trigonus			
12.81	Pilocereus			
12.82	Melocactus ✓			
12.83	Echinocereus viridiflorus There called pin cushion Cactus. 9	10110	Colorado, Colorado Springs. F. W. Homan, C.	
12.84	Opuntia 1 destr.	10109	Alabama, Myrtlewood Ernest G. Holt.	Apr. 22, 1912
12.85	Leuchtenbergia? ✓ Seedlings, Cacti?	✓	Alabama, Auburn F. E. Lloyd #16 (Originally from Cedros)	
12.86	Opuntia ✓ Coarse yellow spines	10118	Porto Rico, Virgin Islands - (Culebra). Alex Wetmore. Biol. Surv.	
12.87	Opuntia ✓			
12.88	Opuntia ✓	Dead		

12.89	Opuntia	1	10118	
12.90	Opuntia yellow-green - almost spineless	2		
12.91	Opuntia 1 destr.			
12.92	Pilocereus	1		
12.93	" ?	1		
12.94	~~Bergerocactus Emoryi~~ ~~Echinocereus sp.~~ 1 destr. fls. pale lemon-yellow	1	10116	California, San Clemente Island E. O. Wooton # 7042 ("Photographed") 4/28/12
12.95	Opuntia	3	10118	Alabama, Florence A. H. Howell 5/5/12
12.96	Jatropha macrorhiza seeds.		10119	Mexico, Chihuahua Sent by Elmer Stearns
12.97	Cereus Bonplandii seeds	seeds dead		South America, Argentina. Seeds sent by Dr. Carlos Thays from Buenos Aires thru Mr. Peter Bisset, Dept. of Agr.
12.98	" tortuosus seeds			
12.99	" Peruvianus seeds			

12.100	~~Mamillaria~~ ~~Echinocactus~~ Simpsonii Pediocactus	10148	Colorado: Jefferson. C. Birdseye.	May 22, 12
12.101	Orchid	10172	Panama, Cana. E. A. Goldman	May 8, 1912
12.102	Orchid			
12.103	Orchid			
12.104	Orchid			
12.105	Orchid		Pirri Range (5000 ft.) near head of Rio Tijeon.	May 6, 1912
12.106	Orchid.			
12.107	Orchid			
12.108	Orchid			
12.109	Orchid			
12.110	Orchid			
12.111	Orchid.			

12.112	Mamillaria Missouriensis 1 destr. 6	10135	Montana Greycliff. W. W. Eggleston
12.113	Opuntia 8	10149	Mexico Durango, Lerdo. E. Chaffey
12.114	" Echin. Cylindrica. 1		
12.115	Cereus 1		
12.116	Echin. " 1		
12.117	Leuchtenbergia 1		
12.118	Opuntia	10148	Porto Rico, Yauco Alex Vetmore
12.119	Pilocereus		
12.120	Opuntia 3	10147	Utah, Tooele, Tooele Co. H. L. Shantz # 3132
12.121	Pereskia Nicoyana Web. 2	10146	Costa Rica, Puntarenas Coll. by 'C. Werckle', sent by A. Tonduz.

12.122	Opuntia ~~Dillenii~~ inermis	11	10145
12.123	~~Pilocereus~~ Cephalocereus Bahamensis	4	
12.124	Orchid	21	
12.125	Acanthocereus		10154
12.126	Opuntia elatior	3	
12.127	Mamillaria zephyranthoides 1 spec. Ded.	1	Dec 10178
12.128	Echinocactus visnaga	1	
12.129	" ~~catafractus~~ cataphractus Dams	1	
12.130	Mamillaria vivipara (One sent to N.Y.B.G.)	2	✓
12.131	Cereus Karstenii (four angled	1	

Bahama Islands, Smith Place, May 24, 1912
northeast corner of South Bight, Andros Islands, Long Bay Key District.
Dr. Paul Bartsch.

Panama, Pinogana. June 20, 1912.
E. A. Goldman.

Panama
Christopherson # 207
(See Mr. Pittier for data)

Germany, Messrs. Haage & Schmidt.

Streeters, No. Dak. June 28, 1912.
V. Bailey.

Jardin des Plantes, Paris
Obtained by Dr. Rose.

12.132.	Phyllocactus hybrid 1 destr.	3	Botanical Garden Munich, Germany. Obtained by Dr. Rose.
12.133	Rhipsalis Warmingiana	1	Botanical Garden Brussels, Belgium Obtained by Dr. Rose
12.134	" capilliformis ?	1	Botanical Garden Brussels, Belgium. Obtained by Dr. Rose.
12.135	Selenicereus	1	Santo Domingo. Through Mr. De Leet. Obtained by Dr. Rose.
12.136	Portulacaceous plant Anacampseros arachnoides Sims	1	Botanical Garden Brussels, Belgium. Obtained by Dr. Rose
12.137	Mediocreditus Cereus setaceus (three angled).	1	Botanical Garden Brussels, Belgium. Obtained by Dr. Rose.
12.138	Selenicereus	1	Botanical Garden, Brussels, Belgium. Obtained by Dr. Rose.
12.139	Weberocereus tunilla called Cereus Bioleyi	1 Dead	Royal Botanic Gardens, Kew, Collected by Alfredo Brudelin Costa Rica Obtained by Dr. Rose.
12.140	Rhipsalis. Wercklei	1	Royal Botanic Gardens, Kew. Collected in Costa Rica by Alfred Brude. Obtained by Dr. Rose.
12.141	Phyllocactus	1	Botanical Garden, Halle, Germany. From Costa Rica Obtained by Dr. Rose.
12.142	Cereus Amecaensis	1	Royal Botanic Gardens, Kew. Obtained by Dr. Rose.
12.143	Cereus Wercklei	1	Royal Botanic Gardens, Kew Obtained by Dr. Rose.

12.144	Hylocereus			Royal Botanic Gardens, Kew.
		1		Obtained by Dr. Rose.
12.145	" Lemairei			Royal Botanic Gardens, Kew.
		1		Obtained by Dr. Rose.
12.146	Opuntia	Acc. 10175		Tooele, Utah July 12, 1912
	1 destr	1		(Boring # 78.)
				F.H. Kearney of Dept. Agr.
12.147	" Treleasei Coulter	Acc 10179		10 mi. E. of Bakersfield, Calif. June 26, 1912
	+ 2 flowers	1		Dr. D. T. MacDougal & S. Sykes.
12.148	Opuntia elongata	Acc. 10177		Italy, La Mortola. A. Berger, thru NYBG #36269 Dr. Rose.
12.149	" megacantha			#36270
12.150	" monacantha			#36271
	1 destr.			
12.151	" inaequilateralis			#36272
12.152	" Labouretiana			#36273
12.153	" hyptiacantha			#36275
12.154	" Wjnteriana			#36276
12.155	" parva			#36277

12.156	Opuntia	Scheerii	Kleed 10177	#36278
12.157	"	pilifera		#36279
12.158	"	Beckeriana		#36280
12.159	"	Bergeriana		#36281
12.160	"	velutina		#36282
12.161	"	puberula		#36283
12.162	"	Hanburyana		#36284
12.163	"	glaucescens		#36285
12.164	"	erinifera	1 destr.	#36286
12.165	"	triacantha		#36287
12.166	"	polyantha		#36288
12.167.	"	alcahes		#36289
12.168	"	Verschaffeltii		#36291

12.169	Opuntia	haematocarpa	10177	#36292
12.170	1 destr. "	oligacantha		#36293
12.171	"	intermedia		#36294
12.172	"	Lemaireana	Dead	#36296
12.173	"	Poliosa		#36297
12.174	1 destr. "	fulgida nana		#36298
12.175	"	molesta		#36299
12.176	"	Spegazzinii		#36302
12.177	"	Bigelovii		#36303
12.178	Pereskia	amapola	LHB	#36304
12.179	Pereskiopsis	rotundifolia		#36306
12.180	"	de Hait		#36309

12.181	Cereus nycticallis armatus	10177		# 36313
12.182	" grandiflorus Maximillianus			# 36314
12.183	Echinopsis obrepanda	Acc. 10176	1	Germany, Mahlsdorf. From Walter Mundt.
12.184	~~Echino~~ Rebutia cactus minusculus		12	
12.185	" Martinii		1	
12.186.	" Schilinzkianus + ~~destr.~~ 1 destr.		1	
12.187.	" Grahleanus + ~~destr.~~ 1 destr.		1	
12.188	Mamillaria Mundtii		4	
12.189.	" fulvolanata		1	
12.190	" ~~bocasana~~ Bonnzeana		2	
12.191	" tricha cantha		1	
12.192	" pyrocephala.		1	

12.193	Mamillaria Praelii	10176	(Germany – W. Mundt.)
12.194	Cereus thelegonus (?)	1	
12.195	Echinocactus Quehlii	1	
12.196	" platensis	2	
12.197	Echinocereus Salm-Dyckianus	2	
12.198	" Scheerii	2	
12.199	" amoenus	2	
	Dead & Removed		
12.200	" subinermis	2	
12.201	Echinocactus Schumannianus	1	
12.202	Mamillaria rhodantha	1	
12.203	Echinocactus denudatus paraguayensis?	1	
12.204	Echinopsis Pentlandii	1	
12.205	Echinocactus concinnus	1	

12.206	Echinocactus pumilus	10176	(Germany – W. Mundt.)
12.207	Mamillaria Parkinsonii	1	"
12.208	" elegans	1	"
12.209	Echinocereus Leonensis	1	"
12.210	Opuntia Hempeli	1	"
12.211	Echinocactus Ottonis	1	"
12.212	Echinocereus maritimus	1	"
12.213	" candicans	1	"
		2	
12.214	Gormania oreganum 1 destr.	Acc. 10246	Oregon, Crater National Forest July 27, 12. Klamath Co. Miss. Jessie P. Rose #2029
		5	
12.215	Phyllocactus	Dec 10, 185	Panama, E. A. Goldman 1957 (Bird Sur.)
12.216	Pereskia	1	1956

12.217	Opuntia fragilis 2 destr	Acc. 10247 10+	Utah, ~~Salt Lake City~~. Grantsville, Tooele Co. A. O. Garrett.
12.218	Hylocereus Lemairei	Acc 10248. 1	Myp Bot Gard. 27689
12.219	Opuntia Whipplei ? (New species collected by P.C. Standley in 1911!)	Acc 10215 2	New Mexico, near Santa Fe'. T. D. A. Cockerell.
12.220	Opuntia. 1 destr.	3	
12.221	Mamillaria ~~not~~ "Wrightii" Box spec.	Acc. 10202. 1	Mexico, San Luis Potosi. Mrs. Irene Vera.
12.222	Pelecyphora aselliformis	1	
12.223	~~Cereus~~ Lemaireocereus griseus "~~Thurberi~~!" or C. eburneus	1	
12.224	Echinocereus amoenus Dead & preserved	2	#1
12.225	Mamillaria candida	1	#2
12.226	" → "decipiens"	1	#3
12.227	Pereskia	Acc. 10201 1	Mexico. from Prof. C. Conzatti C. Conzatti.

12.228	~~Echeveria~~ 1 destr. Thompsonella minutiflora	10201 LHB	Mexico, Oaxaca, Tomellin Cañon C. Conzatti.
12.229	Cereus	1	
12.230	Coryphantha	1	Camino de Tlacolula
12.231	Opuntia decumbens	2	Almoloyas, Tomellin.
12.232	"	1	Tlacolula
12.233	Hylocereus trigonus	Acc. 10199. 2	Porto Rico, Juana Diag. Alex Wetmore
12.234	Nopalea coccinellifera	1	
12.235	Opuntia Dillenii	dead 2	
12.236	Cephalocereus	1	
12.237	Opuntia fragilis 1 destr.	Acc. 10200 2	Arizona: Flagstaff. Aug. 1912 G. Sykes. #1
12.238	Echinocereus aggregatus	1	#2
12.239	Opuntia	1	#3

12.240	Opuntia Whipplei	10200	#4
12.241	"	1	#5
12.242	" Whipplei	1	#6
	1 destr.		
12.243	Echinocereus aggregatus	1	#7
12.244	Opuntia	1	#9
12.245	Echinocereus aggregatus	2	#10
12.246	Mamillaria Arizonica ?	1	#11
12.247	Nopalea auberi Dead Dec	10201	Mexico. Oaxaca, suburbs of. C. Conzatti.
	"dejecta	1	
12.248	~~Nyctocereus~~ n. sp. aporocactus conzattii	1	
12.249	Cereus quisco Remy	Acc. 10245 9	Chile, S.P.I. 33824 J. D. Husbands Thru Dr. Fairchilds' Office.
	(Seeds)	2	
12.250	" "		33826
	(Seeds)	1	
12.251	" "		33827
	(Seeds) Bugs	1	

12.252	~~Opuntia~~ Maihuenia (Seeds)	Bus Js	1	10245
12.253	Cactus (Seeds)	Bus Js	1	
12.254	" (Seeds)		1	
12.255	" (Seeds)	Bus Js	1	
12.256	" (Seeds)		1	

Chile S.P.I. 33828 (J.D. Husbands)

33829

33830

33831

33832

(See 12.240)

12.257 Opuntia polyacantha acc 10247

1

Utah, Tooele Co., near Grantsville.
A.O. Garrett.

12.258 Formania oregana acc 10246

~~HB~~ 5

Oregon Cherry Canyon, near Crystal.
Miss J.P. Rose.

12.259 Mamillaria Karwinskiana acc 10249

1

Mexico,
C. Conzatti #23

12.260 Opuntia acc. 10261

2 destr. 30±

Kansas Topeka Sept. 13, 1912
Dr. J.N. Rose # 17003

12.261	Echeveria	acc. 10262	Germany, Erfurt. Haage u. Schmidt.	9-7-12.
12.262	Sedum 1 destr.	1		
12.263	Opuntia § Cylindrop.	acc. 10264 1	Mrs. Irene Vera. Mexico, San Luis Potosi #1 Recd. 9/18/12.	
12.264	Opuntia § Cylindrop. small form.	1	#2	
12.265	Echinocereus 1 destr.	Dead acc. 10261 & destroyed	Kansas, Syracuse. J. N. Rose #17048	9-16-12.
12.266	Mammillaria 2 destr 1 destr.	4	#17049	
12.267	Opuntia 1 destr.	9 Dead	#17050	
12.268	Opuntia	9	Colorado, La Junta #17051	
12.269	" polyacantha	2	#17052	
12.270	Opuntia	3 acc. 10243	Louisiana, Marksville W. L. McAtee	9-14-12

12.271	Opuntia 1 destr.	2 ✓	Colorado, Yuma H. L. Shantz.	9-20-12
12.272	Mamillaria Havardii	acc 10242 1	Arizona, Foothills of Santa Rita Mts., south of Tucson, E. O. Wooton.	9-14-12
12.273	"	1		
12.274	"	2		
12.275	Mamillaria	acc 10261 4	Tribune, Kans. J. N. Rose # 17089	9-18-12
12.276	2 destr Opuntia	1	La Junta, Colo. # 17053	9-16-12.
12.277	Echeveria	acc. 10241 1	Presented by Mr. Swingett. (Originally from Scotland)	
12.278	Opuntia 1 destr.	acc. 10261 1 dead destroyed 8	Kansas, Pratt. J. N. Rose # 17160 # 17162	9-23-12
12.279	Mamillaria vivipara	2		
12.280	Opuntia	10229 1	Canal Zone, Bas Obispo S. P. Verner.	8-31-12.

12.281	Mamillaria Missouriensis	2 ✓	South Dakota, Newell W. P. Carr #417 B.P.J.
12.282	Amoreuxia palmatifolia DC. "Zaya" (Seeds) Ded-	✓	Mexico, Sinaloa, E. A. H. Tays
12.283	Opuntia fragilis (With 12.281)	1 ✓	South Dakota, Newell. W. P. Carr # 418. 1 B.P.J.
12.284	Mamillaria vivipara	Acc. 10261 1	Kansas, Hugoton J. N. Rose #17125
12.285	Opuntia fragilis	1 dead destroyed 20	#17130
12.286	" hybrid 1 destr.	1 dead destroyed 4	#17138
12.287	Mamillaria vivipara 2 destr.	10	#17139
12.288.	Opuntia hybrid 1 destr. § Platiop.	8	
12.289	Mozinna pauciflora Rose ? (Seeds)	Acc. 1 ded ✓	Mexico, Oaxaca, Sierra de Nacolula. Aug. 23, 1912 C. Conzatti.
12.290	Cereus quisco Haage jun. (Seeds)	Acc. 10245 3	Chile J. D. Husbands. S.P.I. #33825

12.291	Opuntia § Platiop. 1 destr. 1 ded	acc. 10256 3	Texas, Dallas Co., near Irving A. Ruth	9-24-12
12.292	Opuntia megarrhiza § Platiop.	3		
12.293	Mamillaria fascicularia	acc. 10257 1	Arizona (B. P. I.) E. W. Hudson. C. P. B. # 7590	
12.294	Opuntia xanthostemma § Platiop. 1 destr.	acc. 10263 3	England, Cambridge. R. Irwin Lynch.	
12.295	" monacantha § Platiop.	4		
12.296	" Cantabrigiensis Lynch. § Platiop	4		
12.297	Cereus Selenicereus spinulosus	acc. 10264 2	Mexico, San Luis Potosi Miss Drine Tera	
12.298	Opuntia Opuntia (L.) § Platiop. 2 destr.	acc. 10258 6	Virginia, Great Falls. J. N. Rose.	Oct. 4, 1912
12.299	Opuntia 1 destr. § Platiop 2 destr. 2 destr.	acc. 10248 3	Growing wild in grounds of NYBG.	Oct. 7, 1912
12.300	Opuntia § Platiop.	acc 3	Mississippi, Natchez. (Biol. Survey) E. G. Holt.	Oct. 5. 1912

12.301	Sobralia macrantha Orchid	acc 10235 1.	Mexico, Aire Libre H. & W. Hixon, ~~Terminillan~~ (Sent to Nat. Bot. Gard)	Oct.	1912
12.302	Opuntia § Cylindriop.	acc. 10260 6	Arizona, on road to Sabins Cañon, 15 miles from Tucson. W. T. Swingle. C.P.B. # 687.		
12.303	Opuntia § Cylindriop.	6	Mouth of Sabins Cañon, W. T. Swingle C.P.B. # 689		
12.304	Opuntia § Platiop.	acc. 10256 3	Texas, near Fort Worth Prof. Albert Ruth.		
12.305	Ipomoea leptophylla (Seeds)	10261	Kansas, Syracuse. J. N. Rose # 17032		
12.306	Mamillaria vivipara Haw. acc. 1 destr. (Seeds of 12.266)	Bugs	# 17049		
12.307	Mentzelia nuda, 1 ded (Seeds)		Colorado, La Junta. # 17069		
12.308	Yucca Ded (Seeds)	Bugs	Kansas, near Johnson # 17103		
12.309	Mamillaria vivipara 1 destr.	acc. 10259	North Dakota, Mandan S.C. Mason C.P.B. # 1132		

12.310	Mamillaria (Coryphantha) (Seeds)	1 ded ✓	Texas, Vicinity of El Paso. Elmer Stearns	Sept. 1912.
12.311	Opuntia humifusa	acc. 3	Indiana Lafayette J. C. Arthur.	Oct. 15, 1912
12.312.	Nopalea coccinellifera (All made up into Herb. Sp.)	acc. 2 HB.	Mexico, Oaxaca, Agr. Exp. Sta. C. Conzatti #8	
12.313	Mamillaria (Coryphantha) pallida	n.p. 2	Puebla, Tehuacan #28	
12.314	Nyctocereus Conzattii Aporocactus conzattii	1	Oaxaca, Cerro San Felipe #18	
12.315	Pereskiopsis Pereskia Conzattii	2	" San Juanito #19	
12.316	Opuntia depressa Rose 1 destr.	1	Puebla, Santiago Mixtuatlan. #33	
12.317	Echinocactus corrugeros	1	" Tehuacan. #36	
12.318	Opuntia Greenei Glochids brown	acc. 1 dead destroyed	Colorado, Boulder. T. D. A. Cockerell	Oct. 1912
12.319.	Glochids yellow	6+ Dead		
12.320	Mamillaria Kunzeana Quehl + Boedeker	acc. 2.	Germany, Halle (Saale) L. Quehl.	

12.321	Sedum	acc.	Arizona: Santa Catalina Mts. Moist places in shade of cliffs, 4-5000 ft. D. T. MacDougal.
	Ded Ded	3	
12.322	Opuntia catacantha	acc	England, Heaton Park, Manchester. "St. Kitts, '01" R. Lamb. #627.
	1 destr. Calld Nopalea monolifera.	1	
12.323	Pereskiopsis chapistle	1	#766.
12.324	Nopalea Auberi ? Calld N. Karwinskiana	1	#626.
12.325	Hylocereus? Acanthocereus	acc 2	Mexico, Oaxaca de Juarez. Jardin Conzatti. C. Conzatti A
12.326	Nyctocereus? " jus. form.	1	B
12.327	Acantho ↑Cereus submermis B&R?	1	C
12.328	Rhipsalis Cassytha		D
	1 destr.	2	
12.329	Hylocereus	acc. 2	Bay of Panama, Urava Ids., Howe, 1910 NyBG. 31788
12.330	" Costaricensis		"From Werckle, 1911"
	"Cereus polychizus	1	NyBG. 11984

12.331	Stauranthus Conzattii n.sp. (Seeds)		Mexico Oaxaca, Cerro San Antonio, 1800 meters alt. Distrito del Centro, C. Conzatti	
12.332	Opuntia Scheeri (Seeds)	1 ded	Italy, La Mortola J. N. Rose 17223	May 16, 1912
12.333	Pereskiopsis chapistle	2	Mexico, Oaxaca de Juarez, Oaxaca. C. Conzatti "E"	
12.334	Hylocereus tricostatus	2	"F"	
12.335	Mamillaria	3	"G"	
12.336	Opuntia	acc 6	Colorado, Boulder, T. D. A. Cockerell.	
12.337	Pereskiopsis n. sp.	3	Mexico, Oaxaca, Xoxo, Monte albán. C. Conzatti	11/10/12.
12.338	Hylo, Cereus Lemairei	acc 1	England, Manchester, R. Lamb.	
12.339	" extensus	1		

Epiphyllocactus

12.340	Phyllocactus biformis	2.	(England, Manchester. R. Lamb)
12.341.	" Hookeri	2.	
12.342.	" lepidocarpus	1 dead destroyed 1	
12.343	" grandis	2	
1 destr.			

12.344	Cereus Bradei (Seeds)	1 ded	Costa Rica San José, Museo Nacional O. Jiménez #616

12.345.	Fouquieria splendens Engelm.	Acc. 1	Arizona Sacaton, Pima Indian School. Frank W. Thackeray.
12.346	Carnegiea gigantea	2	
12.347	Echinocactus Wislizeni	2	
12.348	Peniocereus Greggii	3	
12.349	Mammillaria Grahami	4	
12.350	Echinocereus Engelmanni ?	1	

12.351	Opuntia leptocaulis	4	(Arizona, Sacaton Fr. Thackery)
12.352	Opuntia acanthocarpa	1	
12.353	" arbuscula ?	1	
12.354	" Biglevii	1	
12.355	" 1 destr.	1	
12.356	Opuntia (Seeds of 12.351)		

		dec.	
12.357	Selenicereus	1	Cuba, Santa Clara, NyBG. 31983 N.L.B. 1910
12.358	Hylocereus	1	NyBG. 6170 Simon
12.359	Selenicereus "not grandiflorus"	1	NyBG. 6689 Simon, Paris. 1901
12.360	Hylocereus polyrhizus	2	Colombia, Ekenberg 1902 NyBG. 14641
12.361	Selenicereus brevispinus 1 destr.	1	Cuba Shafer 338 NyBG. 30107
12.362	" 1.	1	Bahamas New Providence 868 1904 NyBG. 21519

12.363	Hylocereus ocamponis	3
12.364	" Mediocactus coccineus B.&R. In Lab	1
12.365	Selenicereus	1
12.366	Hylocereus triangularis 1 destr.	1
12.367	"	1
12.368	Cereus pentagonus = Selenicereus rigidus	1
12.369	Selenicereus fulvocomatus	1
12.370	Hylocereus polyrhizus 1 ded	1
12.371	Selenicereus Maxonii	1
12.372	Selenicereus grandiflorus Maximilianus	1
12.373	Hylocereus	1
12.374	"	1

Mr. Barre 1901
NYBG. 9772
"Pernambuco" Simon 1901
NYBG. 6787
Cuba, El Cobre 1912.
NYBG. 35226 B.&C. 12879.
F. Weinberg 1910
NYBG. 32770
NYBG. 22197
Simon - 1901
NYBG. 6791
Haiti Nash #1504 1905
NYBG. #24088
NYBG. #6232
Bahamas, N.L.B. #2824 1905
NYBG. #22105
Italy, La Mortola. Berger by Rose 1912
NYBG. 36314
Santo Domingo, Taylor #314 1909
NYBG. #31795
NYBG. 27689

12.375	Coryphantha Cubensis	2	Cuba, Oriente Shafer #12432 '12 NYBG. 35225
12.376	Opuntia 1 destr. rhodantha?	acc 3	Colorado, Boulder, T.D.A. Cockerell
12.377	Opuntia Toyana	acc 2	Italy, La Mortola. A. Berger.
12.378	Hylocereus Guatemalensis Cereus trigonus guatemalensis	2 +1 DEC 22 1923	
12.379.	Hylocereus Cereus Napoleonis	1	
12.380	Hylocereus Cereus extensus	1	
12.381	Hylocereus Cereus Lemairei	1	
12.382	Opuntia	acc 2	Mexico, Oaxaca. Bet. Almoloyas o Tomellin. Nov. 1912 C. Conzatti "GG"
12.383	Mamillaria elegans	1	"J"
12.384	Opuntia Nelsonii Rose	1	"FF"
12.385	Opuntia 1 destr.	1	"H"

		acq
12.386	Mamillaria	
	"Bocasana"	1
12.387	" Modesta Rose nsp.	
	"Caput Medusae"	1
12.388	"	
	"centricirrha macrantha	1
12.389	"	
	"dolichocentra	1
12.390.	"	
	"decipiens"	1
12.391.	"	
	"pectinata	1
12.392.	"	
	"conoidea"	1
12.393.	" 1 dead destroyed	
	"Wrightii"	2
12.394	"	
	"spinosissima"	1
12.395	"	
	"potosina"	1
12.396	"	
	"uncinata"	1

Mexico, San Luis Potosi, S.L.P. Nov. 28, 1912
Mrs Irene Sera

12.397	Epiphyllum Gaillardae Rose, n.sp. 3	Acc	Canal Zone, Bas Obispo S. P. Verner
12.398	Rhipsalis Cassytha baccifera 5		
12.399	Cereus Aragoni 2	Acc	Costa Rica, San José, Museo Nacional, D. Alfaro.
12.400	Cereus "fulgidus" 1	Acc	England, Manchester, Heaton Park R. Lamb # 61
12.401	" "polyrhizus" 1		# 129
12.402	" "Boeckmannii 1		# 19
12.403	Hylocereus "setaceus" 1 dead destroyed 1		# 145
12.404	" " (Seedling) 1		
12.405.	Opuntia cholla 1		# 654
12.406	Nopalea Auberi 1		# 623

12.407	Hylo "Cereus Purpusii" (Spec. ded)	acc 1	Germany, Erfurt Haage & Schmidt.
12.408	" Vaupelii"	1	
12.409	" caesius"	1	
12.410	" Chilensis" 1 ded	1	
12.411.	Epiphyllum crenatum	acc 1	Geneva, 1912. Dr. Rose. NYBG. 36210
12.412.	" flavescens ad	1	Werckle, 1901 NYBG. 11966
12.413.	"	Dead 1	Werckle, 1902 NYBG. 11996
12.414.	" latifrons	1	Italy, La Mortola, Berger thru Dr. Rose NYBG. 36317
12.415.	"	1	Geneva 1912. Dr. Rose NYBG. 36211,
12.416	Rhipsalis	1	Costa Rica, San José, W.R. Maxon NYBG. 24943
12.417	Epiphyllum macropterum	1	"Piedras Negras" - Werckle, 1902. NYBG. 11993
12.418	" carthagense	1	Weinberg 1903 NYBG. 19161

12.419	Epiphyllum stenopetalum	acc /	Simon, 1901
12.420	" cartagense robustum	/	NYBG 6:37
			Weinberg 1903
			NYBG. 19161
12.421	" cartagense	/	Wilmaxon 1906 - Costa Rica
			NYBG. 24944
12.422	Opuntia rutilis 1 destr.	acc /	Arizona, Coconino Co., Supai
			A.H. Symons.
12.423	Echinocereus Engelmannii	/	
12.424	" " ?	/	
12.425	Echinocactus Wislizenii	/	
12.426	Pilocereus Celsianus Oreocereus	acc /	Germany Erfurt. Dec. 16, 1912.
12.427	" Dautwitzii	/	F.A. Haage jun.

1918 - 1921

1918

1.

2. Lilaeopsis
Chico, Calif.

Chico, Calif. G. P. VanEseltine,
coll. Feb. 24, 1918

18.3 Pereskia pereskia

Bahia Brazil. L. Zehntner 1918

18.4 Echinocactus rhodacanthus

South Cal. Dr Shantz March 1918

18.5 Mammillaria dioica

18.6 Coryphantha durangensis

Mexico Dr. Chaffey
1917.

18.7 Selenicereus Dead. destroyed

Isthmus Tehuantepec Mex
C. Conzatti

18.8 Rhipsalis

18.9 Coryphantha retusa

Oaxaca Conzatti

18.10 Pereskia Zehntneri

Bahia, Brazil

18.11 Sedum compactum Rattan

Ontario Peak, San Antonio Mts, Southern Calif.
I M Johnston # 1814 March 24 1918

18.12 Selaginella

18.13 Hasseanthus

18.14 Hasseanthus

18.15 Dudleya

18.16 Dudleya

18.17 Dudleya

18.18 D. pulverulenta

1819 Hylocereus

18.20 Mamillaria Karwinskiana

18.21 Dudleya pulverulenta

18.22 Bulb.

18.23 Sedum

California; G. P. VanEseltine, coll.
(Recd Apr. 16, 1918)

Lone hill, South of Glendora Los Angeles Co. Cal.
J. M. Johnston 1918

California, Hills South of Ontario
J. M. Johnston 1918

Cucamonga Cañon, San Antonio Mts. San Bernardino Co. Cal.
J. M. Johnston. Apr. 1st 1918

San Jacinto Cañon, San Jacinto Mts, Riverside Co. Cal.
J. M. Johnston Apr. 3rd 1918

Lone Hill South of Glendora, Los Angeles Co. Cal.
J. M. Johnston Mar. 30, 1918

Hills S. of Ontario San Bernardino Co. Cal.
J. M. Johnston Mar 31, 1918.

Honduras F. J. Dyer 1918

Oaxaca B. P. Reko. 1918

Cal. Chula Vista Cal. April 24 1918

France Dr. Glover Wilcox 1918.
Near Toul

France, Near Toul.
Dr. Glover Wilcox 1918

18.24 Sedum.

18.25 Agave lechuguilla

18.26 Opuntia

18.27 Lemaireocereus.

18.28 Acanthocereus

18.29 Echinocactus viridescens
dead & preserved

18.30 Cactus dyeri

18.31 Opuntia occidentalis

18.32. Opuntia occidentalis

18.33 Opuntia serpentina

18.34. Mammalaria dioica preserved
dead &

18.35 Opuntia prolifera

Near Toul, France
Dr. Glover W Lecy 1918
El Paso, Texas
E.O. Wooten March 26 1918
Tegucigalpa, Honduras.
A. 276. - H. J. Dyer, April 16, 1918
Tegucigalpa, Honduras.
A. 273. H. J. Dyer, April 9, 1918
Tegucigalpa, Honduras
A. 272 - H. J. Dyer. April 9, 1918

Dr Shantz Southern Cal. May 1918

Comayagua, Honduras
George W. Ellis A 267 May, 1918
Southern California,
Dr. Shantz. May, 1918.
Southern Cal.
Dr. Shantz May, 1918.
Southern Cal.
Dr Shantz May, 1918.
Southern Cal.
Dr. Shantz May, 1918
Southern Cal,
Dr Shantz May, 1918

18.36 Tacinga funalis

Dead
18.37 Rhipsalis angustissima

18.38 Mammillaria 3 specimens
head + pups

18.39 Mammillaria similis
seeds

18.40 Opuntia.

18.41 Echinocereus
Dead + preserved

18.42 Echinocactus cylindricus 3 spe.

18.43 Deamea

18.44
Orchid

Bahia Brazil, Jan 1917

Costa Rica.
Alfredo Breade June 6, 1918
Aberdeen, N.C.
Near Mandan N. D. June 1918
A. Ruth
Polytechnic, Texas June 1918
Camp Hancock, Augusta, Georgia.
Robert Leslie (H. K. Smith) June 7, 1918

Eggleston 1918.
Southern California
S. C. Mason, June 1918
Honduras
Dyer
Near Zaragura, ~~Ecuador~~
Ecuador 9/7/18

19.1 Saintpaulia ionantha 3 s/s.

19.2 Cereus setosus 8 cuttings

19.3 Cereus. night-blooming. 3 cuttings

19.4 Cryptantha retusa dead

19,5 Dianria
Head preserved

19.6. Opuntia kleyenia Britton 2 cuttings

19.7. Opuntia 3 cuttings

19.8 Opuntia macrantha Gibbes 4 cuttings

19.9 Opuntia tunicata Gibbes 2 cuttings

19,10 Echeveria seeds

19,11 Opuntia occidentalis

Colombia, Medellin.
W. O. Wolcott. Nov. 8. 1918.

Colombia .. Medellin
W. O. Wolcott Nov. 8, 1918

Oaxaca, Mexico.
Dr. B. P. Pike.

5,000 ft. alt.
Siguicalpa, Honduras, 20 mi n.w.
F. Morris Dyer (A 302)

Hammock, Key Largo, Florida.
J. K. Small, April, 1916

Maganque, Colombia. (near)
F. W. Pennell. (46074) 1918

Near Island, Charleston, S. C.
J. K. Small. Feb. 7, 1919.

Rockwell, S. C.
J. K. Small Feb. 6. 1919.
H. Pittier (no 7043)
Los Chorros de Tomale' Venezuela

Santa Ynez, California
J. P. Harrington Feb. 1919

Specimen No 1. "Distinguished by its tabbe. almost tree-like growth, generally larger size and good flavor of its fruit. Often grows among the other species

19.12 Opuntia Coville

19.13 Opuntia Coville

19.14 Opuntia basilaris

19.15 Calicia repens

19.16. Schumbergiana russelliana

19.17 Echinopsis multiplex

but can be distinguished."

Santa Ynez, Cal.
J. P. Harrington. Feb. 1919.
Specimen No. 3." Distinguished by its lower growth (plant is practically identical with that (specimen No. 2) but has very small roundish fruit. No specimens of the fruit were obtainable."

Santa Ynez, California.
J. P. Harrington. Feb. 1919.
Specimen No. 4." Distinguished by its lower growth (plant is practically identical with that of specimen No 2), but its very small roundish fruit has a salty taste"
El Dorado Canon, Clark Co., within 2 miles of Colorado River,
Ivar Tidestrom, No. 8863, April 4, 1919.
Santo Domingo
J. N. Rose No. 13,417. 1913.
Brazil
J. N. Rose 21171
U.S.B.P. No. 41330.

19.18 Hylocereus cubanus

19.19 Opuntia cuneata

19.20 Mammillaria
1 part to Nr 13

~~19.21 Opuntia cuneata~~ = 1919

19.22 Echinocereus mojavensis

19.23 Coryphantha chlorantha

1924 Echinocactus whipplei

19.25 Opuntia

19.26 Echinocereus rigidissimus

19.27 Echinocactus polyancistrus
(spec. in Cat. 9/14/19.

19.28 Echinocereus rigidissimus

19.29 Opuntia seedling

19.300puntia seedling.

Jala Hills, Cuba.
Brother Leon, 1912.
St George Utah J. Tidestrom

B.P. Rekko Oaxaca 1918

St. George, Utah
Ivar Tidestrom May 1919

" " "

Green Rive Utah pr. Jones
May 24/19

Harbor Key, S.W. Big Pine Key, Fla.
Paul Bartsch

Nogales, Mexico
F. J. Dyer a. 313 May 25, 1919.

Goldfield. Nevada
Ivar Tidestrom, (9722) June 1, 19

Nogales, Mexico
F. J. Dyer (a 315) June,
" (a 318)
" (a 323)

19.31 Opuntia seedling

19.32 Opuntia erinacea (2) plants
Dr. Britton

19.33 Opuntia

19.34 Echinocereus rigidissimus

19.35 Echinocereus rigidissimus

19.36 Coryphantha vivipara-form

19.37 Mammillaria vulgaris
Dead & mounted

19.38 Hylocereus calcaratus B+R

19.39 Hylocereus stenopleurus B+R

19.40 Aloe

19.41 Mesembryanthemum

19.42 Adiantum 2 forms

19.43 Opuntia

Nogales, Arizona
7. J. Dyer (a 324) June
Goldfield, Nevada (9786)
Ivan Nelstrom, June 5
Nogales, Mexico
a. 327 — 7. J. Dyer June,

a. 328 "

a. 331 "

a. 329 "

a. 330 "
San Mateo, Costa Rica
C. Wercklé
" "

C. E. Hyphear

"
Petaluma, Sonoma Co. Cal.
George Syme
Bet. Hardesty & South River, Anne Arundel Co. Md.
W. R. Maxon. June 29.

19.44 Mammillaria

19.45 Phaedranassa tricolor
= Rose 22573

19.46
= Rose 22573

19.47
= 25849

19.48 fl. To H.G. 9/9/19
= Rose 22573 bulbs to be sent.

19.49 Eucrosia mirabilis Ravenh
= Rose 22573

19.50 Phaedranassa tricolor Ravenh
= Rose 22573

19.51 - Phaedranassa tricolor
= Rose 22573 = 19.52

19.52 Phaedranassa fl. 8/19/19
= Rose 22573

19.53
= Rose 22 573

19.54 Commelina
= Rose 22622

19.55
= 22295, (hypocotyledon)

19.56

Near Comayagua, Honduras. A335
By José María Aguirre & Fr. J. Dyer, Naolejo, June 1919

July 9, 19

July 10, 19

July 10, 19

July 10, 19

July 10, 19

July 10, 19

July 10, 19

July 10, 19

July 10, 19

(Rose-Ecuador 1918) = July 10, 19

(Rose-Ecuador, 1918)

July 15, 19.

19.57	Agave intermixta Trel.		Dr. W. L. Abbott Apr. 19.
	"Seeds of Aloe"		Constanza, San Domingo 3500 ft
19.58	Deltaranthus bifolia		Dr. W. L. Abbott
	"Bulbs of a Lily"		Constanza, S. Domingo Apr. 19
19.59			Dr. W. L. Abbott
	orchid	N4	Hondo-Rio Grande Valley, S. Domingo May 8, 19
19.60			"
	"	N4	" "
19.61			"
	"	N4	"
19.62			
	"	N4	"
19.63			
	"	N4	"
19.64			
	"	N4	"
19.65			
	"	N4	"
19.66			
	"	N4	"
19.67			
	"Live Cactus, vizcaguites"	2 - N.4	Dr. Rebo
19.68	Setcreasea		Oaxaca
	Commelinaceae = 07.183		Growing in cactus greenhouse
19.69	Commelina		July 10, 19
			Growing in cactus greenhouse
			July 10, 19

19.70. Callisia

71 Echinocereus nigrisseimus

72 " "

73 Mamillaria MacDougalii

74 Opuntia Santarita

75 Mowiolea cavendishii

76 Selenicereus

77 Cooperia drummondii

78 Mamillaria

79 Rathbunia

80

81. Mamillaria ~~vivipara~~ 1-U.S.N.H.

82 Echinocactus Wislezinus 1-U.S.N.H.

Growing in N.W. corner cactus greenhouse

July 15, 1919.

D.J. Dyer, Nogales, Ariz. May 31, 1919
= A 314 / 4000 ft. near top of rocky hill"

" "

= A 315

D. J. Dyer, Nogales, Ariz. June 22, 1919
= A 333 (side of rocky hill ½ mi w. of town"

D. J. Dyer, Nogales, Ariz. June 19, 1919
(top of stony hill on western edge of town" = A 332

Calilegua, Argentina; (Shafer, 1917-74A)
= Def. Plty. # 45476 Received July 19, 19.

St. Thomas, Virgin Is.
= 18.?

Seeds planted by Mr. Orcutt 7/12/19; pl. found 7/25/19

E.C. Rost
Colorado Desert, Cal. 1919
= N.Y.B.G. 12469

Rio Dongal; Sonora Mex. 1902

Nogales, Sonora, Mex.
D.J. Dyer July 13, 1919

"

"

19.83. Opuntia

19.84. Stizolobium

85. Mammillaria

86. Mammillaria

87. Mammillaria

88. Mammillaria

89. Mammillaria T.M.4

90. Encroxia Morleyana
= 22593 near Phantasosa fl. Aug 1920

91.
= Rose 22573

92. Crassula rosularis

93. Crassula corymbulosa

94. Hyptis sulphurea
seeds only

95. Mammillaria macdougalii

F. J. Dyer:
Hoyales, Sonora July 13, 1919
= Rose 22651 Ecuador

Dr. Reko
Nuevo Laredo, Oaxaca, Mex. July 27, 1919
"
"

Orcutt
San Diego, Calif Aug. 1919
Orcutt
San Diego, Calif. "

Cape Town S. Africa
C. E. Hipsher " Barboursville, W. Va. 8/20/19
"
"

(Howard July 1925)
E. E. Hipsher Barboursville W Va 8/20/19
F. J. Dyer, (Includ. Lack of Nogales, Ariz.
(= A342) 8/3/19

19.96	Mammillaria	macdougalii	D. N. 4
97	"	"	D. N. 4.
98	"	"	
99	"	vivipara	part D. N. 4.
100.	Lobivia	pentlandii	
101.	Opuntia	pentlandii	
102.	Trichocereus	candicans	
103.	"	spachianus	
104.	"	lamprochlorus	
105.	Mammillaria	carmenensis	
106.	Selenicereus	hamatus	
107.	Harrisia	(Cereus atropurpureus)	
108	Cereus	zancacani	

P. J. Dyer, (rocky hillside no. of High School)
(= A 846) Nogales, Ariz. 8/10/19

(= A 347) " " "

(= A 348) " " "

(= A 349) " " "

4000 ft. alt.
C. G. abbot,
El alto, above La Paz, Bolivia May 28, 1919.

" " "

Theodosia B. Shepherd Co, Sept 2, 1919
Ventura, Calif.

19.109. Sedum multiceps
=683

19.110. Opuntia

19.111. Pelecyphora pectinata

19.112. Mamillaria elongata DC

19.113 Mamillaria sphacelata

19.114 Coryphantha pallida Rose

19.115

19.116 Mamillaria missouriensis

19.117 Haworthia sp.
(seedling)

19.118. Rochea sp.
(Seedling)

19.119. Aloe linearis
(seedlings)

19.120. Opuntia

M. E. Jones, Mex.
Flowered in greenhouse Sept. 29, 1919

Mrs. J. D. Moore, Houston, Texas
Sept 15, 1919.

Dr. B. P. Reko, Oaxaca, Mexico Sept. 30, 1919
5 to N. Y.; 2 to Mr. Rose; 2 to Hipsher

Hills behind El Riego, Tehuacan Mex
Dr. B. P. Reko (#4212) Sept. 7, 1919.
" (#4210)
" (#4211)

J. E. Aspinwall, La Grange, Ky. 10/28/19

(Nr. 378) E. E. Hipsher.
Cape Town, South Africa
(No. 393) E. E. Hipsher
Cape Town, South Africa
E. E. Hipsher.
Cape Town, South Africa

J. J. Dyer
Arizona close to the border "Nogales 11/3/19

19.121.	Mamillaria	P. J. Dyer; from Honduras growing at Nogales, Mex.	11/3/19
19.122.	Echinocereus reichenbachianus	P. J. Dyer, Nogales, Arizona	11/2/19
19.123.	~~Rhipsalocactus~~ Lepidocactus truncatus Sch.ex Berge	In greenhouse without other data except 6-3-18, M. Fraile	11/19/19
19.124.	Mamillaria lasiacantha var denudata	Camuticlo Co. Box 74, Camuticlo Texas	#1 11/21/19
19.125.	" " micromeris	" found 28 mi " "	#2 "
19.126.	" "	E. V. El Paso, Texas. on ledges Huco Mts. limestone	#3 "
19.127.	" "	" "	#4 "
19.128.	Opuntia polyfera	E. C. Rost, Alhambra, Calif.	
19.129.	Opuntia vulgaris	" " "	
19.130.	Opuntia leucotricha	" " "	
19.131.	Echinocactus recurvus	B. P. Reko, Oaxaca, Mex.	11/10/19
19.132.	Mamillaria	" " "	
19.133	Mamillaria pyrrhocephala	" " "	

19.134. Stropholyles helvola — Seeds; gift, Rose Atlantic City N. J. Sept. 1919.

19.135 Ofiendia brachycarpa Small red — Shell mounds 5 m. South of Delora. Fla Jul. 30 1919

19.136 Epidendrum tampense Lind. Orchid — Florida (Exact origin unknown) Plant in dept of Ag. greenhouse Dec. 1919

20. 1.	Mammillaria recurvata	Nogales, Mex., R. J. Dyer.	Jan. 1920.
2.	Opuntia dillenii	Terra Cita, Fla. J. R. Robinson	Jan. 1920
3.	Harrisii	"	"
4.	Echinocactus bicolor	Saltillo, Coahuila B. P. Reko	Jan. 1920
5.	" conglomeratus	"	
6.	Coryphantha dead + preserved	Jardin, Mex.	
7.	Lophophora williamsii	"	
8.	Mammillaria elegans	"	
9.	Echinocereus pectinatus	"	
10	Pereskia conzattii	C. Conzatti Oaxaca	Received Feb 1920
		Two seeds planted.	
11	Echinocereus reichenbachianus	E. D. Schultz Classen Ranch, Bexar Co. Texas	Feb 1920,
12	Echinocactus corrigens	C. Conzatti Oaxaca Mexico	Feb. 1920
13	Rhipsalis	G. Stahel Paramaribo, Surinam	March 1920.

20/14. Mammillaria macromeris
1 specimen

20,15 Peperomia
See 20.17 1 to Kew

20.16 "
= Rox 24078 1 to Kew

20.17 Peperomia magnoliifolia DC.
= 20.15

20.18 Hylocereus 2 specimens

20.19 Rhipsalis Sommeri Bleau

20.20 Mammillaria radiosa dessertii Coulter

20.21 Echinocactus polyancistrus

20.22 Mammillaria tetrancistra (sometimes called M. phellosperma)

20.23 Echinocereus engelmannii

20.24 Epiphyllum weingartii
dead

20.25 Mammillaria

20.26 Mammillaria

Rincon, New Mexico.
A. J. MacDougal, March 13, 1920.
W. E. Safford Florida

J. N. Rose near Huigra Ecuador

Royal Palm State Park Paradise Key Fla.
1917 W. E. Safford (20.17)
W. O. Haller A. Medellin Colombia 1919

Part of type Received from Beaumont 1920

E. [illegible] So. Calif. [illegible]
E. C. Rost March 1920.

E. C. Rost March 1920

E. C. Rost March 1920

E. C. Rost March 1920
(Cultivation) Darmstadt
A. Berger March 1920
Mexico
O. Solis March, 1920

20.27	Mammillaria elegans	Mexico Octavio Solis — March, 1920
20.28	Echinocactus grandis	" "
20.29.	Echinocactus falconeri	" "
20.30	Echinocactus longihamatus	" "
20.31	Mammillaria karwinskiana	" "
20.32	Mammillaria sp	" "
20.33	Echeveria spruceii	Ecuador — 1918 J. N. Rose.
20.34	Solanum	Calama, Chile — March 1920.
20.35.	Cactus Dead & pressed	"Near sea-strand, some kilometers north of the light-house at Pitúba [Brazil] on the hills of pure white sand" L. Gehrtner — 2/13/20
20.36.	Cactus melocactoides	Muritiba, vicinity of Cachoeira and S. Felix. — 2/12/20 L. Gehrtner
20.37.	Rhipsalis Growing on Anacardium occidentale	Cape Colnett, Lower Calif. C. R. Orcutt — July 1919
20.38.	Echinocereus orcuttii	

20.39.	Mammillaria	"Within 40 miles of Tucson" Arizona Forest Shreve 1920
20.40	Echinocactus	Near San Antonio, Texas Miss Ellen Schulz 4/22/20
20.41	Mammillaria heyderi	"
20.42	Echinocereus enneacanthus	"
20.43	Echinocereus reichbachianus	"
20.44	Dudleya brauntonii	From Type Locality E Braunton 4/22/1920 Near Los Angeles Calif
20.45	Rhipsalis jamaicensis	Mason & Killip #1509 Ipswich, Jamaica 4/1/20
20.46.	Opuntia dillenii	Near Port Antonio, Jamaica Mason & Killip #1702 2/20/20
20.47.	Rhipsalis cassytha	Mason & Killip #1514 Hope River Valley, near Rockfort, Jamaica; Mason & Killip #1705 2/8/20
20.48	Cactus melocactus	Polytechnic, Texas A. Ruth 4/24/20
20.49	Mammillaria similis	"Supts. 3 ft. across"

		Col.	Post
20.50	Echinocactus cylindraceus		
20.51		Pechard (= 122. Seeds)	Ecuador
	Amaryllidaca		
20.51	Wilmattia minutiflora	Guatemala	May 1920
	1 to Ny.	Harry Johnson #15 (164)	
20.52	Epiphyllum	" #16 (165)	"
	Dead	" #(14) 163	"
20.53	Deamia testudo	Paramaribo, Surinam	
	1 to Ny.	Gerold Stahel #1	May 1920
20.54	Epiphyllum phyllanthus?	#2	
20.55	Opuntia boldinghii B&R	// #3	
20.56	Nyctocereus serpentinus (Hook.) B&R	#4	
20.57	Lemaireocereus	#5	
20.58	Rhipsalis cassutha?	(Mgr B G) Big Pine Key, Fla.	
20.59	Opuntia	J. K. Small	1919
20.60	Opuntia austrina	" Cape Sable, Fla	1916

20.61	Opuntia	(4139)	Rockville, S.C.
20.62	Opuntia		J. K. Small 1919
20.63	Opuntia macrantha	"	Houma, La.
			Wurtzlow 1919
20.64	Opuntia	"	Charleston, S.C.
			J.K. Small 1917
20.65	Opuntia	"	Pignum Vitae Key, Fla.
			J. K. Small 1919
20.66	Opuntia ammophila	"	Cape Sable
			J. K. Small 1917
20.67	Opuntia drummondii	"	Hat George, Fla.
			J. K. Small 1918
20.68	Opuntia	"	Charleston, S.C.
			J. K. Small 1917
20.69	Opuntia keyensis	"	Apalachicola, Fla.
			J.K. Small 1916
20.70	Mammillaria radiosa	"	Umbrella Key, Fla.
			J.K. Small 1917
20.71	" Leptocaulis "	Mrs. S. L. Pattison	
		Carrizo, Texas (#1)	May 1920
20.72	" grahamii	"	(#2) "
20.73	Echinocereus enneacanthus	"	"
		"	"

20.74	Echinocereus Texensis	Ellen Schultz, San Antonio, Tex. June 1920
20.75	Mammillaria	" " "
20.76	Opuntia leptocaulis dead-preserved	" " "
20.77	Stenomesson =Rose 24089, Ecuador 1918	J. N. Rose; Mts. south of Cuenca, Ecuador
20.78	Stenomesson =23153 Rose Ecuador 1918	
20.79	=22581 Rose Ecuador 1918 (by)	
20.80	Fragaria	Grown by Wilcox 1919
20.81	Fragaria 1 spec. pressed Plant sent Strawberry Col. Dept Ag.	Grown B Wilcox 1918
20.82	Hesperanthus crantii n.sp. Rose	E. R. Orcutt 6/15/1920 La Jolla, Calif.
20.83	Seeds of _____	Arizona; Dr. Hough
20.84	Echeveria leucotricha	Darmstadt, Ger. (cult.) June 1920.
20.85	Echeveria setosa	A. Purpus June 1920
		" "

20.86	Echeveria pilosa	Darmstadt, Ger.
20.87	Urbinia purpusii × Echeveria setosa	A. Purpus June 1920
20.88	Rhipsalis tonduzii	" "
20.89	Rhipsalis werckleii	A. Berger, Stuttgart, Ger. "
20.90	Rhipsalis clavata	" " "
20.91	Rhipsalis werckleii	" " "
20.92	~~Hylocereus~~ Lepismium bridgesii	" " "
20.93	Zygocactus delicatulus	" " "
20.94	Almo	" " "
20.95	Rhipsalis shaferi	A. Pachano #102 - Ecuador
20.96	Rhipsalis ?	Posada, Arg. (N.Y.B.G. 48548) June, 1920
20.97	Rhipsalis platycarpa	Shafer #(134) 131 1917.
		Rio de Janeiro, Braz. (NYBG 43058)
		J.N. Rose #20400 1915
		Organ - Misszoo, Braz. (NYBG 43440)
		J.N. Rose #21159 1915

20.98 Acanthocereus brasiliensis — Vila Nova, Braz. (N.Y.B.G. 42858) J.N. Rose # 19933 — 1915

20.99 Cereus polyhizus — Weinberg (N.Y.B.G. 14641)

20.100 Arrajadoa penicillata — Machado-Portello, Braz. J.N.Y.B.G. 42982 J.N. Rose 19913 — 1915

20.101 Rhipsalis sulcata — (N.Y.B.G. 16082)

20.102 Hariota salicornioides — Bot. Gard, Berlin — 1902

20.103 Rhipsalis elliptica — Union (N.Y.B.G. 6166) — 1901

20.104 Rhipsalis clavata — Brazil (N.Y.B.G. 43167) Rose 20874 — 1915

20.105 R. cassytha — Brazil (N.Y.B.G. 43065) Rose 20403 — 1915

20.106 Peperomia — " (N.Y.B.G. 43015) 19896

20.107 Peperomia galioides Kunth — Ecuador (N.Y.B.G. 46610) " — 1918

20.108 Rhipsalis pachyptera — Ecuador (N.Y.B.G. 46607) J.N. Rose — 1918

20.109 Rhipsalis crispata — J. N. Rose = 24094 — 1918

Rio de Jan., Braz. (N.Y.B.G. 43023) J.N. Rose 20332 — 1915

Organ Mts, Braz. (N.Y.B.G. 43441) J.N. Rose 21154 — 1915

20.110 [illegible]

20.111 Rhipsalis russellii

20.112 Pachyphytum amethystinum

20.113 Monvillea

20.114 Hylocereus

20.115 Rhipsalis dissimilis

20.116. " oblonga

20.117. Arrajadoa rhodantha

20.118 Rhipsalis

20.119 Borzicactus

20.120. Cotyledon orbiculata

20.121 Rhipsalis mesembrianthemoides

Corozal, Colombia (NYBG 460068)
J.W. Pennell 1918
Boca de Onca, Braz. (NYBG 942979)
J.N. Rose 20106 1915
(NYBG [illegible])
J.N. Rose 2993 1906.
Trinidad, Paraguay (NYBG 945510)
Jas Shafer #133 1917
Yucatan, Mex. (NYBG 945882)
C. F. Gaumer 23428 1917
Brazil
Rose 20709 1915
" "
Rose 20249 "
" "
Rose 19791 "
Ecuador
Rose 23247 1918
Cotamaya Valley, Ecuador
Rose 23029 1918
Weinburg 1906
Brazil
Rose, 20246 1915

20.122 Cereus	Paraguay	
	Ashafer 150a.	1917
20.123 Cephalocereus leucotele	Brazil	
	Rose 19902	1914
20.124 Schlumbergera	Brazil	
	Rose 21170	1914
20.125 Zygocactus	Argentina	
	Rose 20901	1915
20.126. Rhipsalis dissimilis	Brazil	
	Rose 20707	1915
20.127 Cephalocereus phaeacanthus	Brazil	
	Rose 20095	1915
20.128 Epiphyllum maxonii	Weinberg	
		1901
20.129 Cereus polyrhizos	Weinberg	1902
20.130 Rhipsalis radicans	Brazil (NYBG 430054)	
	Rose	1915
20.131 Hylocereus	Venezuela	
	Rose 21870	1916
20.132 Monvillea	Guayaquil, Ecuador	
	Rose 22117	1918
20.133 Albizzia	Africa (large spreading tree)	
	N. L. Shantz (BPI 49288 Reid 1/28/20	
20.134 Pereskia aculeata	(fruit yellow, 5 in. diam.)	
	" (BPI 49311)	

20.135	Rhipsalis pittieri (dead) all in bulb	H. Pittier, Valencia, Venez. June 1920
20.136	Rhipsalis	
20.137	Mammillaria macromeris	Mrs. S. T. Pattison, Carrizalo, Texas July 1920
20.138	" macracantha	" "
20.139	" tuberculata	" "
20.140	Coryphantha nuhlenfortii	" "
20.141	missing	
20.142	Harrisia	Bot. Gard, Asuncion, Paraguay Dr. C. Fiebrig (#1) Recd 7/20/20
20.143	Epiphyllum phyllanthus jenkinsonii	#2
20.144	Cleistocactus baumannii	#3
20.145	missing	#4
20.146	Cereus.	#5
		#6

20.147 ~~Echinocactus~~
Frailea pumila (Lemaire)

20.148 Echinocactus schumannii
Dead & destroyed

20.149 Cereus

20.150

20.151 Wilmattia minutiflora
Monvillea spegazzinii

20.152 Cereus

20.153 Opuntia

20.154 Opuntia

20.155 Medio cactus coccineus

20.156 Rhipsalis shaferi Rr + Pa

20.157 Opuntia

20.158 Opuntia

Dr. C. Fiebrig
Paraguay (do.)
#7

#8

#9

#10

#11

#12

#13

#14

#15

#16

#17

#18

20.159 Harrisia

20.160 Cereus

20.161 Seedo (small black)

20.162 Seedo (compact)

20.163 Diodea
Seedo

20.164 Rhipsalis cassutha

20.165 Rhipsalis tonduzii BACCIFERA

20.166 Epiphyllum

20.167 Epiphyllum macropterum

20.168 " grandilobum

20.169 Hylocereus stenopterus
Britt.

Paraguay # 19

20

Paraguay Bot Gard.

"

"

"

Guatemala; H. Johnson
263 7/12/20

224

225

Costa Rica W. Popenoe
406 7/12/20

403

404

20.170	Epiphyllum mahoyanum	E. E. Hipsher, Barboursville, W. Va. 7/12/20
20. 171.	Kalanchoe spathulata	" (from Bengal India)
20. 172.	Manfreda maculosa	"
20. 173	Aloe lineata	" (Cape Town, Africa)
20. 174	Eucharis grandiflora	Ecuador, J. M. Rose 1918
20. 175	Phyllocactus chiapensis	#23627
20 176	Mammillaria donatii	Erfurt, Germany, Haage & Schmidt
20 177	" waltonii	
20 178	Opuntia spegazzinii	
20. 179	Mammillaria sartorii	
20 180	Rhipsalis warmingiana	
20 181	" chloroptera	

20.182 Echinopsis meyeri

20.183 Mammillaria bocensis

20.184 " schelhasii

20.185 " bumeana

20.186 Rhipsalis cruciformis

20.187 Mammillaria krameana

20.188 " potosina

20.189 Phyllocactus chiapensis

20.190 Cereus damazioi

20.191 Opuntia clavarioides

20.192 " dorffii

20.193 Polypodium
=24088

Ahuiga, Ecuador J.H.Rose
Aug 21-28, '18
Sept

20194

Philippiamia pachyphyllum Kunth

20,195 Opuntia
2 specimens

20.196 Mammillaria prolifera

20.197 Pereskia portulacifolia DC

20.198 Opuntia ramosissima

20,199 Selenicereus

20.200 Selenicereus

20.201 Opuntia polleadi

20.202 " "

20.203 " "

20.204. Cephalocereus polylophus (Rum) B. & R.

20.205 " "

Calana Chile 1920

Beaufort, N. Carolina
R. L. Barney July 1920
Haiti (746)
W. L. Abbott & E. C. Leonard 1920
" "
Haiti (850)
E. E. Hipsher
Yucca, Arizona 1918
E. C. Leonard
Haiti (1281) 1920
Received through W. E. Safford 1918
St. Thomas Virgin Islands
Millsboro, Del.
J. K. Small July 30, '20
Rehoboth, Del.
" 29 "
" Cape Charles, Va
" 31 "
Port-au-Prince, Haiti
Leonard #5316 7/18/20
Leonard
#5317 July '20

20.206 O. dillenii

20.209. "

20.210. O. caribbaea

211 O. taylori B. & R.

212 O.

213 O. moniliformis (L.) Haw.

214 Limaniocereus lepidix

215 Not used

216 Cereus hexagonus

217 Lepthocereus

218 Selenicereus

207 Harrisia nashii

208. Nopalea cochinellifera

P-an-P. Haiti
E.C. Leonard #5318 7/14/20
Gonave Is. Haiti
E.C.L. 5319 July/20
P-an-P.
#5320 7/14/20
P-an-P.
#5321
Morne Vercelles
#5322
P-an-P.
#5323
" 7/14/20
#5324
"
#5325 "
Petionville
#5326 6/25/20
P. an. Pr.
#5327 7/14/20
"
5328 "
"
5329 "
Gonave Is.
5330 July/20

20.219. (204) Mammillaria vivipara — Boulder, Colo. D. M. Andrews 8/16/20

20.220 (216) Mam. simpsonii (2) — " "

20.221 (211) Mammillaria rep — Sonora, Mexico Dr. Wm. Reis Aug. 1920

20.222 (214) Lemaireocereus hystrix — Surinam J. Stahel Aug. 1920.

20.223 (213) Opuntia Millerii n. sp. (1) — Quito, Ecuador Rev. Louis Mille — Aug. 1920.

20.224 (214) Seeds from China (Meyer)

20.225 Mammillaria nivea — Los Angeles, Calif: 8/12/20 Carl Ackerman

20.226 " erecta — "

20.227 " elegans — "

20.228 Psoralea — El Paso Tex. 9/7/20

20.229 Opuntia — On limestone rocks, near Mechanicsburg, Pa., J. Kunsch 8/20/20

20.230 Seeds of Epiphyllum pumilum — Chamá, Alta Verapaz, Guatemala Harry Johnson 1920

20.231 Seeds of Echinocactus sp. — Painted Desert, Arizona W. N. Clute aug. 1920

20.232 Stenomesson hartwegii

20.233. Phaedranassa chloracea
Found Nov 28 1924

20,234 Echinocactus

20.235 Coryphantha pycnacantha

20. 236 Echinocereus triglochidiatus Engl.

20. 237 Opuntia opuntia

20.238 Mammillaria

20.239 Opuntia opuntia

20.240 Opuntia whipplei

20. 241. Mammillaria echinaria
Dead specimen

20.242 " arizonica

20.243 Opuntia

Coniferales, above Cuenta, Ecuador,
9500 - 11,000 ft. 28 July
L. Söderström 8/11/20

Guapulo, above Mackangora River,
Ecuador. L. Söderström 8/11/20

Painted Desert Arizona
W.H. Clute 1919

Oaxaca, Mex.
C. Conzatti Sept. 1920

Lamy, New Mexico
J.H. Ferriss 9/15/20

Gary, Ind.
J.H. Ferriss "

Grand View, Grand Canyon, Ariz.
J.H. Ferriss "

" " "

Painted Desert, near Tuba, Ariz.
"cones abort", with cente (J.H. Ferriss)

Pajarita Mts., Ariz.
J.H. Ferriss 9/15/20

Navajo Co., Ariz.
J.H. Ferriss "

Santa Rita Mts (near ground)
W.H. Clute "

20.244	Rhipsalis purpusii	Finca Mocho, Chiapas, C.A. Purpus Sept 1920. #9 9/15/20
20.245	"	" "
20.246	Melocactus	#1 San Geronimo, Oaxaca "
20.247	Cereus	#6 Barranca de ~~Panoaya~~ Tanampa "
20.248	Mammillaria sartorii	Vera Cruz #7 " "
20.249	Epiphyllum	Chiapas, Mex. "
20.250	"	#8 Barranca de Tanampa Vera Cruz "
20.251	Deamia	#10 Chiapas "
20.252	Cereus acanthosphaera	#3 Barranca de Tanampa, Vera Cruz
20.253	" "	#5 " " Panoaya
20.254	Rhipsalis cassutha	#4 " " "
20.255	Brena loeata Tang. Secl. on monkey	#2 French Congo, Ogovi 6/3/16
20.256	Lunch " "	" " "

20.257. Mammillaria

20 258 Mammillaria wildii

20 259 Cereus

20.260 Mammillaria bicolor

20.261 Mammillaria radiosa

20.262 " macromeris

20.263 Echinocactus horizonthalonis

20.264 Mammillaria nivea

20.264 " sheareana sp?

20.265 Pedrocactus crispatus

20 266 "Sedum" nupeodrefolia"

20 267 Opuntia fragilis

20 268 Bolgonia

Seedling pentstemon origin unknown developed in our greenhouse.

Los Angeles, Calif
Carl Ackerman 9/20/20

Camuticllo, Texas
Mrs. S. P. Pattison 9/20/20
"

"

Los Angeles, Calif. 9/20/20
Carl Ackerman
"Grand View Grand Canon" but-ferhelp
from South Rogers Jas. Thomas
Grand View Grand Canon Jas Thomas

Bela Lakin mines near Banks
Paso Angeles Jos Pierce Ariz
Grand Canon " " "

West of Loja Ecuador Rec - 1918

20.269 Begonia

20.270 Aporocactus conzattii

20.271 Mammillaria

20.272 Mammillaria longiseta nsp

20.273 Opuntia
=#1

20.274 Mammillaria Kewana Rose
nsp -#2

20.275 Mammillaria
=#4

276 Mammillaria roseana
=#7

277 M. brandegei
=#6

278 Echinocactus
=76

279
Seed with above package

280 Pachycereus mocciniana
seeds

Near Chorte Ecuador,
Oct 17 1916 J.R.S.

Cerro de San Felipe, Oaxaca
C. Conzatti 9/24/20

"

"

North of Arroyo, Santo Domingo, Lower Calif.
Kew: Mailand ore A. L.O.S.W.Kew Sept. 1920
Las Animas peak, W. of Tower Calif.
Conondia or near Rancho San Benancio
W.S.CO. Kew.

"

On Cerro Caneko, no. of Arroyo Santo Domingo, Lower Calif. W.S.CO. Kew.

"

"

"

=23776, J.R.S. Ambato, Ecuador

20.281. Rhipsalis micrantha

20.282 R. madagascariensis

283. R. tetragona

284. Epiphyllum obtusangulum

285. E. " delicatum

286. Rhipsalis gracilis

287. Rediocastus robustior

288. Mammillaria celsiana

289. Epiphyllum oxypetalum? Cingalese 4089½

290 Cereus hexagonus

291 Epiphyllum phyllanthoides

292 Epiphyllum

Kew Bot. Gard. M. L. Britton 24 Sept. 1920

"

"

"

"

"

Washington (State) Oct. 1920.
"Saddle Mts., west of the Columbia, back from the Central Bluff." 1700-2300 ft. Mrs. A. Metcalf
Alturas de Papalo, 2100 m.
Cincatlán, Oaxaca 10/16/20
Guaduas, Cundinamarca, Colombia
W. Popenoe 474 (S.P.I. 51559)
" " "
" 472 (51556)
Jacatativa, " "
" 475 (51560)
"
471 " (51561) "

20.293	Hylocereus undatus	La Esperanza, Dept. Cundinamarca Colomb., W. Pearce #493 (51565)
20.294	Echinocactus	Alhambra, Calif. #1 E. C. Rost Oct. 20, '20
20.295	"	#2
20.296	"	#3
20.297	"	#4
20.298	"	#5
20.299	"	#6
20.300	Mammillaria	Oaxaca, Mex. #1
20.301	Mam. (Coryphantha) retusa	Octavio Solis 10/14/20
20.302	Mam. (Coryphantha) pycnacantha	" #2
20.303	Mammillaria (Coryphantha) = CORYPHANTHA SOLISII	" #3
20.304	Mammillaria	Sangran del Rio, Queretaro #4
20.305	Mammillaria	Cerro de Buenavista, Guerero #5
		San Juan Teotihuacán, Mexico #6

(Coryphantha)
20.306 Mammillaria sp.

20.307 Mammillaria (Cor) circinata Quec.

(Coryphantha)
20.308 Mam. retusa

20.309 Mammillaria

20.310 "

20.311 "

20.312 Opuntia

20.313 "

20.314 Echeveria setosa x urbinia

20.315 " derenbergii

20.316 Urbinia purpusii

20.317 Echeveria setosa

Tlalpam, D.F. Mex. #7
O. Solis

#8
Guanajuato

Oaxaca #9

Buenavista de Cuellar, Guerrero #10

Oaxaca #11

Villa de Guadalupe, D.F. #12

Valley of the Hondo River, east of Roswell, Texas; E.O. Prentiss
Low hills just west of the station of Oro Grande, about 20 mi. n. of El Paso
E. O. Prentiss

Mexico - C.A. Purpus Oct. 1919

" " "

" " "

" " "

20.318	Opuntia littoralis	Between Santa Barbara & Ventura California – D. T. MacDougal '9/30/20
20.319	O. occidentalis	On rocky limestone outcrops, 3 mi. North of San Luis Obispo on the slopes facing southward from Cuesta Pass D. T. MacDougal 10/28/20
20.320	Echinocactus texensis	Brownsville, Texas Robt. Runyon 11/1/20
20.321	" setispinus	" "
20.322	" hamatocanthus	" "
20.323	Mammillaria Lenosphora	" "
20.324	Echinocereus Blanckii	" "
20.325	Mammillaria pycnacantha	Cerro de El Fuli, 1700 m. Cabeza, Mex. Conzatti #152 2/21/20
20.326	Mammillaria	Cerro Sierra Antonio de la Cal. 1700 m. Oaxaca Conzatti #147 2/18/20
20.327	Echeveria setosa x Urbinia	Mexico; C. A. Purpus Oct. 1920
20.328	Phyllocactus disparilis	" " "
20.329	Rhipsalis purpusii	" " "

20·330.	Mammillaria longiata	Lower Calif. W. S. Kew 1920
331.	Mam. celsiana	
332.	" pycnantha	Altamas de Pápalo, 2100 m. Cincatlán, Oaxaca, C. Conzatti 4088½ 10/17/20
333	" pseudoperbella?	Cuesta de Huamelulo, 1800 m. Nochistlán, Oaxaca 3973½ 5/26/20
334.	" relusa	Do.
335	" "	Canteras de Xcotel, Oaxaca 1500 m. C. Conzatti 4093½ 10/31/20
336	" mf.	Cerro de Placolula, 1650 m. Dist. de Placolula, Oax. Mex. 3928½ 4/15/20
337.	" kanimskii	Cerro San Felipe, 2500 m. 10/31/20 Dist. del Centro, Oax., C. Conzatti 4048½
338.	Echinocactus setispinus = 20345	Canteras de Xpatel, Oax, 1550 m. C. Conzatti 4092½ 10/31/20
339.	Echinocereus blanchii = [illegible]	San Antonio, Tex. E. D Schulz Dec. 20
340.	Mammillaria scolymoides	Brownsville, " R. Runyon " 10 mi. S. of Rio Grande & Mexico (Letter of Dec. 7) 45 m SW of Brownsville
341.	" tuberculata	Sanderson, Texas MacDougal & Schulz Dec. 1920
342.	Echinocereus	
343.	"	

20. 344 Echinocactus ~~stainesii~~ Brownsville, Tex. Robt Runyon 1920

~~345~~ " " " ~~San~~ " " "

346. Epiphyllum cartagense N. Y. B. G. # 24944 (Mason # 10)

347. " mayoi Weinberg 9291 (NyBG)

348 " strictum (Mason # 11)

NyBG # 24938

20. 349 Pedrocactus angonica Near Tucson Dr. Vorhies 1920

20 350 Fueraea "elegans" In GreenHouse as 20 35720

20. 351 Cactus paniculatus angus Imperator

Haiti Mr Pilkington 1920

21.1
Orchid (Dead)
21.2 Echinocactus sp.
21.3 Mammillaria pseudoperbella
21.4 Echinocactus texensis
21.5 Mammilaria
21.6 Lophocereus schottii
21.7 Mammillaria vernula
21.8 Opuntia invicta Brandg.
21.9 Echinocactus peninsularis
21.10 Mam. longiseta
21.11 Mam. roseana
21.12 Pachycereus

Jacmel, Haiti, E.C. Leonard # 1732

Brownsville, Texas
Robt Runyon 12/26/20
Cerro del Rosario, Oaxaca, Mex.
C. Conzatti 4098 12/18/20
Dallas, Texas
J. R. Atkins 12/18/20
" "
" "
Lower California
W. S. Iken Dec. 1920
" La Junta on Cerro at junction
of Arroyo [illegible] La Junta 11/3/20
" "
Dec. 1920
Near Boca de Guadelupe
Lower Calif. W. Iken "
Arroyo Coyote branch of Arroyo
Carodal, Lower Calif. W. Iken 11/1/20
"Hummingbirds not seen to north of here".
Cerro Colorado, s.w. of La Junta,
Lower Calif. W. S. Iken 11/10/20
Aguaquitos, near San Hilario,
Lower Calif.; W. S. Iken Dec. 1920

2 21.13 Lemaireocereus thurberi	Lower Calif.. W. S. 16w Dec. 1920
2 21.14 Passiflora rubra L.	Banks of Cayajana River, Banas Nuts, Ed. Cuba, Cuba, León 8/12/13
2 21.15 Passiflora maliformis	Guaduas, Cundinamarca, Colombia W. Popenoe 1124
2 21.16 Neoabbottia paniculata	Cul-de-Sac, near Port au Prince, Haiti H. M. Pilkington
2 21.17 Pereskia portulacifolia	" " "
2 21.18 Harrisia	" " "
2 21.19 Cephalocereus	
2 21.20 Mammillaria	Lower Calif., W. S. 1Kew Dec. 1920
2 21.21 Wilcoxia poselgeri	Brownsville, Texas, R. Runyon 12/29/20
2 21.22 Echinocereus	" "
21.23 Echinocactus setispinus	" "
21.24 Opuntia schottii	" "

21.25 Passiflora sexflora

21.26 Passiflora

21.27 "

21.28 " laurifolia

21.29 Rhipsalis

21.30 Mediocactus

21.31 Epiphyllum

21.32 Cereus ~~Epiphyllum~~ hexagonus

21.33 Acanthocereus

21.34 Rhipsalis
rosea

21.35 Oxalis crassicaulis Bert.

21.36 Tacsonia pinnatistipula Juss

Jurcy, Haiti; Leonard 4271

" " " 4767

Petionville " " 4979

Coban, Guat,
H. Johnson #213

Cartago, Valle del Cauca, Colombia
W. Popenoe #513

do
#514

Caldas, Colombia
W. Popenoe #515

Cartago, Valle de Cauca, Colombia,
#516

do
#517

Near San Miguel, Perdomo, Tolima,
Colombia, Popenoe #518

Peru; Prof. Croker, thru D.S. Johnson
Thick stems, green tripolate leaf. Leaf stalks
Nemocon, Cundinamarca, Colombia
Popenoe #1078 9/7/20
Juice milky reddish, some are green June 26, 1907
Coel. at San Isidro, Peru. 1368 ft. by Chant.

21.37	Echinocactus	Confederal Ranch, 24 mi. n.e. of Brownsville, Cameron Co, Tex, R.D. Camp 12/6/20
21.38	Echinocereus	Indios Ranch, 20 mi. n.e. of Brownsville, Cameron Co., Tex. 12/1/20
21.39	"	San Juan Ranch, 25 mi. n.e. of Brownsville, Cameron Co, Tex. 12/20/20
21.40	Echinocactus setispinus	Cameron Co., Tex. 12/-/20
21.41	Mammillaria	" " "
21.42	"	" " " "
21.43	"	10 mi. n.e. of Brownsville, Cameron Co. Tex. 11/-/20
21.44	Echinocereus	Near Salt Lake in North End of Hidalgo Co., Tex., 20 mi. n.w. of Rentamunderia 12/12/20
21.45	Echinocactus texensis	San Juan Ranch, 25 mi. n.e. of Brownsville, Cameron Co., Tex. 12/10/20
21.46	Mammillaria	Near Brownsville, Cameron Co, Tex. Nov. 1920
21.47	Mammillaria sphenica	San Juan Ranch, 25 mi. n.e. of Brownsville, Cameron Co.
21.48	Echinocactus	20 mi. n.e. of Brownsville, Tex. Nov. 20
21.49	"	Reparo, Ranch, Tex 17 mi. n.e. of Brownsville 12/19/20

21.50 Echinocactus

21.51 Mammillaria gaumeri

21.52 " "

21.53. Echinocactus setispinus

21.54. Passiflora orbiculata Cav.

21.55 Lophophora williamsii
n.v. "challote"

21.56 Mammilaria multiceps
(M. texensis)

21.57 Echinocereus

21.58 Echinocereus rigidissimus Rose

21.59 Mammillaria

21.60 Mammillaria macromeris

Indios Ranch, 20 mi. N.E. of Brownsville R.D. Camp, Nov. 1920

Santa Rita Mts., Ariz.
V. Bailey 1/1/21

Arizona
"

Near Brownsville, Tex
R. Runyon Dec. 1920.

Parcy, Haiti
Leonard #4682

Starr County, about 5 miles down the Rio Grande from Rio Grande City on a high loma. Robt. Runyon 1/23/21.

20 miles from Brownsville, Tex.
R. Runyon Jan. 9, 1921.

" "

Continental, Arizona 2/11/21
Vernon Bailey

Carrizalejo, Nuevo Leon, Mex. S.L. Pattison 2/22/21

Texas 2/28/21
Mrs. S. L. Pattison.

21.61 Mammillaria macromeris (form) spines nearly all white

21.62 Mammillaria neomexicana (3 plants)

21.63 M. tuberculata (1 plant)

21.64 =Escobaria M. tuberculata form (2 small pls.)

21.65 M. lasiacantha (3+2 small pls)

21.66 M. Meiacantha (1+)

21.67 Agave antillarum Desc.

21.68 Mammilaria macdougalii

21.69 Mammillaria shreveii

21.70 Echinocactus, in text it is erectospinus ~~erectospinus~~

21.71 Mammillaria shreveana

21.72 Echinocereus fendleri

21.73 Mammillaria

Texas, Carrizalo
Mrs. S. L. Patteson

"

"

"

"

"

Vic. of Mission, Ponds Verettes, Haiti
E.C. Leonard # 3963.

Santa Rita Mts., north base alt 12/2/21
McCleary Ranch, Arizona, 4000 ft. alt.
V. Bailey

do.

Southeastern Ariz. J.W. Gidley
Mar. 1921

"

"

"

"

~~21.73 Mammillaria~~

21.74. Gymnocalycium saglionis

21.75. Malacocarpus

21.76 Mammillaria shreveana

21.77 Echinocactus erectocentrus

21.78 Mammillaria arizonica

21.79 Echinocactus rigidissimus

21.80 " fendleri

21.81 Echinocereus

21.82 Mammillaria grahamii

21.83 Mammillaria greggii

21.84 " microcarpa

Laguniellas, Bolivia
R. L. Forte July, 1920.

" "

Continental Ariz.
V. Bailey Mar. 8, 1921

Benson Quadrangle, Arizona
H. A. Kuntzler, sec. 28 T 11S R 19 E.
on cret. granite, gravel o travertine.
Kirk Bryan Mar. 1921.

"

"

"

Tucson Quad., Ariz. S. slope Cross
Hill, sec. 23, T 16S R 17E in
Quartzite Talus, Kirk Bryan 3/5/21
Hueco Range, 35 mi. east of El Paso, Tex.
Mrs. S. L. Pattison Jan. 9, 1921

21.85 Mammillaria

21.86 " tuberculata

21.87 " macromeris

21.88 Mammillaria

21.89 Echinocereus reichenbachianus

21.90. Mammillaria

21.91 Echeveria ~~aurantiaca~~ ~~Rose~~ ~~sp~~
diffusiorum Watson

21.92 "

21.93 " (91+93 = 92. All alyd 92)

21.94 Mammillaria divica

21.95 Epiphyllum guatemalense

21.96

Juneco Mts., 35 miles east of El Paso
Mrs. S. C. Pattison 3/9/21

"

Sandy flats 30 mi, east of El Paso at foot of Hueco Range, Tex.

" "

La Mitra at Monterey, Mex.
R. Runyon Mar. 1921.

Saltillo, Mex.

" "

Mt. El Mirador, Monterey, Mex.
R. do.

Northern Mexico
R. Runyon Mar. 15 1921

"

"

San Diego, Calif., A. Grantt
Mar. 1921.

Guatemala, A. Tonduz
Mar. 1921.

21.96 Mammillaria Texensis.

21.97 Echinocactus

21.98 Agave

21.99 Echinocereus pentalophus

21.100 Mammillaria shreviana

21.101 Echinocereus fendleri

21.102 Mammillaria

21.103 Echinocactus texensis

21.104 Echinocactus setispinus

21.105

21.106

Mt. El Mirador, Mex. near Monterey
R. Runyon Mar. 1921

do.

do.

do. (summit)

Benson, Ariz.
J. W. Gidley Mar. 1921

do.

On rocks or in black limestone soil, near Uvalde, Texas
D.C. Parman Mar. 19, 1921

Black limestone soil on a huajeja ridge. D.C. Parman. 3/19/21
Uvalde, Tex.

Hab. & loc. do.

Guatemala
H. Johnson #4
" #5

21.107

108

109

110 Selenicereus Hondurensis

111 Wilmattia minutiflora

112

113 Wilmattia minutiflora

114 Acanthocereus

115

116 Rhipsalis

117 Opuntia blakeana

118 O. phaeacantha

119 Echinocactus rettigii Quehl

Guat., H. Johnson #6

#7

#8

#9

#10

#11

#12

#13

#14

—

Tucson, Ariz.; D. Griffiths 3/21/21
thru MacDougal

Arigipa, Peru
K. Quehl Jan 1921

21, 120. Acanthocereus

21. 121 Leniaireocereus

122. Opuntia elatior

123. Opuntia elatior

124. Echinocereus rigidissimus Rose

125. Cactus

126. Mammillaria prolifera

127. Lemaireocereus

128. Harrisia

129. Hylocereus

130. Selenicereus

131. ✓

Pitaya

Abundant at Ciudad Bolivar, Veng.
L. H. Bailey # 1548 3/15/21

Cardon, forming a large tree-like plant. Bailey # 1541

Tunas. Large Prickly Pear Tree.
Bailey # 1754.

Tunas.
Bailey # 1601

Benson, Ariz. May 1921
Jas. W. Bradley #

Arid, western Cuba about Mao and Guayubin, 20 mi. East of Monte Cristi, San Domingo 3/8/21
W. L. Abbott #

Navaricta
Abbott # 1096

Mao
Abbott # 1040

1.

21.132 Opuntia — O. C. abbott, S. Orange Co.

21.133 " — "

21.134 Leucophyllum texanum Roe. — Brownsville, Tex. R. Runyon — March 1921

21.135 Manihot carthaginensis

21.136 Mam. olivae — (Continental, Ariz) V. Bailey — 3/30/21

21.137. Echinocereus fendleri — Northeastern side of the Santa Catalina Mts, Ariz. D. T. MacDougal Mar. 21

21.138 Opuntia — " — "

21.139 Mam. — Old Camp Grant, Winkelman Quad., Ariz. — Kirk Bryan

21.140 M. goodrichii — 10 mi. nw. of Mulege, Lower Calif. — B. F. Hake

21.141. Mam. — Do.

21.142 " — Shores of Seammon Lagoon, west of Santa Clara Desert, Lower Calif. — B. F. Hake

21,143 Mam. miacantha	Corpus Christi, Texas.	
144. Echinocereus dasyacanthus	Mrs. S. L. Pattison	Mar. 28, 1921
145. Mammillaria macromeris	"	
146. M. neomexicana	"	
147. M. tuberculata	"	
	"	
21,148 Pedrocactus Orcuttii	Casper, Wyoming	
1st N.Y.	Jos. A. Holmes	1921
21,149 Mammillaria pringlei	Tuctenango, Mex.	
21,150 Echinocactus ornatus	Carlos Reiche	4/1/21
	"	
21,151 Mam. shreveana	Plaza Continental, Ariz.	
21,152 " olivae	V. Bailey	April '21
21,153 " macdougalii	"	
	"	
21,154 Tillandsia	Brownsville, Texas;	
M. sol	R. D. Camp	4/8/21
21,155 Tillandsia baileyi	"	
M. blue (purple)		

Kew

21.156. Manihot

21.157 Euphorbia neriifolia L.

21.158 Mamm. shreveana

21.159 Echinocactus erectospinus

21.160 Echinocereus fendleri

21.161 Mamm. grahamii

21.162 " "

21.163 " "

21.164 Pediocactus arizonica nsp.

21.165 Mammillaria arizonica

21.166 Cycas circinalis

21.167 " revoluta

Brownsville, Texas 4/8/21
R. O. Camp,
Jardines de la Hacienda, San
Francisco Miramar, very rocky.
660 m. alt. Guat. A. Jordan 3/15/21
1 mi. s.w. of Benson, Ariz. 4/4/21
J. W. Eidley

" " "
" " "

Base of Galerio (?) Mts, about 7 mi.
n.E. of Estevaja Schoolhouse, Workman Ariz.

" "

Continental, Arizona. April 1921.
V. Bailey

" "

Grand Canyon, Ariz., near Bright Angel
at El Tovar, G.E. Miller, Jr. Oct. 1920.
Tampa, Fla. (at residence of Mr. Wall of
firm of Knight & Wall) March 15, 1921.
by A.D. Jackson

21.168 Selaginella eremophila Maxon (worm)	Palm Springs, Calif.
21.172 Abronia villosa	Edmund C. Jaeger April 1921.
21.170	R. Runyon
21.171	Brownsville, Tex. April 1921
21.169	B. P. Rebo, Oaxaca, Mex. Apr. 1921
21.173 Mammillaria swinglei	" " "
21.174 Mam. dioica	" " "
21.175 Echinocereus scopulorum	Islands, Guaymas, Mexico
21.176 Echinocereus maritimus	D. M. Johnston # 3086 Apr. 14, '21
21.177 Mammillaria	Ensenada, L. C., On bluffs.
21.178 Mammillaria deserti	"white" # 3006 4/7/21
21.179 Opuntia occidentalis	On hills, Guaymas, L. C.
21.180 O. prolifera	# 3103 Apr. 14, 21
	Ensenada, L. C.
	Campitos on bluffs # 3007 4/7/21
	Alhambra, Calif.
	E. C. Rost 4/12/21
	" " "
	Southern Calif.
	Jerrett Miller April '21
	" "

21.181 Echinocereus engelmanni

21.182 Echinocactus

21.183 Mammillaria fasciculata

21.184 Mam. - grahamii

21.185 Tillandsia unceoides

21.186. "

21.187 Cactus broadwayi B.&R.

21.188 Mammillaria sphaerica

21.189 Echinocactus setispinus

21.190 Lemophyllum texanum

21.191 Mammillaria

21.192 Mam.

alt. 2830 ft.
Southern Calif. Jacumba Hot Springs,
Gerrit Wilder Apr. 1921

" "

" "

Forest Shreve "

Bajada of Sierrita Mts. 20 mi. sw. Tucson 4/20/21
Winkelman Quad., sec. 5 T 7 S R 17 E
Gravel hills, north of Aswaipa Creek San Pedro Arg.
elev. 3000 ft. - Ulrich Bryan Apr. 19, '21.

Brownsville, Texas
R. O Camp

Tobago.
W. G. Freeman
Brownsville, Texas
R. O Camp Apr. 1921.

"

Guerrero, Mexico, Solis
Apr. 1921

Oaxaca, Mex, Solis

"

21. 193 Rediocactus emiponi

194. Mammillaria

195. Mammillaria

196. Mam. ~~gardneri~~ grahamii

197. Echinocactus lecontii

198. Echinocereus engelmanni

199. Echinocactus

200. Mam. tetrancistra

201. Iberwillea lindheimeri
Vine; fls. yellow; fr. red

202 Jalimum linearis
Herb or vine; fls. yellow; fr. size of pea

203. Portulaca pilosa

204. Cooperia

Casper, Wyo., Joseph A. Holmes 2nd
May 1921.

~~G~~ Lower California
Clifton R. Swarts May 1921
San Antonio, Tex.
Glen D. Schulz May 1921
Sacaton, Ariz.
W. T. Gilpin May, 1921.
" "
" "
" "

Bard, Calif.
Loren G. Polhamus "
" " "

Brownsville, Tex.; light sandy soil on high loma
30 m. Root Runyon #4 5/8/21
" " well drained sandy soil
R. Runyon #6 5/8/21
" hab. do.
" #5
" hab. do.
" #7 "

21. 205 Echinocereus Rockbridgii

21. 206 Opuntia parishii Orcutt

21. 207 Mylocereus serpentinus

21. 208. Helocereus speciosus

21. 209 Echinofossulocactus

21. 210 Trichocereus lamprochlorus

21. 211 - Opuntia (5)

21. 212 Opuntia basilaris

21. 213 Opuntia Coville

21. 214 Echinocereus viridiflorus (4)

21. 215 Pediocactus simpsonii (4)

21. 216 Opuntia

21. 217 "

Oracle Arizona, D. T. MacDougal May 6 1921

Southern Edge of Mojave Desert, California
Pinon Wells, 4000 ft. P.A. Munz 5/1/21
Mexico, D. F., Mexico
C. Reiche 5/10/21

do.

" "

San Gabriel, Calif.
Wm. Hertrich, 5/12/21
Tunuyan, Mendoza, Argentina
W. B. Alexander March 22, 23, 1921
Moorpark California
D. T. MacDougal May 24

" "

" "

R. V. Pickett
Edgewater, Colorado, May 1924

" "

" "

Arnold Grs. Fla.
Small & Nash 48939 Apr. '21
Dunes, Atlantic Beach, Fla.
Small & Nash 48933 Apr. '21

21.218 Opuntia

21.219 Opuntia

21.220 Opuntia

21.221. "

21.222 Echinocereus

21.223 Opuntia

21.224 " Tomentosa

21.225 Mam. orlindantha

21.226 Echinocactus

21.227 Agave

21.228 Echinocactus

21.229 Echinocereus

21.230 Cissus incisa Desmond # 49669 Typ.
Typ. specimen leaf entire

49630
Dunes Atlantic Beach, Fla.
Smaller Dellwinkle Apr. 1921
Shellmound, St. George Id, Fla
do. 48934 do.
St. Marys. Ga.
do. 48940 do.
Pilot Sa., Fl.
do. 48935 do
Near Mexico City, C. Reiche May 1921
" " "
" " "
" " "
" " "
" " "
Comeroy Co.
Mean Co., Texas. (Lyford?) 5/27/21
R.B. Camp 30 mi. north of Print. Isabel
" "
" "

21.231	Guerra's, Cameron Co., Tex. R. O. Camp. 5/27/21
21.232	"
21.233 Mam. Camptacra	" "
21.234 Opuntia fallenii	Samana Peninsula, near Cape Samana, S.D. W. L. Abbott Apr. 2 1.
21.235 Hylocereus	
21.236 Orchid "purple red rock orchid"	outh side, Samana Bay W. L. Abbott
21.237 Orchid	Cape Samana W.L. Abbott #1085 Mar. 27, 21
21.238 Orchid	do.
21.240 Rhipsalis swerantha	Loja, Ecuador C. Popenoe
21.239 Epiphyllum phyllanthoides	#XXX C. Conzatti Oaxaca, Mex.
21.241 Selenicereus boeckmannii (2)	XXV " "
21.242 Mammillaria sphacelata (4)	XXVI " "
21.243 Hylocereus undatus	XXVII " "

21.244 Aporocactus conzattii

21.245 Selenicereus

21.246 Opuntia

21.247 Mam. vivipara

21.248 Bergerocactus emoryi

21.249, Mam.

21.250 Mam.

21.251 Echinocactus texensis

21.252 Echinocereus dasyacanthus
red flower

21.253

21.254 Echinocactus viridiflorus

21.255 " "

21.256

XXVIII C. Conzattii
Oaxaca Mexico

XXIX " "
a. Ruth
Polytechnic, Texas.
Edgewater, Colo.
R. V. Pickett
Coronado Is., Mex., Off San Diego, Calif. S. S. Miller, Jr. 6/5/21

" " 300 ft. alt.
Mt. Springs, Imperial Co., Calif.
S. S. Miller Jr. 6/4/21
Near Brownsville, Tex.
R. Runyon
Cliffs near ocean, north of Ensenada Lower Calif. E.C. Rost #101 June 1921
(Dist. Utmost) #102

Coast Ranges between La Jolla & San Diego, Calif. E.C. Rost #51
Mts. east of Ensenada, L.C.
E.C. Rost. #55
(Same data as 21.252)
E.C. Rost #103

21.257		Hills above Tijuana, Mexico June 1921 (near U.S.-Mex. Bdry) E.C. Rost #53
21.258		Coast hills between La Jolla & San Diego, Calif. E.C. Rost #52
21.259		Mts above (east of) Ensenada, L. Calif. E.C. Rost #54
21.260	Echinocactus	Palm Springs Canyon, 3 mi., S.E. of Palm Springs, Calif. Rost #1
21.261	"	10 miles east of Palm Springs to 10 miles north, Rost #3.
21.262	"	Jacumba, U.S.-Mex. Bdry Rost #4
21.263	"	20 mi. east of Jacumba Rost #11
21.264	"	Devils Canyon, between Jacumba & Coyote Wells, Calif. Rost #5
21.265	"	Chocolate Mts., N.E. from Wylands Calif. Rost #8
21.266	"	Eastern slopes, Chocolate Mts, Calif. Rost #10
21.267	"	Superstition Mt., between Imperial Valley & San Diego, (near Westmoreland) Rost #6
21.268	"	Southern slopes of Mt. San Jacinto Calif.; E.C. Rost #7
21.269	"	Do. Rost #2

21.270	Echinocactus	Painted Hill, north side of Coachilla Valley, Calif. - Rost #9
21.271	"	Chuckawalla Mts., (Colo. River side) Calif.; Rost #26
21.272	"	Between Shavers Wells & Blythe, Calif., near Colo. River Rost #27
21.273	"	White Water River, Calif. Rost. #25
21.274	"	East of White Water River, toward Indio, Calif. E.C. Rost #29
21.275	"	Mts. above La Jolla, Calif. E.C. Rost #50.
21.276	"	Jacumba (on U.S.-Mex. Bdry.) E.C. Rost #12
21.277.	Echinocereus dasyacanthus	Cauticello, Tex. Mrs. S. L. Pattison 6/10/21
21,278	"	"
21,279	Mammelaria	"
21.280.	Mam. ~~[illegible]~~ dasyacantha	"
21,281	Echinomastus dasyacanthus	

21.282	Epithelantha micromeris	Eagle Pass, Tex. Mrs. S. L. Parkman 6/16/21
21.283	Echinocactus horizontalis	"
21.284	Mammillaria dasyacantha	"
21.285	Coryphantha nickelsoniae	"
21.286	Passiflora exoptera	Mex. Zacatecas, C. A. Purpus #1 June '21
21.287	Passiflora tenuiloba	" Mex. " #2 "
21.288.	Mammillaria	Rocky hillside, 15 mi. north of San Antonio, Tex. Ellen D. Schulz 6/20/21
21.289	Echinocereus	Verde Mesa, Colo. June '21 Dr. Fowler
21.290	Opuntia	do.
21.291	Opuntia	do.
21.292	Opuntia fenricillegera	W. B. Alexander. Argentina
21.293	Dudleya	On rocks at edge of small stream, Clove Idyllwild, Riverside Co, Calif. alt. 5500 ft. G. S. Miller, jr. 6/20/21

21.294	Dudleya	Kallii Rose	(herb sp. NY)	6	Idyllwild, Riverside, Co. Calif. 6/20/21
21.295	Dudleya			3	U.S. Mulkey, Jr. "
21.296	Mammillaria	grahamii		2	Flagstaff, Ariz. Mrs. Chas. Bly 6/29/21
21.297	"	"		1	Mt. Harqua Hala, Ariz. Fred A. Greeley June 1921
21.298	Echinocereus	coccineus		2	" " "
21.299	Opuntia			1	" " "
21.300	"			1	" " "
21.301	Mammillaria	Camptotricha		1	Mexico City, D.F. C. Reiche June 1921
21.302	Echinomastus	dasyacanthus		4	Marfa, Texas Mrs. S. L. Pattison 6/27/21
21.303	Mammillaria	schiedeana		3	Do.
21.304	M.	dasyacantha		4	Do.
21.305	Dudleya				Trinidad Dr. Seaver 1921
21.306	Sedum	nuevum	Davidson	2	Sugar Loaf, San Bernardino Mts. July 1920

21.307	Mam.	calochrora	2	L. Buchel (Halle, Saale, Germany) 6/21/21
21.308	"	macromeris	1	
21.309	"	glochidiata prolifera	1	
21.310	"	weldii	1	Erfurt, Germany Haage & Schmidt June 1921
21.311	"	odieriana	2	
21.312	"	vetula	1	
21.313	"	glandulifera	2	
21.314	"	glochidiata crinita	2	
21.315	"	seideliana	2	
21.316	"	gracilis pulchella	2	
21.317	"	schmidtii	2	
21.318	"	schelhasei	1	
21.319	"	wagneri	1	

21.320	Mam.	donatii	2	Erfurt, Germany — June 1921
21.321	"	elongata stella amata	2	Haage & Schmidt
21.322	"	delaetiana	2	
21.323	"	crucigera	2	
21.324	"	kewensis	1	
21.325	"	bocasana	2	
21.326	Echinocereus	enneacanthus	3	Near Big Salt Lake, Hidalgo Co., 65 mi. N.W. of Brownsville, Tex. Roamings 21
21.327	Dudleya	lanceolata (herb sp. NY)	6	Laguna Beach, Orange Co., Calif. 7/9/21 On low bluffs, growing in the edges of tangled mats Eriogonum, apparently more in strictly open situations" S. S. Miller,
21.328.	Dudleya	pulverulenta	2	San Juan Bautista Canyon, near San Jacinto, Riverside Co., Calif. S. S. Miller 6/30/21
21.329.	"		3	"
21.330.	Opuntia	littoralis	1	Catalina Is., Calif. 7/6/21

21.331	Hamatocactus	12	Reynosa, Mex. (75 mi. from Brownsville, Tex.) R. Runyon #8 July '21
21.332	~~Mamillaria~~ Cumyonia variegata	3	Brownsville, Tex. " "
21.333	Cumyonia longiflora Rose ~~Mamillaria~~ (part of #21.322)	2	~~Hondsay~~, ~~Ariz~~. #10
21.334	Mammillaria	3	Reynosa, ~~Mex~~. #9
21.335	Echinocereus rigidissimus	2	Midway between Dragoon, Ariz. near Tucson H.L. Shantz 5/30/21
21.336	Opuntia polyacantha	2	Townsend, Mont. James S. Holmes ?/11/21
21.337	Cooperia sp. (type locality)		Monterey, Mex. ?/15/21. R. Runyon
21.338	Mam. grahamii	3	Phoenix, Ariz. S. S. Visher ?/21
21.339	Echinocactus texensis	2	" "
21.340	" grandicornis	1	Grand Canyon Ariz. J. W. Ferris ?/18/21.
21.341	"Arizona yellow blossom"	1	Camuchi, Ariz. Mrs S. L. Pattison July '21
21.342	" has more blossoms.	1	"
21.343	Mammillaria aurionisa	4	Bass Homestead, Grand Canyon, Ariz. J. W. Ferris July 1921.

21.344	Coryphantha recurvata (flexelowich-grean)	3	15–18 miles west of Nogales, Ariz. D. J. Dyer 7/16/21
21.345	Mammillaria sheveana		Do.
21.346	Echinocereus		Do.
21.347	Manfreda variegata (ny)	1	La Consuela Ranch, 20 mi. S. of Matamoras, Mex. R. Rungo #11.
21.348	"	2	Do. #12
21.349	Telinum patens		Do. #13
21.350	Cereus mirsa Desmond		
21.351	Mammillaria missouriensis		North end of valley, Townsend, Mont. 4000 ft. alt. James S. Holmes 7/28/21
21.352	Mammillaria	2	Molasses Island, La. 4/17/21 Ivan M. Johnston 3/21
353	" rep	2	" " 3122
354	Echinocereus grandis	1	" " 3137
355	Mammillaria	1	Puerto Refugio, Angel Is. 5/1/21 3369
356	Echinocereus engelmanni	1	Los Angeles Bay, La. 3445

21.357	Echinocereus	2	Los Angeles Bay, Lower Calif. Mrs. Johnston	3446
358	Echinocereus grandis. B+R. sp.	3	San Lorenzo Is.	3541
359	Mammillaria ~~macdougalii~~ ?	3	San Carlos Bay ZC	4373
360	"	2	"	3543
361	"	1	~~Magdalena Bay, Camoa~~ Is. Magdalena Bay, Camoa Is.	3833
362	Echinocereus brandegeei (Coult.) Schum.	1	Danzante Is. 5/24/21	3858
363	Mammillaria	1	Monserrate Is.	3864
364	" albicans	3	Santa Cruz Is.	3912
365	Echinocereus brandegeei (Coult.) Schum.	1	" "	3913
366	Mammillaria albicans ?	2	San Diego Is.	3923
367	" sp.	3	San Francisco Is.	3943
368	"	1	Espiritu Santo Is.	3985

21. 369	Tradescantia helenfrylla Brnf. med.	(1)	Espiritu Santo Is. Lower Calif. J. Johnston	3987
370	Bartschiella schumannii B&R.	2	La Paz	4017
371	Mammillaria ~~johnstonii~~ nov. New Name	(11)	Ceralbo Is.	4038
372	"	1	"	4058
373	"	1	Catalina Is.	4099
374		1	Marcos Is.	4179
375	Mammillaria	2	Tortuga Is.	4186
376	"	2	"	4187
377	Echinocereus grandis B&R.	1	San Lorenzo Is.	4198
378	Mammillaria	2	San Pedro Bay	4290
379	Echinocereus sicopulonum B&R.			4291
380	" "	1	San Pedro Bay, Sonora	4344
			San Carlos Bay, "	

21.381 Mammillaria ~~macdougalii~~ johnstonii Roe

382 Mammillaria

383 Dudleya albiflora Rose

384 Echinocereus engelmannii

21.385 Mammillaria dasyacantha

21.386 Mam. yucatensis

21.387 Euphorbia macroglypha
~~Dead & destroyed~~

21.388 Hylocereus undatus

21.389 Mammillaria gaumeri

21.390 Hylocereus

21.391 Selenicereus donkelaeri

San Carlos Bay, ~~Sonora~~ Low Calif. T. Johnston 4373

San Lorenzo Is. no number

——— no number

San Pedro Bay 4374

Near El Paso, Tex July '21
Mrs. S. L. Patton
Rare on bankside of marshes
Progreso. Fls. very small, rose;
fruit oblong, bright red. Gaumer 24367

Izamal, Yucatan
Gaumer 24373 20 ft. high, 8 ft diam.

Dacnob, Yucatan { climb to top of cypress trees
Gaumer 24368

Coltzacans, Yucatan
fls. pale greenish-cream, on sand dunes

Progreso, Yucatan; very long crimson
Gaumer 24366

Chacnob, Yucatan: Mesocarp bright red
thinnest on Alamo tree 25-30 ft.
Gaumer 24369

Hacamala, Yucatan; Gaumer 24370
fls large cream-colored. Fruit purplish-red edible.

21.392 Peresbeciopsis ocandens

21.393 Epiphyllum

21.394 Mammillaria
Escobaria rsf.

21.395 Mammillaria sphaerica

21.396 "

21.397 " Sheveana

21.398. ~~Echinocactus~~ Mammelaria

21.399 Mam.

21.400 Mam.

21.401 Pedrocactus

21.402 Opuntia polyacantha

21.403 Pedrocactus

Yucatan, Gaumer 24372

Jabnol, Yucatan, Gaumer 24371
Fls. crimson; fls. cream-color, 8 in. long,
climbs tree 30 ft. high.
Rio Grande, Starr Co., Texas. 200 ft.
R. Runyon #16 8.1.01-1
Do. " " 14 "
" " " #15 "
5 miles east of Nogales, near Mex. line (in U.S.) in flat ground alt. 4500 ft.
T.J. Trepran #1 Aug. 1921
8 mi. east of Nogales, in sloping ground, good soil, 4300 ft alt.
T.J. Trepran #2
8½ miles east of El Paso, in Quitman Mts., Texas. Mrs. S.L. Patterson
Rocky flats 16 mi. east of El Paso, at foot of Mt. Franklin, Tex. Packed
often plants at Dadora Ferris Idaho
H.M. Hall Aug 1921

Lewis Mont. H.M. Hall Aug 31 1921

21.404 Echinopsis turbinata

21.405 Gymnocalycium denudatum

21.406 Mammillaria mundtii

21.407 Cereus flagelliformis

21.408 Cereus flagelliformis

21.409 Mammillaria pseudoperbella

21.410 Opuntia polyacantha

21.411 Echinocereus rundiflorus

21.412 Opuntia

21.413

21.414 Opuntia

21.415 Echinocereus viridiflorus

21.416 Opuntia

Sent by Mundt. 9/1921

Sugar City, Colorado
A A Hansen (coll. by M. Papish)

Priest Bridge, Prince George Co. Md.
On power road ½ mi from Trailer Post R. W.B. Navy
Seaman Place, Pa.
H. Wilcox 9/9/21

Alpine Laboratory, Manitou, Colo.
Goldsmith

21.417	Mammillaria	dioica		near Rancho San Antonio del Mar, a few miles, north of Collnett Pt., on west coast Lower Calif. & 165 South of San Diego, Calif. 8/13/21 W. S. Kew.
21.418	Mammillaria	pseudoperbella		Cerro San Felipe, Oaxaca, Mex. C. Conzatti #4141. 8/16/21
21.419.	"	polyedra		" 4140
21.420	"			" 4143
21.421				" #4151
21.422	Aporocactus			" #4152
21.423	Mam.	mascarenensis	4	Townsend, Mont. 8/17/21 J. S. Holmes
21.424	"	vivipara	7	"
21.425	"	"	3	"
21.426	Echinocereus	coccineus	1	Edgewater Colo. ~~Sept 1 21~~ ~~8/28/21~~ R. J. Pickett
21.427	"	Triglochiatus	5	"
21.428	"	viridiflorus	6	"

21,429	Opuntia	Polytechnic, Texas
21,430.	Cereus	1 Jarapa, Guat.
21,431	"	1 H Weingart - Jarapa "
21,432	Selenicereus pringlei	1 " "
21,433	" "	1 ?
21,434	Cereus serpentinus stoloniferus	1 " "
21,435	" schrankii Jacq. & Hort.	1 " "
21,436.	" grandiflorus Mill	(To this from Cuba)
21,437	" " varus	" "
21,438	" uniflorus	H Weingart, Germany
21,439.	Cereus sp. nov.	Haiti " "
21,440	" beckmannii Otto	Colombia

21.441 Selenicereus

21.442. " grandiflorus

21.443 Cereus

21.444 " serpentinus Lag Type

21.445. Selenicereus

21.446. Cereus boeckmannii Otto & D.

21.447 " baumannii flavispinus

21.448 " grusonianus Hoyt.

21.449 Nyctocereus hirschtianus

21.450 Cereus koenighoffii

21.451 Cereus superbus Ehrenb.

Haiti

from W. Weingart, Germany #17

St. Thomas

" " " #23

from Ode, Hamburg

thru W. Weingart #43

" #7

" #10

" #11

" #13

" #4

" #28

" #31

" #27

21.452 Cereus
Seeds

21.453 Cereus
Seeds.

21.454. Cereus [illegible] Dead see Rule

21.455. Selenicereus wagonii R.&B.
Dead

21.456 Cereus martianus

21.457. " " ♀
× Rhyllocactus eichlamii ♂

21.458. Selenicereus pothii spn.

21.459. Cereus humetianus

21.460 Cereus

21.461. " vaupelii

21.462. " humilis

21.463 " flagriformis

Zoraper Guat., H. Weingart
#1 —

——— #35

Oaxaca #38

— #37

#20

#5

Paraguari Paraguay, C. Grope.
Ulter W. Weingart #19

#29

Haiti
#18

#25

Mexico; C. A. Purpus
#2

21.464 Cereus ambiguus

21.465 Cereus.

21.466 Cereus undulans Lem.

21.467 Epiphyllum n sp

21.468 Nyctocereus Luschtianus

21.469. Epiphyllum grandilobus 1
Weber & Loechle

21.470. " n. sp. 1

21.471 Opuntia macrorhiza Engelm 3

21.472. Echinocereus coccineus 1

21.473 Opuntia Rhyticima 1

21.474 Opuntia pallida 2

21.475. Algamoscoa 2

21.476 Cooperia pedunculata

Palermo #3
W. Weingart #30

" #1

" " 3

San José C. Rica
C. Wercklé

Nicaragua
W. Weingart #28

El General, Costa Rica
C. Wercklé

"

"

Near Trinity River Tarrant Co., Tex.
Albert Ruth 10/11/21

Flagstaff, Ariz.
Jas. H. Ferris Oct. 21

"

"

"

Mexico; C. Pringle 1921

Brownsville, Tex.
R. Runyon #18 10/13/21

" #17

21.477	Mammillaria anzonica		Walnut Ca. Cliff ruins. Arij. 10/16/21
21.478	" sphaerica (fruit)		J. H. Perrine Brownsville, Tex. +
21.479	Pennocereus fohnsonii		R. Runyon 10/22/21
	Seeds/Bodam/		San Joseff Is., Lower Calif
21.480.	Echinocactus graessneri	2	J. M. Johnston 3940 10/28/21
21.481.	Echinocactus leninghausii	3	Haage & Schmidt
21.482	Mammillaria meracantha	1	" "
21.483	Echinocereus viridiflorus	2	Carrillo, Tex. Mrs. S. L. Patton 10/24/21
21.484	Mam. radiosa	3	" 4
21.485	Echinocereus		
21.486	Opuntia trichophora		
21.487	Oxalis latoides HBK.		Ecuador; Rowlee
21.488	Neotrideasea [illegible]	1	Reynosa, Mex.; limestone hills R. Runyan #20. 11/1/21
21.489	Cooperia	3	" #21

21.490	Escobaria runyonii	Reynosa, Mex. (limestone hills) R. Runyon #19 11/1/21
21.491	Cactus broadwayi	Grenada, B.W.I. ~~R.O. Williams~~ John Broadway
21.492.	Echinocactus	St. Thomas, Nevada.
21.493.	Sedum spathulifolium	Near Victoria, B.C. Saanich Inlet G.S. Miller Oct. 1921.
21.494.	Echinocereus baileyi Rose (4)	Wichita Natl Forest, Cache Okla Frank Rush 11/7/21
21.495	Echinocereus viridiflorus (4)	Colo. Springs, Colo. S.W. Goldsmith 11/9/21
21.496.	Mammillaria grahamii (4)	Tucson, Ariz. Arthur Darton 11-1-21
21.497	Echinocereus scheeri	Erfurt, Germany Haage & Schmidt 11-1-21
21.498	" barcena	
21.499	" dubius	
21.500	" glycimorphus	
21.501	" spinibarbis	
21.502	" poselgerianus	

21.503	Echinocereus ehrenbergii	Hoage & Schmidt	Nov. 1921
21.504	" enneacanthus carnosus		
21.505	" leonensis		
21.506	Echinocactus Grusonii		
21.507	" mihanovichii		
21.508	" platensis		
21.509	" haselbergii		
21.510	" ourseliana		
21.511	Sedum	Hort. Bot Berol. (a. 1910)	
21.512	Echinocactus polycephalus	Goat Springs, Nev. D. T. Helvett #1	
21.513	Coryphantha clavata	#2	
21.514	Rhelbopermatetracista (Engelm.)	#3	
21.515	Opuntia rafinesquiana	#4	
21.516	" ernicea	#4a	

21.517			Arizona
21.518	Hewiliea		R. Runyon - Texas
21.519	Mammillaria grahamii	2	Peach Spring trail to Grand Canyon, Ariz. J. H. Harris
21.520	Echinocereus engelmanii	2	
21.521	Opuntia basilaris	1	
21.522	Mammillaria arizonica	3	
21.523	Phyllocactus pittieri	1	Costa Rica; C. Werckle 11/-/21
21.524	Epiphyllum strictum	3	
21.525	Phyllocactus carthaginensis	2	
21.526	Epiphyllum		Oaxaca Mexico
			C. Conzatti 11/-/21
21.527	Mammillaria applanata	1	Pearsall, Texas
			D. C. Forman 11/23/21
21.528			bottom of the Frio River, 4 mi. N. E. of Pearsal in the heavy brush near river channel.

21.528.	Mammillaria		? W.S.W. Kew Nov. 1921
21.529.	Acanthocereus tiemnii	1	Oaxaca, Mexico B.P. Reko. Nov. 1921
21.530.	Hylocereus	1	" " "
21.531	Dudleya	3	Yuaca, Arizona Mrs. Chas. Bly "
21.532	Perocactus beaurtei	2	" " "
21.533	Mammillaria grahami	1	Northwestern Arizona J.H. Perrins #24 "
21.534	Perrins	seeds	" "
21.535	(Cucurbitaceae)	seeds	" "
21.536	Mammillaria grahamii	2	West side of Oatman Mts., Ariz. J.H. Perrins 26 "
21.537	Echinocereus engelmannii	1	" 29
21.538	Echinocactus beaurtei		" 28
21.539.	Echinocereus coccineus		Kearns Canyon Arizona L.H. Dudley Buxton (2) Nov. 18, 21
21.540.	Opuntia		Hopi Mesa " (31

21.541	Opuntia	1	Kearns
			~~Kearns~~ Canyon, Ariz.
			L. H. Dudley Burton (4) 11/18/21
21.542	"	1	" (5)
21.543	"	2	(6)
21.544	"		(7)
21.545	Mammillaria tetrancistra	1	Oatman, Ariz.
			J. H. Perriss #30 12/6/21
21.546	Ferocactus Covertii		Topock, Arizona
			J. H. Perriss #32 12/5/21
21.547	Echinocactus polycephalus		California
			J. H. Perriss Dec 1921
21.548	Ferocactus acanthodes		Independence Mts, 3 miles north of Amboy station, Calif. #34 Dec. 21
			J. H. Perriss
21.549	Opuntia ramosissima		Between Kingman & Amboy, Calif. Perriss #35 Dec 21
21.550	Mammillaria		N. volcanic hill, 12 mi. east of Amboy Calif., near old Needles Highway
			J. H. Perriss #36 Dec. 21
21.551	Echinocereus engelmanni	2	Yucca, Ariz.
			Mrs. Chas. Bly 12/20/21
21.552	Dudleya	6	"
21.553	Agave	1	"

6565



Ehrenpreis.

Walter Mundt

Kakteen-Export * Kakteen-Import

Mahlsdorf-Berlin.



Gold. Medaille.

Nachnahme	Mk.	Pf.	Mk.	Pf.

Echinocereus pectinatus
var. longispinus

Cer. flagelliformis
Hybr. splendens

1922 - 1924

Chimpy's Estimate

Mom Pearl's Pretties

Mom Mindy

Chimpy Bonnadine ?
Bill Roth

22.306

Quartett 1822: 1327
Pianoforte
Herr Magdalena Lom:
wonder magnificat tree

1/21

22

Mary.
25/21

24.500

Mam.

magdalenensis Mrk.

echt!

22(15).307

Orcutt 1922: 1273

Mamillaria grahami ?

Magdalena Sonora

22.306

Orcutt 1922: 1327

Mamillaria

Near Magdalena Son.

under mesquite tree

283 JAN 1 1922

WEEKLY OFFERING $.....

—FOR—

CURRENT EXPENSES

First Baptist Church,

TUCSON, ARIZ.

"Upon the first day of the week let every one of you lay by him in store as God hath prospered him."—1 Cor. 16: 2.

NAME.....

PAT JAN 9 '12

JAN 1 1922 283

WEEKLY OFFERING $.....

A STREAM OF MONEY

—FOR—

MISSIONS

This will be distributed in accordance with the missionary budget authorized by the church unless contributor shall direct otherwise.

NAME.....

DUPLEX-RICHMOND VA

TT & TOWNE

le of

VEGA COATED

ITE

— 100

— 120

to Ream

-/21

22

May.
25/21

1922

22.1 Cocos weddeliana

22.2 Mammillaria grahami

22.3 " (monstrosa cristata)

22.4 "

22.5 "

22.6 "

22.7 "

22.8 "

22.9 Lemaireocereus beneckei

22.10 Opuntia

22.11 Mammillaria elegans

22.12 " rhodantha

22.13 Coryphantha bumamma

22.14 Opuntia vulgaris

22.15 " aurantiaca Lindl.

San José, Costa Rica C. Werckle 12/15/21

Sierra Seri, Sonora, Mex. 1/2/22
C. Sheldon

Buenavista de Cuellar, Guerrero, Mex.
C. Muñez #1 11/25/21
" #3
" #6
" #4
" #5
" #2

Iguala
Mexico, D.F. Jan. 22
C. Reiche
"
"
"
"

Isla Martín García, Argentina, No. 3
A. Castellanos 10/30/21
La Colonia, Uruguay No. 5
Do 12/18/21

22.16	Rhipsalis lumbricoides Lem.	Conchillas, Uruguay — No. 6
22.17	Malacocarpus mammulonis (Lem.) B.&R.	A. Castellanos — 12/19/21
22.18	" ottonis (Lehm.) B.&R.	do. — No. 7
22.19	Opuntia arechavaletae Speg.	do. — 12/20/21
22.20	Coryphantha	do. — No. 8
22.21	Mammillaria ortegai	do. — 12/20/21
22.22	" smaldeana	do. — No. 9
22.23	Echinocereus luteus B.&R.	do. — 12/20/21
22.24	Lemaireocereus thurberi B.&R.	12 mi. from Fort Worth, Tex. — J. R. Sneed — 11/24/22
22.25	Lemaireocereus thurberi B.&R.	Near Mazatlán, Mexico — J. S. Ortega — No. 2
22.26	" "	" — No. 10
22.27	Pachycereus pecten-aboriginum	" — # 1
22.28	Cephalocereus purpusii B.&R.	# 4
22.29	Acanthocereus occidentalis B.&R.	# 5
22.30	Opuntia	# 6
		# 7
		# 8
		# 9
		# 11

22.31	Opuntia		Magatlán Mexico #12.
22.32	Hylocereus purpusii B. & R.		J. G. Ortega #13
22.33	Rathbunia sonorae B. & R.		#14
22.34	Coryphantha runyonii	1	Starr Co., Texas, 100 ft.
22.35		3	R. Runyon
22.36	Mammillaria dioica		" #21
22.37	Echinocereus reichenbachii	4	Mason Valley, San Diego, Calif. C. R. Orcutt
22.38	Coryphantha	3	San Antonio, Tex. R. Runyon March 1922
22.39	Mammillaria phellosperma		" " "
22.40	" goodridgei		Mason Valley, Calif. C. R. Orcutt Nov 1922
22.41	Eremurus warei		" " "
22.42	" tardiflora		Cult. in England 1922
22.43	" "		H. J. Elwes
22.44	" bungei		
22.45	" tardiflora		

22.46	Stichelandia euerosioides	Cult. in England H. J. Elwes 1922 (from Ecuador)
22.47	Hippeastrum brachyandrum Baker	
22.48	Mammillaria	Cerro de Santa Catarina, 2770 m. alt. C. Reiche March 22, 1922
22.49	" Cryptocanthia jumilla Boed. (mihi typus)	50 miles s. of Reynosa, Mex. R. Runyon #24 3/29/22
22.50	" sphaerica	Oakville, Texas " 22 3/29/22
22.51	Runyonia tamiflora	Reynosa Mex. " 23 3/-/22
22.52	Mammillaria	Fort Worth, Texas 3/27/22 J.R. Sneed
22.53	"	" " 3/27/22
22.54	Selaginella eremophila	Palm Springs, Calif. Coll. by McKelvey March 1922
22.55	Mammillaria milleri nsp. (MS)	Yuma, Ariz. Mrs. Chas. Bly March 1922
22.56.	" tetracentra Syn. Elwes, Mundt & Bozchan	" " "
22.57	Opuntia basilaris	" " "
22.58	Fouquiera splendens	" " "
22.59.	Opuntia macrarthra See letter 4/3/22 – Wherry	Pine woods on sand-hills, 4 miles east of Mason, along road to Camp Warden, Geo. E. T. Wherry 4/3/22

22.60	Opuntia	serpentina	4
22.61	"	prolifera	1
22.62.	Mammillaria	barwinskiana Mart.	3
22.63	"	spacelata	1
22.64	"	retusa	1
22.65	"	(near elegans)	4
22.66	"	rickoi	1
22.67	Epiphyllum	stenopetalum	3
22.68	Echinocactus	corrigera	1
22.69	Opuntia	sp. ? tortispina	1
22.70	Hylocereus	polyrhiza	4
22.71	Mammillaria	similis	1
22.72	"	"	8
22.73	"	"	2
22.74	Mammillaria	grahamii	1
22.75	"	"	1

North San Diego, Calif.
C. R. Orcutt #6

" " #5

Oaxaca, Mexico. 4/2/22
B P Rebo.

"

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"

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"

Starkville, Miss. 4/-/22
W Berry

Ecuador 4/21/22
F. W. Goding

Texas, In farmers yard, Industry. 4/18/22
BC Tharp.

" . Step sandstone hill, Smithville

"

" . Smithville

"

Arizona. Rock Creek, #3 4/18/22
Ruth C. Ross.

" " #4 (near #3)

"

22.76	Mammillaria grahamii		1
22.77	"	"	3
22.78	"	"	1
22.79	"	"	1
22.80	"	fasciculata	2
22.81	"	oliviae	1
22.82	Oreocereus straussii		4
22.83	Opuntia sochrensii Br + Roe.		2
22.84	Opuntia exaltata		4
22.85	Mammillaria		1
22.86	"		2
22.87	"		1
22.88	"		1
22.89	"		1
22.90	"		2
22.91	"		1

Arizona.	Road from Christmas to Globe Ruth C. Ross #5	4/18/22
"	(near #5)	
	" #6	
"	Top of ridge	
	" #1	4/13/22
"	Red basin, western ridge.	
	" #2	
"	Sabino Canyon, Sta. Catalina Mts Forest Shreve	1915
	Bajada of Sierra Mts. S.W. of Tucson "	3/22/22
Germany	Berlin Bot. Gard. Fr Vaupel	4/-/22
Peru,	Cuzco Fortunato L Herrera	3/25/22
"		
	"	
Arizona,	Little Gold Gluck near old mill. Ruth C Ross. #7	4/23/22
"	, The tablelands, northwest rim	4/26/22
	" #8	
"	, (Near #8)	
	" #9	
"		
	" #10	
"		
	" #11	
",	Road from old Mill to Winkelmans	4/27/22
	" #12	
New Mexico,	Box Cañon, 4 mi. NE. of Santa Fe. L. E. Wood	4/20/22

22.92	Mammillaria confusa	1	NY.
22.93	Rhipsalis leucorhaphis	2	
22.94	Cyanotis kewensis	1	
22.95	Cyanotis	1	
22.96.	Rhipsalis crispata	1	
22.97	Manfreda tigrina	3	
22.98	Mammillaria wrsmannii (Seeds)		
22.99	Echinocactus megarhizas (Seeds) Bozdan	2	
22.100	(Biznaga) Mammillaria mazatlanensis	3	
22.101	(Barbe de V. rfes) Cephalocereus purpusii	1	
22.102	(Grass) Rathbunia	1	
22.103	(Nopal) Opuntia	1	
22.104	(Nopal) Opuntia	1	
22.105	(Cardon) Echinocereus Lutens Rose	1	
22.106	(La Bajeta Biznaga) Mammillaria ortegae	2	
22.107	Argemone intermedia (Seeds)	1	

. Berlin (N.Y.B.G. 30353) 5/12/1922
W. Mundt
N.Y.B.G.
Shafer. 5/12/1922
N.Y. Bot. Gard. 38847
(Loc.?) Missouri Bot. Gard. 1913
N.Y. Bot. Gard. 45916
(Loc.?) H. Nacho 1917
NY. Bot. Gard. 29926
(Loc.?) C.B. Berger 1908
Tennessee, Chattanooga
R.S. Walker (Dr. W. Freeman B. P. I.) —
Oklahoma Agr. College
C.O. Charles 1921
Mexico, Reynosa 5/10/22
Robert Runyon
Mexico; Mazatlán 5/10/22
J.C. Ortega #2
" " #3
" " #4
" " #5
" " #6
" " #7
" " #8
Texas, Brownsville. (flowers white) 5-11-22
Robert Runyon.

22.108	Argemone mexicana (Seed)	1	Texas, Brownsville. (yellow flowers) 5/1/22 Robert Runyon.
22.109	Euphorbia (Seed Boschan)	2	Mexico, Parc de Chapultepec. 5/3/22 Karl Reiche 1 Sheet mat. for U.S.N.H. III-14-32 2 " dupl. for distr. E.C.F.
22.110	Solisia pectinata	3	Mexico, near Tehuacan B.P. Reko.
22.111	Opuntia floccosa (Rokka communis)	3	Peru, Cusco. 4/24/22 F. L. Herrera
22.112	" " (common name Huarokko!)	2	"
22.113	Hylocereus polyrhizus (Seeds)	2	"
22.114	Deamia	1	Ecuador. 5/26/22 Dr. Goding
22.115	Echinocereus mojavensis	1+1	Guatemala, (Cactus on Escoba Palm - see Photo-) O.F. Cook.
22.116	Opuntia pollardi	2	Colorado dupl. 5/24/22 S.B. Parish. = Munz & Johnson #5298
22.117	Pediocactus robustior	3	Virginia, Cape Henry 5/30/22 C.T. Wherry.
22.118	Selenicereus pteranthus	1	Washington, Yakima 5/29/24 Elias Nelson
22.119	Lemaireocereus griseus	1	(In cultivation) 5/31/22 E.P. Childs #1
22.120	Arens jamacaru	1	(In cultivation) E.P. Childs #2
22.121	Echinopsis gemmatus	1	(In cultivation) E.P. Childs #3
22.122	Echinopsis	1	(In cultivation) E.P. Childs #4
22.123	Echinopsis	1	(In cultivation) E.P. Childs #5
			(In cultivation) E.P. Childs

22.124	Echinopsis	1	(A. Cultivation) E P Child
22.125	Cereus = Echinocereus munzii n sp (herb. specs) (N.Y.)	1	California; Sanworthy in Thomas Valley of the San Jacinto Mts. Riverside Co. 5/21/22 Locally abundant on dry rocky slopes. Munz & Johnston # 5570
22.126	Echinocereus coccineus.	3	Arizona, Clifton W.W. Eggleston
*22.127	Psilotum nudum (L) Griseb * Not planted - made mistake specimens.		Columbia, Buenaventura Berg. on tree 4/7/22 E.P. Killip.
22.128	Pediocactus simpsonii	4	Colorado; manitou 6/7/22 Jean M. Johnston (b)
22.129	Coryphantha vivipara	1	" " (a)
22.130	~~Acanthocereus pentagonis~~ Peniocereus greggii (Hew) B&R.	2	Columbia, below Dagua 5/14/22 EP Killip #5412
22.131	Opuntia bella Br. & Rose	1	" below Dagua " #5414
22.132	Cactus obtusepetalus	1	" below Dagua " #5415
22.133	Lygocactus truncatus	1	" Cult. at Cumbre, native here. 5/14/22 " #5998
22.134	Sodiroa	1	" Buenaventura Berg. " #5227
22.135	Coryphantha vivipera	1	Colorado, col. Springs, Pikes Peak G.W. Goldsmith
22.136	" "	1	" Mouth of Austin Bluffs 6-/22 "
22.137	" "	1	" Top of Austin Bluffs. "
22.138	Opuntia	1	Texas; Austin. 6/15/22 Williams Tell. "
22.139	Opuntia (Surida)	2	"

(2)

22.140	Echinocactus setispinus			1
22.141	Mammillaria mitallii			1
22.142	Mammillaria applanata			1
22.143	Echinocactus texensis			2
22.144	Opuntia	(Tuna)		2
22.145	Opuntia			2
22.146	Echinocereus reichenbachii			2
22.147	Opuntia	(Robka)		2
22.148	Lobivia corbula	(Añapanco)	(ny)	7
22.149	Opuntia	(Añapanco)		1
22.150	Silenicereus spinulosus			2
22.151	Mammillaria micracarpa		(Herb. CP ny)	1
22.152	Opuntia			1
22.153	Pachycereus gaumeri B+R. seeds Dumpel, Hilda, Bachan.		(Herb. CP ny)	1
22.154	Echinocereus munzii			1
22.155	Dudleya			

Texas; Austin (1) 6/15/22
William Tell
"
"
" San Saba Co.
" (1)
"
" (12)
"
" (12)
"
" (12)
"
" (12)
Peru; Cusco. 3700 a 4000 m sobre el nivel del mar. 5/-/22
Fortunato L. Herrera.
" "El fruto es, de Huarachko, ó sea Cactus Erdisi? El anapanco, crece en los alrededores del Cusco.
" Crece en macas, campechas de 30 á 35 ramas que apenas sobresalen del suelo."
" Añapanco y una penca, de Aiampin. - Alrededores del Cusco 3500 á 3600 m.
Mexico; Monterey
E.P. Gifford
Arizona; on upper terrace on right bank of Gila River in Central part corner of Section 15 T 4 S R 16 E. 6/14/22
R.C. Rose #13
" Mexican yard near Kelvin Lumber Co, Winkelman. 6/15/22
"
Mexico; Izamal Yucatan.
Geo. F. Gaumer.
California, Rear Valley, San Bernardino Mts. Locally abundant on dry rocky slopes along North side of Baldwin Lake. 6/8/22
Munz #5759
California, (with 5759)
"

22-156	Echinocereus majavensis	2
22-157	Opuntia	1
22-158	(Wild Yucca)	1
22-159	Pedocactus simsonii (Det.) Boschan	1
22-160	Coryphantha ~~convoensis~~	2
22-161	Mammillaria centricirrha (Cud)	1
22-162	Coryphantha vivipara	1 ~~5~~
~~22-163~~	~~Opuntia~~ (blank)	~~1~~
22-164	Mammillaria	1
22-165	"	1
22-166	"	1
22-167	Echinocereus	1
22-168	Mammillaria wiesmanii	2
22-169	Coryphantha aggregata (Engelm)	3
22-170	Hasseanthus	1
22-171	Coryphantha vivipara	5

6/13/22

California; San Bernardino Mts. 7000 ft. locally abundant on dry rocky slopes along the divide north-east of Baldwin Lake.
Muns # 5760

Georgia; Ft. Barrington.
Edgar T. Wherry 6/22/22

Santo Domingo
W. L. Abbott # 2389 1922

Colorado; Ute Pass Trail near Rongs Ranch 2½ mi. N.W. of Manitou.
J. M. Holmoton. 6/19/22

Mexico; between Tacubaya & Santa Fe; common.
H. Reiche

Mexico "
"

Alberta; Jun.
A Carr Harris

"

"

Arizona; Tule Spring, Aravaipa Creek about 2 mi South of Aravaipa. 6/11/22
Ruth C. Ross #14

"
" #15
"
" #16 x
"
" #17 x

Oklahoma; Stillwater.
C. O. Chambers

Arizona; Ridge south of Aravaipa.
C. P. Ross 1 6/24/22

California; Los Angeles.
Mrs. Davidson

Alberta; Banff.
Dr & Mrs Walcott.

22.172	Opuntia polyacantha (my)	1+5	Alberta; Banff. Dr + Mrs. C.D. Walcott.
22.173	Mammillaria vjoosensiana	2	Mexico, from Mus. de Agri., Contrib., Belgium 6/19/22 Franz de Laet.
22.174	Mammillaria phellosperma	1	Arizona, Bouse. 6/26/22 C.R. Orcutt.
22.175	Mammillaria	1	Arizona, Wickenburg C.R. Orcutt.
22.176	Opuntia fuscoatra Engelm	1	Texas, Brownsville 6/5/22 R Runyon # 26
22.177	Echinocereus blanckii	4	" # 25
22.178	Pavonia lasiopetala	6	"
22.179	Mammillaria millei (Seed) (my)	1	Arizona; Phoenix C.R. Orcutt.
22.180	Opuntia basilaris	2	California, Los Angles 5/3/22 W. Kew.
22.181	Opuntia truncata	2	Peru, Cascos Fortunato L. Herrera
22.182	~~Bolivia~~ corbuta	2	"
22.183	Opuntia floccosa	3	"
22.184	Opuntia	1	"
22.185	Cactus cacius Br+R.	2	S. Carolina; Mandks Corner C.T. Wherry
22.186	Coryphantha arizonica	1	Venezuela; Cabo Blanco 4/5 1922 H. Pittier
22.187	Echinocereus arizonicus	1	Utah; Flat Top about 8 mi from Saline Exp. Station 7/8/22 AL Clausen thru CO March. (a)
			"
			"

22.188	Echinocereus coccineus	(ny)	3
22.189	Echinocactus Wicolor		2
22.190	Mammillaria macrocarpa		1
22.191	Echinocereus coccineus Engelm		1
22.192	Opuntia whipplei Engelm		1
22.193	Coryphantha runyonii	(ny)	2
22.194	Ariocarpus fissuratus		1
22.195	Mammillaria multiceps		1
22.196	Coryphantha pectinata		1
22.197	Echinocactus horizontalonius		5
22.198	Opuntia echtii		3
22.199	Echinocactus erectocentrus		1
22.200	Coryphantha aggregata Engelm		1
22.201	Pachylophus marginatus (Mutt Rydb) (seed)		1
22.202	Echinocereus macdougalii ssp	(ny)	2
22.203	Mammillaria aggregata Engl	(NY)	1+3+2

Utah; Gooseberry Creek 2-3 miles below Salina
C.D. Marsh (c)

Texas; Roma
Robert Runyon 7/14/22

Arizona; Mt Graham.
C.R. Orcutt

"

"

"

"

Texas 7/5/22
Robert Runyon

Texas; Langtry, limestone Ridges 7/18/22
Geo. L. Fisher #1

" Rio Grande Bluffs under shrubs
" #2

" "
" #3

" ; Gravel hills
" #5

" Lime stone, under brush.
" #8

Arizona, Plantano
Orcutt 1922: 706

"

" 818

" Mts Harquahala Hills, Wenden. 7/21/22
A.F. Moore.

Arizona; Aravaipa Mean root efflux growing in a cespitose clump about 2 ft. in diameter at about 20 heads from the roots. Very common here but not usually in such large clumps.
Ruth C. Ross # 23 7/17/22

" Near Mr. Landsmans springs on road to Aravaipa. Hemispherical clump as described in Envoy weighing 6 lbs and containing 20+ heads. Fairly common.

" # 22 7/16/22

22.204	Opuntia whipplei	1	Arizona, road from Klondyke to Safford; cerise blossoms. Fr. pendant. Ruth C. Ross #20 7/1/22
22.205	Manfreda	2	Tennessee. R S Walker
22.206	Manfreda	1	"
22.207	Mammillaria oliviae	5+1	Arizona. Orcutt #802
22.208	Spreckelia formosissima	7	Mexico B.R. Villaseñor (% W.R.M.)
22.209	Mammillaria milleri	3	Arizona; Wickenburg; Steep dry rocky hillside 7/2/22 F.A. Greeley % O.C. Thompson.
22.210	Echinocereus dasyacanthus	1	Texas. Susan Pattison
22.211	Peniocereus greggii	3	Texas; east of Finley on flat near Roche Mts. in mesquite brush.
22.212		2	Columbia. Woods near summit of divide between Rio Sycio & Rio Piedras, west of Popayan, Dept. of Cauca. (alt 8000 ft) Pennell & Killip # 8203 7/3/22
22.213	Echinocereus Baileyi Rose (my)	2	Oklahoma, Cache. Frank Rush.
22.214	Opuntia	1	Peru, below Cuzco 2500 m. 7-/22 F.L. Herrera
22.215		1	" 1500 m.
22.216	Cereus Pisebo (my)	1	"
22.217	Epiphyllum phyllanthus (my)	2	" 1200 m. "
22.218	Opuntia brasiliensis (my)	3	" 1000 m
22.219	Rhipsalis teneras (my) (Dead Oct 30 1922)	3	" —

22.220	Ferocactus johnsonii	2	California James H. Ferriss.
22.221	Echinocereus	1	Oklahoma, Ada. (Found in 1917.)
22.222	Opuntia	1	Alberta, Gem. A Car Harris 7/12/22
22.223	Dudleya ~~flava~~ pavva	1	California, Los Angeles Dr A. Davidson.
22.224	Opuntia pollardi?	1	New Jersey, Bensley Point Aug 1922 E. F Wherry
22.225	Miscembryanthemum dorcetii	1	England, 85 St Albans Road, Ilford C. Dennis O'Donoghue
22.226	Mammillaria milleri nsp.	4	Arizona, Phoenix. O.C. Thompson.
22.227	Echinocactus wislizeni	1	Arizona, Arizipa Mrs Ruth Ross
22.228	Echinocereus	3	"
22.229	"	5	"
22.230	"	1	"
22.231	"	1	"
22.232	Mammallaria	3	"
22.233	"	1	"
22.234	"	1	"
22.235	Coryphantha	5	"

22.236	Opuntia	1
22.237	"	1
22.238	"	1
22.239	"	3
22.240	"	1
22.241	Fouquiera	1
22.242	Opuntia	
22.243	Echinocereus coccineus	
22.244	Pediocactus simpsonii	
22.245	Sedum niveum	
22.246	Rhipsalis	
22.247 (1)	Mammillaria Krausekiana	
22.248 (2)	M. conzattii	
22.249 (3)	Mammillaria	
22.250 (4)	M. pseudoperbella	

Arizona, Arimpa
Mrs Ruth Ross.
"
"
"
"
"
"
"
"
"

Utah; Bet. Salina & Salina Experiment Station, 7,000 ft.
C. D. Marsh. Sept. 6, 1922
Utah, Kooshiaren Canyon
C. D Marsh " "
" " " " "

California; San Bernardino Mts. Dollar Lake.
Philip A. Munz Aug. 24
In cultivation at Leuchtenberg, Nogales
Percy R. Monroe Sept. 1922
Mexico, Oaxaca
C. Conzatti. Aug 23.
"
"
"

22.251 Echinocactus dyeriei

22.252 Dendrocereus nudiflorus

22.253 Opuntia proliferа (Dead)

22.254 Bergerocactus emoryi

22.255 Opuntia "West Nyemana"

22.256 Hylocereus purpusii

22.257 Argemone platyceras Texpada P.

22.258 Sedum

22.259 Araucaria

22.260 Pronoscadum

22.261 Opuntia spinulifera (ny)

22.262 Opuntia (ny)

22.263 Rhipsalis grandiflora

22.264 Echinocereus

22.265 Mammillaria

22.266 Sclerophyllum hassei

(13394)

Lagoon, Angel de la Guarda Isl. Sonora Cal,
J. M. Johnston - May 21.

Dominica. Bot. Garden
Joseph A. Jones. Thru E. H. Bailey

California, Avalon,
Ezra C. Knopf.

Harpers Ferry, W. Va.
E. T. Wherry. Sept.

Zapotitlan, Nayarit, Mexico
C. R. Orcutt

The Lagoon, Angel de la Guarda Island, Sonora Cal.
Ivan M. Johnston 1922

Portland, Oregon
M. W. Gorman. 1922

Seeds from Mexico
Bureau of Chemistry PI. 35586
" " " " "

Fort Dennison, east of Cincinnati, Ohio.
Edgar T. Wherry Sept. 10, 1922

East of Cincinnati
E. T. Wherry Sept. 10.

Brazil, Sao Paulo.
J. N. Rose 1915

Guaymas.
C. R. Orcutt 1922: 940

" " 1922: 941

Santa Islands, California / South Shore near Seal
Ezra C. Knopf No. 1 [Rocks

22.267 Stylosphyllum insulare		Near Frog Rock, mid Ranch Canyon Santa Catalina Island, California Ezra C. Knopf 1922
22.268 Stylosphyllum trackae		Empire Sanding, Stone quarry. Santa Catalina, California E. C. Knopf
22.269 Echinocactus lemaireanus		Berlin Botanical Garden Dr. F. Vaupel
22.270 Coryphantha muehlenfordii (Mammillaria schaei) (syn. valida)	1	New Mexico; Oregon. Mts. J. H. Ferriss
22.271 Mammillaria meiacantha Eng	1	"
22.272 Mammillaria grahamii Eng.	1	"
22.273 Mammillaria dasyacantha	3	"
22.274 Mammillaria sebosa	2	Mexico, Oaxaca Sept 22, '22. C Conzatti
22.275 Echinocactus	1	"
22.276 Mammillaria	2	"
22.277 Mammillaria	2	"
22.278 Mammillaria	2	"
22.279 Mammillaria	4	"
22.280 Bergerocactus emoryi	2	California, Avalon. Oct. 3, 1922. E. C. Knopf.
22.281 Opuntia fragilis	1	Wash Sept. 28, 1922. C. D. Marsh
22.282 Rhipsalis	2	Germany. Stuttgart. A Berger.

22.283	Rhipsalis mesoclei Berger. (typical)	Germany, Stutt Gart.
22.284	Rhipsalis oblonga Löfg. (Dead Nov. '22)	2 A. Berger.
22.285	Rhipsalis leucorhaphis	2 Germany, Stutt Gart A. Berger. (Col. by Prof. Goebel in S America)
22.286	Borzicactus acanthurus (Vaupel) B&R	2 "
22.287	Trichocereus peruvianus B&R.	2 " (Pampas, Dahlem Bot. gard.)
22.288	(Dead Nov. 1922)	Peru Field Museum Expedition.
22.289	Piptanthia	2 # 2392
22.290	Piptanthia	"
22.291	Opuntia pascoensis B&R.	2 # 2391
22.292	(dead Oct 1922)	"
22.293	Espostoa lanata (HBK) B&R.	2 # 2386
22.294	Opuntia	"
22.295	(Dead Nov 1922)	2 # 2378
22.296	Mammillaria	"
22.297	Opuntia	2 # 2390
22.298	Lemaireocereus thurberi (Engel) B&R.	"
		3 # 2392
		"
		2 # 2387
		"
		2 # 2364
		"
		4 # 2365
		"
		4 no #.
		Mexico, Mazatlan
		3 J.G. Ortega # 4590
		"
		1 " no. #
		"
		" # 4587

22.299	Echinocereus viridiflorus Engl.	1
22.300	" straminneus (Engl) Rumpl.	1
22.301	Epithelantha micromeris (Engl.) Weber	1
22.302	Mammillaria tuberculata Engelm.	2
22.303	Ferocactus uncinatus B+R	1
22.304	Quilandria cristata (Seed)	1
22.305	Echinocereus fendleri	3
22.306	Mammillaria mainae	1
22.307	Mammillaria neo grahamii	5
22.308	Mammillaria macdougallii Rose?	2
22.309	" " (large plant)	1
22.310	Ferocactus covillei	1
22.311	Lemaireocereus eichlamii B+R (Seeds)	1
22.312	Ferocactus (Seeds)	1
22.313	Rhipsalis	2
22.314	Rhipsalis	2

New Mexico, Los Cruces Oct. 4, 1922
Jas. H. Ferriss # 264
" # 264 a
" # 263
" # 265
" # 262

Mexico, Sonora
Orcutt.
" Under mesquite, San Ignacio near Magdalena.
" # 1922:1328
" " "
" # 1922:1327
" Near Magdalena.
" # 1922:1273
" " "
" # 1922:1274
" " "
" # 1922:1274
"
"

El Salvador, Vicinity of Sonsonate, Dept. de Sonsonate alt. 200-300 m. Nov. 19-27, 1922
P.C. Standley # 27328

Mexico, west coast
Ortega

Brazil, Jardin Botanico Rio de Janeiro.
P. Campos Porto # 22!
"
" #49

22.315	Rhipsalis	2
22.316	Rhipsalis pulvinigera	2
22.317	Rhipsalis neves - armondi	2
22.318	Rhipsalis Fuchellii Rose	2
22.319	Rhipsalis paradoxa	2
22.320	Rhipsalis pulvinigera	2
22.321	Rhipsalis megalantha	2
22.322	Rhipsalis pulvinigera	2
22.323	Rhipsalis pulvinigera	2
22.324	Cryptocactus sulcata (fruit)	1
22.325	Opuntia macrorhiza	1
22.326	Mammillaria occidentalis	4
22.327	Mammillaria texensis	3
22.328	Mammillaria echinipes	1
22.329	Mammillaria mecacantha	1
22.330	Opuntia Lindheimeri	3

Brazil; Jardin Botanico Rio de Janeiro.
P. Campos Porto # 67
" " # 68
" " # 12
" " # 54
" " # 21
" " # 38
" " # 13
" " # 6
" " # 5

Texas; Polytechnic Oct. 19, 1922
A. Ruth.
"
"

Mexico; Manzanillo June 6, 1922
S.E. Aguirre (American Vice Consul in charge)

Texas; Langtry att Nooft July 18, 1922
Geo. L. Fisher #313.
"
" #311

New Mexico; Cumpas
J.H. Ferris # 269

Texas; Uvalde Oct. 20, 1922
John C Hamlin.

22.331	Mammillaria		
22.332	Mammillaria sumiglei nsp.	6	Mexico, Minas Piritas, Sonora Sept 29, 1922 Orcutt 1922. 1248
22.333	Echinocereus scopulorum Br+R.	3	" , Guaymas, Sonora " 1922: 941
22.334	Mammillaria	3	" " 1922: 940
22.335	Lobivia corbuta Henem Br+R	3	" Magdalena, Sonora 1922: 1273
22.336	Echinocereus	1	Peru; Cusco. Alt. 3200-3600 m. Fortunato L Herrera # 7
22.337	Opuntia santa-rita	1	Arizona, nr Gila Oct 12, 1922 Orcutt # 1922: 1382
22.338	Opuntia delicata Rose	2	" " 2-3 ft high " # 1922: 1383
22.339	Echeveria runyoni Rose type	1	" " " # 1922: 1384
22.340	Anthericum	1	Texas, Brownsville. Oct 22, 1922 Robert Runyon.
22.341	Asclepias = Podostemma lindheimeri Gray.	5	" " "
22.342	Rhipsalis (Dead mar 1922)	1	" "
22.343	Opuntia hastifera	1	Peru; near Cuzo. F.H. Herrera
22.344	Hylocereus polyrhizus Br+R.	1	Goin to Mr Faile
22.345	Rhipsalis ~~casytha~~ baccifera	2	Panama E.P. Killip % P.W. Powell.
22.346	Weberocereus panamensis Br+R.	3	" "
		2	"

22.347	Epiphyllum (Dead 1922)	2.
22.348	Opuntia pascoensis Br+R.	2
22.349	Pedilanthus	1
22.350	Rhipsalis alipsis rosea (Lag.) DC	2
22.351	Echinocereus fendleri	1
22.352	Acanthocereus	1
22.353	Opuntia nigricans	3
22.354	Hylocereus	3
22.355	Opuntia bella	2+4
22.356	Opuntia	1
22.357	Cactus obtusipetalus	2
22.358	Lemaireocereus humilis Br+R.	1
22.359	Cephalocereus columbianus Br+R.	4
22.360	Mammillaria muehlenfordtii	1
22.361	Echinocereus rosii	1
22.362	Mammillaria grahamii	1

Panama
E.P. Killip & A.W. Powell.
Peru, Huanuco.
Field Museum Expedition # 2450.
Mexico; Nogales.
Mr. Coyne.
Germany.
Berlin Bot. Gard.
Arizona, Nogales
Orcutt 1922.1089.
Panama, Bella Vista, Bay of Panama Oct. 16, 1922
E.P. Killip # 12015
" " 12049
" " 12030
Colombia, Espinal, Dept. del Valle.
Killip + Hazen # 11107 Sept 7, 1922
" El Zarzal "
Pennell, Killip + Hazen #8386. Aug 31, 1922
" Espinal, Dpt del Valle.
Killip + Hazen # 11108 Sept 7, 1922
" # 11104
" # 11107
New Mexico, foot hills, S. end of Sacramento Mts at 5000 ft.
Jas. H. Feiring #280 Oct. 26 1922
" " #281
" alt 7000 ft.
" " #272

22-363 Echinocereus standleyi 1

22-364 Sabal texana (Trnt) 1

22-365 Lemaireocereus griseus (Haw) 1

22-366 Mammillaria sulcatus 4

22-367 Mammillaria barvinskiana Mart. 5

22-368 Mammillaria pseudo perbella Quell. 6

22-369 Mammillaria pyrrhocephala Scheidw 2

22-370 Mammillaria setosa 4

22-371 Ferocactus latispinus (Haw) Br+R.

22-372 Hasseanthus ~~blochmannus~~ Kesslerii Davidson 1½

22-373 Lobivia corbula (Werd) Br+R. 1

22-374 Opuntia tunicata DC 2

22-375 Echinocereus 2

22-376 Erdisia squarrosa (Vaupl) Br+R 3

22-377 Mammillaria recurvata 2+1

22-378 Mammillaria 1

New Mexico, S. end of Sacramento Mts 6000 ft.
Yas. H. Ferris #283 Oct 26, 1922

Texas, Brownsville
Robert Runyon

Columbia
Pennell.

Texas, Polytechnic
A Rueth Nov. 8, 1922

Mexico, Oaxaca de Juárez
C. Conzatti #10 Nov. 3, 1922

" " #11

" " #12

" " #13

" " #14

California, near Los Angles Nov 24, 1922
A Davidson

Peru, near Cuzo.
Fortunato L. Herrera

" " #8

" Rivr de Parure.

" " #10

" " #11

Arizona, Nogales.
Orcutt #1922 : 1391.

Mexico; Yolanco 1600 m Sept 5, 1922
Reko #4390

22.379	Mammillaria	1
22.380	Mammillaria	2
22.381	Opuntia	1
22.382	Mammillaria	1
22.383	Opuntia imbricata	1
22.384	Opuntia	1
22.385	Opuntia	1
22.386	Opuntia	1
22.387	Opuntia	1
22.388	Mammillaria jaliscana	2
22.389	Gleditsia triacantha Seed.	1
22.390	Hylocereus	1
22.391	Opuntia	1
22.392	Opuntia exaltata Berger.	1
392a	Second sending (2)	
22.393	Echinocereus rigidissimus	3
22.394	Echinocereus fendleri	1

Mexico: Colima Sept. 5, 1922
Rubo # 4391
" Mel. Oct. 9,
" # 4392
" Oct. 8,
" # 4395
" Zacateca City Oct.
" % Greichner # 4401
" "
" # 4403
"
" # 4404
"
" # 4405
"
" # 4407
"
" # 4408
" Nov. 2, 1922
" # 4410
D.C.; 14th & B St. Nov. 25, 1922
Dr Rose
California, Chico Nov. 20, 1922
spis 1763 Foreign Seed & Plant Introduction.
Peru, Prov. de Parinacochas, 3400 m. Nov. 20, 1922
Fortunato L Herrera #12
" , Prov de Pancorvambo 3450 m.
" #13
Arizona, Nogales
Orcutt
"
" # 1922: 1389

22.395	Opuntia spinosior	1	Arizona; Nogales Orcutt 1922:1291
22.396	Opuntia santa rita	4	" " 1922.1383.
22.397	Opuntia	1	" " 1922.1392.
22.398	Echinocactus	1	Germany
22.399	Mammillaria	1	Mexico Munot near Docatexas A.P. Reko No 4401
22.400	Opuntia fulgida	1	Texas, Austin. Dec 9, 1922. William Tell.
22.401	Opuntia Lindheimeri	1	"
22.402	Opuntia leucotricha	1	"
22.403	Opuntia brasiliensis	1	"
22.404	Opuntia arborescens	1	"
22.405	Opuntia arborescens	1	"
22.406	Mammillaria similis	1	"
22.407	Mammillaria robustispina	1	"
22.408	Cactus melocactus	10	Arizona; continental Dec 7, 1922 Orcutt 1922:1393.
22.409	Opuntia spinosissima	5	Navassa Island " Lighthouse service "
22.410	Opuntia fusco-atra	2	Texas; Gulf Coast Sept 1, 1922 Tharp. #1

22.411	Mammillaria similis	3	Texas, Gulf Coast. Sept 1, 1922.
22.412	Mammillaria sulcata	2	B. C., Tharp.
22.413	Rhipsalis herrerae	2	, Edwards Plateau near Austin
22.414	Echinocereus	2	"
22.415	Mammillaria	1	Peru, Prov. de la Convencion alt 1000-1500 m. Fortunato L. Herrera #16 Oct. 17, 1922.
22.416	Mammillaria	2 (one dead)	Peru, Prov. de Urubamba 2000 m. " #14 Oct 16, 1922
22.417	Mammillaria	2	Mexico, Buenavista, de Cuellar Guerrero Rose. Nuñez & Solis #1
22.418	Coryphantha	1	Mexico, Caborca, Sonora. Rose. Gallegos & Solis #3
22.419	Mammillaria	1	Mexico, Nayarit. Agente del Gobierno & Solis #7
22.420		1	Mexico, Guerrero Nuñez. Solis #8.
22.421	Mammillaria solisii Rose.	1	Mexico, Guerrero " #9
22.422	Mammillaria	1	" " #11
22.423	Coryphantha Dead 2/3/23	1	" " #12
22.424	Opuntia	1	" " #2
22.425	Mammillaria	1	" " #5?
			Mexico? #1330
			Guadalupe, El Risco. Herrera. 96. Solis #10

1923

23.1	Dudleya rusbyi	(3)	Arizona; Sabino Canyon, Santa Catalina Mts. Edwin B Bartram.
23.2	Mammillaria tetrancistra	(1)	Arizona; Yucca. Mrs Rby. #1
23.3	Mammillaria milleri nsp.	(1)	" " #2
23.4	Mammillaria milleri nsp.	(1)	" " #3
23.5	Rhipsalis	(1)	Brazil. Rio de J. Campos Porto. #1179
23.6	Mammillaria lenta	(1)	Texas, Alpine = Terlingua road. Mrs H Ferris.
23.7	Dead 2/13/23	(2)	Peru Oct 27, 1922 F.L. Herrera #19
23.8	Cereus	(4)	" , Prov de la Convencion. " #20
23.9	Opuntia brasiliensis Willd.		"
23.10	Opuntia	(2)	" #21
23.11	Opuntia echinocarpa	(2)	" . Prov de Quispicanchi " #23
23.12	Opuntia monteviden sis	(4)	Arizona, Nogales C R Orcutt 1923:2
23.13	Opuntia montevidensis	(2)	Uruguay, beach at Pocitos. Oct 17, 1922 Hugh Smith.
23.14	Agave vilmoriniana Berger	(2)	" , Lobos Id. "
23.15	Echinocactus	(1)	Mexico, Guadalajara, 15 m Atst. Rebo # 4595
23.16	Hylocereus	(1)	Mexico. Torreon Rebo # 4478
		(1)	Mexico. Tehuacan Rebo # 4591

23.17	Hylocereus	(1)
23.18	Selenicereus	(1)
23.19	Mammillaria	(1)
23.20	Aporocactus	(1)
23.21	Nyctocereus oaxacensis	(1)
23.22	Mammillaria occidentalis	
23.23	Bryophyllum pinnatum (cred)	(1)
23.24	Selenicereus donkelaarii (Salm-Dyck)	
23.25	Ariocarpus Lloydii Rose	(2)
23.26	Astrophytum myriostigma Lem.	(1)
23.27	Lemaireocereus gattatum Rose	(2)
23.28	Sedum palmeri	(2)
23.29	Sedum diffusum	(2)
23.30	Echeveria Simulans Rose	(1)
23.31	Selenicereus spinulosus (DC) Br+R.	(1)
23.32	Mammillaria runyonii Br+R.	(1)

Mexico; Tehuacan
Rebo # 4592

Mexico, Tamaulipas
Rebo # 4593

Mexico, Tonala, Chiapas
Rebo # 4596

Mexico, " "
" # 4597

Mexico, " "
" # 4598

Mexico, Manzanillo.
Consular Service (American) S.E. Aguirre.

Peru.
MacBride # 2420 1922

Yucatan, Merida
S.G. Morley 2/25/20

Mexico, San Pedro, Coah.
A.F. Moeller

" "

" "

Mexico, Chico Mountain, near Monterey. 3/16/20
Robert Runyon

" "

" "

" "

" "

" , Santa Catarina Mts.

" "

" "

" "

" "

23.33	Ferocactus cylindraceus	(1)	California, Whitewater, Riverside Co. Orcutt.
23.34	Ferocactus lecontei	(1)	Arizona, Phoenix
23.35	Lupinus	(2)	Peru 1922 Macbride and Featherstone # 1300
23.36	Lupinus	(2)	Peru, cultivated at Huanuco "
23.37	Echinomastus dasyacanthus	(3)	Texas, El Paso E.M. Slater
23.38	Opuntia schottii	(1)	"
23.39	Echinocactus horizonthalonius	(1)	"
23.40	Cactus brodwayi B.+R.	(1)	~~Columbia~~, Tobago M. Chrysler
23.41	Opuntia pascoensis B+R	(3)	Peru, Chosica 7/1/23 J.F. Macbride # 2850
23.42	Opuntia sphaerica Frost	(3)	" " # 2849
23.43	Binghamia acrantha B+R.	(5)	" " # 2848
23.44	Cactus townsendii B+R.	(1)	" " # 2852
23.45	Espostoa lanata B+R	(1)	" " # A
23.46	Binghamia melanostele B+R.	(3)	" " # 2851
23.47	Lemaireocereus Cactus B+R	(1)	" " # 2844
23.48	Dudleya = Graptopetalum bartramii. nsp.	(1)	Arizona, Patagonia Mts. E.B. Bartram

23.49 Selaginella bigelovii

23-50 Mammillaria similis (1)

23-51 Opuntia stenochela Engelm. (2)

23-52 Astophytum capricorne (1)

23-53 Thelocactus bicolor (4)

23-54 Echinocactus horizonthalonius (3)

23-55 Mammillaria pottii (3)

23-56 Echinocereus reichenbachii (2)

23-57 Coryphantha (3)

23-58 Epithelantha micromeris (2)

23-59 Mammillaria dioica (2)

23-60 Echinocereus (2)

23.61 Ferocactus lamatacanthus (2)

23-62 Mammillaria (3)

23-63 Mammillaria (1)

23-64 Mammillaria meiacantha (1)

Ojai, Calif.
Caroline C. Haynes Mar. 1923.

Texas, Austin.
University of Texas Bot. Dept.

Arizona, Vermille Bluffs 20 mi N. of Cave Apr 3, 1923
E. A. Goldman

Mexico, S. Pedro Coh.
A. F. Moeller #1

#2

#3

#4

#5

#6

#7

#8

#9

#10

#11

#12

#13

23.65	Ferocactus	(1)	Mexico, S. Pedro. Coh. A. F. Moeller # 14
23.66	Neolloydia conoidea	(1)	# 15
23.67	Opuntia compressa	(1)	Connecticut, New Haven (West Rock) Edgar T. Wherry
23.68	Opuntia	(1)	Milford, Ct. "
23.69	Allmin pseudobulbiferum	(1)	California, Palmdale, Mohave Desert. Apr. 1, 1923 A Davidson 35-69
23.70		(1)	El. Paso, Texas Elsie McElroy Slater # 2
23.71	Echinocereus viridiflorus	(1)	" # 3
23.72	Echinocereus viridiflorus	(1)	" # 4
23.73	Echinocereus chloranthus	(1)	" # 5
23.74	Echinocereus viridiflorus	(1)	" # 6
23.75	Echinocereus chloranthus	(1)	" # 7
23.76	Coryphantha neomexicana	(1)	" # 8
23.77	Opuntia ~~truncata~~ machrdei	(3)	Peru Machride # 3260
23.78	Opuntia ~~truncata~~ n/b	(2)	" ~~# 3250~~
23.79	Echeveria	(2)	"
23.80	Mammillaria	(1)	Mexico, San Pedro, Coahuila Arthur F. Moeller. # 1.

23.81 Opuntia tunicata Link & Otto	(1)	Mexico, San Pedro, Coahuila
23.82 Opuntia tunicata Link & Otto (form)	(1)	Arthur F. Moeller # 2
23.83 Echinocereus pectinatus Engelm.	(1)	" # 3
23.84 Coryphantha radicans (DC)	(1)	" # 4
23.85 Coryphantha radicans (DC)	(1)	" # 5
23.86 Echinocereus pectinatus Engelm	(1)	" # 6
23.87 Dudleya	(1)	" # 7
23.88 Arenz trigonodendron Sch. Sent to NY	(1)	Arizona J.J. Thornber May 14, 1923.
23.89 Opuntia brasiliensis Willd.	(2)	Peru, Prov. de la Convencion, valle de Lares 800-1500 m. valle de Santa Ana y Calca F. L. Herrera
23.90 Mammillaria macdougalii Sent to NY	(1)	"
23.91 Opuntia virens	(1)	"
23.92 Echevera whitei nsp.	(3)	Arizona, Catalina Mts. Alt 4000 ft. DT Macdougal (Tucson Arizona) Kew 1902 NYBG# 15614
23.93 Ferocactus lecontei	(1)	Bolivia (Mulford Expd) Orland E White
23.94 Echinocereus fendleri	(2)	Mexico, Sonora D.T. MacDougal
23.95 Mammillaria sheldonii	(4)	"
23.96 Agave shottii	(5)	"
		"
		" "

23.97	Agave	(1)	Mexico, Sonora D.T. MacDougal.
23.98	Coryphantha.	(1)	California? E.C. Rost, 209 N. Stoneman St. Alhambra Calif.
23.99	(Seed)	(4)	Peru Macbride with # 810 (1923)
23.100	Opuntia leucotricha	(3)	Kentucky, Cliffs of Kentucky River, Camp Nelson. E.F. Wherry.
23.101	Selaginella lepidophylla	(12)	Texas, El Paso. Mrs S.L. Pattison.
23.102	Opuntia	(1)	N. Carolina, near Wilmington D.W. Gross thru Y.K. Small.
23.103	Rhipsalis heteroclada	(1)	Brazil, Ilha Grande 43053 [Rose 20.371] June
23.104	Rhipsalis penduliflora	(1)	" 43050 [Rose 20.250]
23.105	Cissus rhombifolius	(1)	Panama, Balboa heights C.Z. June 5, 1923. W.R. Macon 6761
23.106	Epiphyllum strictum	(4)	" " 6706
23.107	Epiphyllum phyllanthus	(2)	" " 6707
23.108	Hylocereus monacantha	(2)	" " 6705
23.109	Pereskia conzattii B.+R. (Seed)	(1)	Mexico, San Geronomo, Oaxaca. May 1923 C.A. Purpus
23.110	Mammillaria pottsii	(1)	Texas, 80 mi So of Marfa. S.L. Pattison (Camp Ellis, Box 78) #1 June 1923
23.111	Echinocereus dasyacanthus	(1)	" " #2
23.112	Echinocereus	(4)	" " #3

23.113 Acanthocereus floridanus nsp. (2)

23.114 Selenicereus spinulosus (2)

23.115 Epiphyllum (1)

23.116 Epiphyllum oxypetalum (2)
(cult)

23.117 Epiphyllum oxypetalum (1)
(cult)

23.118 Epiphyllum (1)
cult.

23.119 Epiphyllum (1)
cult.

23.120 Selenicereus (2)
(cult)

23.121 Rhipsalis cassutha (1)
(cult)

23.122 Acanthocereus pentagonus (1)

23.123 Hylocereus (2)

23.124 Stylopshyllum edule (Nutt) B+R (2)

23.125 Dudleya delicata Rose. (2)

23.126 Epiphyllum adelinae nsp. (2)
Dud. glaucescens Ref. to W.R.M.'s letter June 12, 1923, Balboa, C.Z.

23.127 Dudleya (1)

23.128 Cactus oaxacensis B+R. nsp. (1)

Florida
H.R. Small June 15, 1923

Mexico (northern?)
Dr. Miles Medical Co., #13 Gampela. June 6, 1923

Ill. (cult.)
Mrs. Paul Brundage (Geneva R #1) June.

Panama. Balboa C.Z. June 13, 1923.
W.R. Maxon. # 6768.

6836

6833

6835

6834

6925

Panama, One mile E. of Panama City June 12, 1923
W.R. Maxon # 6967
(with 6962)

6968

California, S.W. corner of Riverside Co. June 19, 1923.
P.A. Munz 7130 (Pomona College, Claremont Cal.)

7131

Panama, Balboa cult. in garden of C.W. Powell. from (Juan Diaz region)
W.R. Maxon. # 7079.

California, Fish Canyon, San Gabriel Mts. June 25, 1923.
A. Davidson 3578.

Mexico, Zacuapan, Vera Cruz. June 16, 1923.
C.A. Purpus.

23.129 Peiskia conzattii B.+R. (3)

23.130 Nyctocereus ~~guatemalensis B&R~~ oaxacana (3)

23.131 Cephalocereus collinsii B+R n. sp. (4)

23.132 Neomammillaria collinsii B&R n. sp. (3)

23.133 Acanthocereus pentagonus (L) B+R (1)

23.134 Opuntia (1)

23.135 Coryphantha neomexicana (3)

23.136 Passiflora ~~serratifolia~~ trifolia

23.137 " ~~trifoliata Lam.~~

23.138 Cucurbitaceae? dead dicot Sept 29 1924

23.139 Sedum ~~obtusatum~~ oregana (nutt) Rr. (1)
(seed)

23.140 Cephalocereus ~~tuberculatus~~ collinsii (1)
(seed)

23.141 Leptocereus leoni B+R. (1)
(seed)

23.142 Tillandsia Bromeliad. (1)

23.143 Coryphantha connivens B+R. (1)

San Jeronimo, Oaxaca
Mexico, ~~Yucatan, Zacatapan, Huastuca~~ y 16. 1923.
C.A. Purpus.

6(?)

5

6

7

8

California, Alhambra June 25 1923
E.C. Rost.

Tapia River, Panama (No herb. spec. made by W. Rsm.)
W.R. Maxon 6683 6/1/23

Zacuapam, Ve. Mex.
C.A. Purpus (# 4)

Veracruz
Ramon Tadero (sent by Purpus) 5/23/23

BC, Agassiz
J.C.V. Piper thru C.F. Newcombe 7/9/23

Mexico, Tehuantepec
C.A. Purpus 1923

Cuba, Top of Loma de Somorostro Yamaica (Havana)
Leon & Roig. # 11446. 6/2/23

Mexico, Barranca, Hwy Guadalajara, Jal. 1980 m.
Reko #4712

Mexico, ? May 1923
Groeschner # 4705 (Reko)

23·144 Mammillaria magnimamma (1)

23·145 Mammillaria auricepa (1)

23·146 Mammillaria scrippsiana B&R (1)

23·147 Mammillaria jaliscana B&R (1)

23·158 Ferocactus ~~Echinocereus~~ (1)

23·159 Lemaireocereus thurberi (1)

23·160 Nyctocereus serpentinus (1)

23·161 Deamia testudo B&R (1)

23·162 Selenicereus (1)

23·163 Aporocactus (1)

23·164 Acanthocereus (1)

23·165 Hylocereus undatus (1)

23·166 Hylocereus purpusii "Pitajaya" (1)

23·167 Acanthocereus (1)

23·168 Cactus oaxacensis (1)

23·169 Mammillaria esseriana Böd spny (1)

Numbers missing in gh book

Mex 23·148

? 23·149

Me 23·150

Mex 23·151

Me 23·152

23·153 Pachycereus gaumeri

Me 23·154

Me 23·155

Me 23·156

Mex 23·157

Mex

Mex

Mexi

Mexi

Mexi

Germany, (Central America) Coln am Rhein
Boedeker.

23.144	Mammillaria magnimamma	(1)
23.145	Mammillaria auricepa	(1)
23.146	Mammillaria scrrppsiana B+R	(1)
23.147	Mammillaria jaliscana B+R	(1)
23.158	Ferocactus Echinocereus	(1)
23.159	Lemaireocereus beleanii	(1)
23.160	Nyctocereus serpentinus	(1)
23.161	Deamia testudo B+R	(1)
23.162	Selenicereus	(1)
23.163	Aporocactus	(1)
23.164	Acanthocereus	(1)
23.165	Hylocereus undatus	(1)
23.166	Hylocereus purpusii "Ritajaya"	(1)
23.167	Acanthocereus	(1)
23.168	Cactus oaxacensis	(1)
23.169	Mammillaria esseriana Böd spny	(1)

Mexico; Valle de Mexico — may 1923
Groeschner # 4699 (Reko)

? — may 1923
Groeschner # 4704 (Reko)

Mexico; Barranca Hacia, Jal. — may 1923
Reko # 4707.

Mexico; Barranca Hacia, Guadalajara
Reko # 4707

Mexico ? local — may 1923
Groeschner # 4706 (Reko)

Mexico, Ejutla, Oax. — 1922
Reko 4716

Mexico, Jalisco (cult) — may 1923
Reko 4700

Mexico, Loma Bonito, Oax. — Apr 1923
Reko 4697

Mexico, Sta Lucrecia Ver. — Apr 1923
Reko 4696

Mexico, Sta Lucrecia Ver. — may 1923
Reko 4711

Mexico, Tuxtepec, Oax — Apr 1923
Reko 4701

Mexico, Cuernava? Morel? — Apr 1923
Reko 4715

Mexico, Zapula Jal. — May 1923
Reko 4702

Mexico, Tuctepec, Oax. — May 1923
Reko 4714

Mexico, Tehantepec
Reko

Germany, (Central America) Cölln am Rhein
Boedeker

23-170	Mammillaria gracilis Pfe.	(1)
23-171	Mammillaria multihamata Böd	(1)
23-172	Mammillaria gracilis robustior	(1)
23-173	Mammillaria subtilis Böd sp nov.	(1)
23-174	Mammillaria sphaerica Dietr.	(1)
23-175	Echinocactus foossensianus Böd	(1)
23-176	Dudleya rusbyi	(1)
23-177	Lemaireocereus	(2)
23-178	Opuntia	(1)
23-179	Opuntia	(1)
23-180	Opuntia	(1)
23-181	Jatropha	(2)
23-182	Opuntia polycantha Haw.	(1)
23-183	Aloe vera L.	(1)
23-184	Ormosia (Seed)	(1)
23-185	Rhipsalis mazonii	(3)

Germany, Cologne on Rhein
Boedeker
"
"
"
" (Mexico)
"
"
"
"

Arizona
Mrs. Mary Wright % Geo William Bassett June 13,
Texas, near Brownsville
Robert Runyon.
Georgia, % Prof Ed.
W.R. Mc. Atee. June 23 1923
"
" June 24, 1923
" , Pattern Hammock
"
Mexico, 50 mi W. of Matamoros July 17, 1923
Robert Runyon
Wyoming, near Thermopolis July 14, 1923
Dana Lee #1.
Guatemala City
" % J. Salas
"
Nicaragua, Mombacho volcano.
W.R. Maxon 7755

23.186	Opuntia polyacantha	(1)	Montana, Warren, Rocky Soil — July 29, 1923 Dana Lee #2
23.187	Epiphyllum	(1)	Costa Rica W R Maxon 8278
23.188	Lemaireocereum aragonii	(1)	" " 7858
23.188a	" " (seed)	(1)	" " 7858 #4
23.189	Hylocereus	(1)	Nicaragua " 7168
23.190	"	(2)	" " 7199
23.191	Opuntia polycantha	(2)	Montana Sandy soil near Billings. — Aug 1, 1923 Dana Lee #3.
23.192	Pediocactus simpsonii	(1)	Utah. Salina C D Marsh.
23.193	Opuntia polyacantha	(2)	Montana. Roundup (Rocky Soil) — Aug 5, 1923. Dana Lee. #4
23.194	Opuntia polyacantha	(1)	" 10 mi n of Roundup, Devil's Basin — Aug 7, 1923 " #5
23.195	Coryphantha vivipara	(2)	" " #5a
23.196	Opuntia polyacantha.	(1)	" Gardiner — Aug 10, 1923 " #6
23.197	Opuntia	(1)	Utah: Burbee Marcus E Jones #1 — June 29, 1923
23.198	Opuntia	(2)	" Cyan Canyon. " #2
23.199	Pediocactus simpsonii	(2)	" " #4
23.200	Opuntia	(2)	" " #3

23·201 Opuntia polyacantha	(3)	Wyoming, Circle (Ruby road) Dana Lee #7	Aug 15, 1923
23·202 Sedum = Gormannia oregana Britt	(2)	B. Columbia, Victoria C.F. Newcombe.	Aug 14, 1923.
23·203 Lemaireocereus eburneus	(1)	N. Mexico A.V. Fric	Aug 8, 1923
23·204 Cephalocereus palmeri B+R.	(1)	"	
23·205 Ancistrocactus megarhiza	(5)	"	
23·205a " " (2)	(2)	"	
23·206 Echinocereus reichenbachii	(3)	"	
23·207 Astrophytum asterias	(5)	"	
23·208 Neomammillaria hemisphaerica B+R	(3),	"	
23·209 Echinofossulocactus	(1),	"	
23·210 Echinocereus	(1)	"	
23·211 Rhipsalis cassutha BACCIFERA	(1)	Florida Wallenstein hammock W. of Kendal. C.A. Mosier. (wypsg)	Aug 5, 1923
23·212 Pediocactus simpsonii	(4)	Wyoming, 15 mi. S. of Laramine Dana Lee 9	Aug 24, 1923
23·213 Coryantha vivipara	(2)	Wyoming. Douglas Dana Lee 8.	Aug 19, 1923
23·214 Pediocactus simpsonii	(1)	" 8a	
23·215 Ipomoea ?	(1)	Dominican Rep: Dr. W.L. Abbott 2404	May 5, 1922

Seed

23.216 Cassia grandis

23.217 Tournaisia oregana (rid)

23.218 Sedum divergens

23.219 Mesembryanthemum crystallinum

23.220 Cephalocereus barbachii nsp.

23.221 Hylocereus undatus (Haw.) B&R.

23.222 Opuntia dillenii Haw.

23.223 Manfreda tigrida

23.224. Escobaria tuberculata (see 23.205) +2

23.225 Opuntia leptocaulis

23.226 "

23.227 Echinocactus horizontalonius

23.228 Coryphantha macromeris

23.229 Echinocereus dasyacanthus

23.230 Mammillaria arizonica

Dominican Republic, San Francisco de Macoris
W.L. Abbott #2209

Agassiz, Lower Fraser river, B.C. 8/9/22
W. B. Anderson

Stuart's Lake, B.C.

Scarborough, Maine
A. H. Norton 9/15/23

San Salvador I.o., Bahamas
Paul Barbach. 1921

Georgia: Lookout Mt. above Menlo. 9/26/23

Carlsbad, N. Mex.; 9/29/23
W. S. Lee

Mt. Graham, Ariz. C.R. Orcutt
also found at 4700 ft.

23.231 Lilac. or Syringchid.

23.232 Salvia lindeni Bth

23.233 Verbena elegans

23.234 Sedum moranense

23.235 " diversifolium

23.236 " arinum

23.237 Echeveria

23.238 Sedum frutescens

23.239 Peperomia umbilicata

23.240 Sedum Boeticum Gawl.

23.241 Crassula indica

23.242 "

23.243 Sedum oxypetalum

23.244 " diversifolium

23.245 "

Eymoutiers, Haute-Vienne, France
G. Thomas-Duris

(South Africa)

Lake Tahoe, Calif., Kessler
(Davidson 3580) Sept. '23.

23.246	Echinocereus reichenbachii	Uvalde, Texas Oct. '23 J. C. Hamlin
23.247	Neolloydia Coryphantha echinus →	San Pedro, Coahuila, Mex. A. F. Moeller Sept 23
23.248.	Echinocereus delaetii Gürke	
23.249	(Cactus) (1)	Ecuador, Quito Oct 15, 1923 Chapman % Anchary % Söderstrom
23.250	Seed Epiphyllum crenatum (2)	Ill. Chicago cult. (Flower red) Richard Hirschel #1 Oct. 15, 1923
23.251	Selenicereus macdonaldiae (1)	" " #2
23.252	Selenicereus (1)	" " #3
23.253	Opuntia boscliensis (1)	" " #4
23.254	Opuntia (1)	" " #5
23.255	Opuntia (See 23.224)	New Mexico. Carlsbad. W.S. Lee
23.256	Echeveria whitii	Brooklyn Bot. Gard. Oct 18, 1923. Mr Free (Hort) thru Mr. White.
23.257	Neomammillaria (1) (spines straight)	Mexico Fric
23.258	Neomammillaria (spines hooked)	"
23.259	Coryphantha scheerii (large seed)	"
23.260	Coryphantha heyei (small seed)	"
23.261	Echinocereus (1)	"
		Mexico, Queretaro, Tepic. Oct 31, 1923 Rebo # 4813.

23.262	Neomammillaria occidentalis B&R	(2)	Mexico - Manzanillo, Col. Oct 31, 1923. Reko # 4810.
23.263	Epiphyllum (Cult.)	1)	" San Antonio Reko # 4811
23.264	Cactus oaxacensis B&R.	1)	Mexico, Monserrata (mountains) Ca. Purpus #15
23.265	Hylocereus undatus B&R	1)	" (thus & rock)
23.266	Selenicereus	(2)	" no #. (on rocks)
23.267	Aphalocereus collinsii B&R.	(2)	" # 18
23.268	Epiphyllum stenopetalum	(2)	" Oaxaco
23.269	Acanthocereus pentagonus	(1)	" # 22.
23.270	Aphalocereus	(4)	" Monserrata (on cactus; damp forests)
23.271	Hylocereus guatemalensis ?	(3)	" # 21 (ramis)
23.272	Rhipsalis tucumanensis	1	" # 17 (ramis)
23.273	Rhipsalis tucumanensis ?	1	" # 16
23.274	Opuntia pascoensis B&R ?	1	San Salvador (Wild plant), Salvador Calderon # 1820.
23.275	Opuntia pascoensis B&R	1	Eastern Peru Blues # 1332 thru Herrera of Cusco.
23.276	Opuntia grown from seed	1	" # 1333 "
23.277	Neomammillaria mammillaris.		" # 1331 "
			" # 1330 "
			Illinois, Chicago Richard Rauschell
			Venezuela, Caracas Oct 22, 1923. H.P. Pittier

23278	Bryophyllum Kalanchoe	//	Colombia El Colegio, Dept of Cundinamarca	July 1922
			Bro. Ariste Yoseph	
23·279	Dibrevillea lindheimeri (seed)	//	Texas, Brownsville	1922
			Robert Runyon	
23·280	Wilcoxia	//	Mexico, Sonora	
			D.T. MacDougal & F. Shreve.	Mar 20, 23
23·281	Opuntia Kunzei Rose	//	" Pass in hills 10 mi SW of Pozo Verruga (Proambulo seminudi)	
			"	May 22, 23
23·282	Opuntia	//	" (Cher. & pozo armatus) near San Rafael Rancho	
			"	Nov. 22, 23
23·283	Opuntia	//	" (Cher. & yellowish spines)	
			"	Nov. 19, 23
23·284	Echinocereus fendleri	//	" Pozo Cerca	
			"	
23·285	Echinocereus scopulorum BRTT	//	" On Limestone near Timaja 17 mi W of Pozo Cerca	
			"	Nov. 21, 23
23·286	Neomammillaria	//	" Limestone hills between Alten & Oquitoa	
			"	Nov. 21, 23.
23·287	Neomammillaria	//	" (no tag)	
			"	
23·288	Coryphantha recta	//	Mexico	
			A.V. Fric.	
23·289	Coryphantha	//	"	
			"	
23·290	Coryphantha altamiranoi Rose	//	"	
			"	
23·291	Coryphantha connivens	//	"	
			"	
23·292	Coryphantha salisii mrs	//	"	
			"	
23·293	Coryphantha radians	//	"	
			"	

23.294	Coryphantha	(1)	Mexico
23.295	Coryphantha	(1)	A.V. Frič.
23.296	Coryphantha	(1)	"
23.297	Coryphantha	(1)	"
23.298	Coryphantha	(1)	"
23.299	Escobaria	(1)	"
23.300	Escobaria	(1)	"
23.301	Thelocactus bicolor	(1)	"
23.302	Thelocactus pottsii	(1)	"
23.303	Thelocactus	(1)	"
23.304	Thelocactus	(1)	"
23.305	Neomammillaria dacynems Arnold Arb. 25/1925 3/20/29 (5)	(1)	"
23.306	Strombocactus	(1)	"
23.307	Neolloydia	(1)	"
23.308	Neomammillaria eschauzieri	(1)	"
23.309	Neomammillaria camptotricha	(1)	"

23·310	Pelecyphora	(1)	Mexico
23·311	Telocactus	(1)	"
23·312	Tilocactus	(1)	"
23·313	Tilocactus	(1)	"
23·314	Ariocarpus furfuraceus	(1)	"
23·315	Ancistrocactus megarhizus Boed	(1)	"
23·316	Obregonia	(1)	"
23·317	Echinocactus	(1)	"
23·318	Ariocarpus trigonus	(1)	"
23·319	Echinomastus macdowellii	(1)	"
23·320	Echinocactus (seed)	(1)	"
23·321	Tillandsia	(1)	"
23·322	Hymenocallis.	(2)	Florida, Lager Head Key Dr. Bartsch
23·323	Agave		"
23·324	Yucca		"
23·325	Agave	(2)	"

1924

24.1 Opuntia arenaria (1)

24.2 Echinocereus dasyacantha (2)

24.3 Neomammillaria (1)

24.4 Solisia (1)

24.5 Escobaria argentia (1)

24.6 Lophophora (1)

24.7 Neomammillaria denuda (1)

24.8 Astrophytum senilis (1)

24.9 Escobaria (1)

24.10 Epithelantha micromeris (2)

24.11 Escobaria (1)

24.12 Echinocactus longispinus (1)

24.13 Echinocactus unguispinus (1)

24.14 Echinomastus (1)

24.15 Gymnocladus (1)

and

Texas. El Paso (Mexican side)
Claire McElroy Slater.

Texas, El Paso
Chas. Hammond

Mexico
A.V. Fric

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Texas, El Paso
H.V. Fric (no 24-284)

DC, Smithsonian Grounds
A. Gypsophila

Jan. 26. 1924.

24-16	Opuntia arenaria	2
24-17	Opuntia arenaria	2
24-18	Echinocereus rigidissimus Rose.	3
24-19	Neobesseya missouriensis (Sweet) B&R.	3
24-20	Neomammillaria microcarpa	1
24-21	Echinocereus rigidissimus Rose	3
24-22	Opuntia pentlandii Salm Dyck	3
24-23	Cassia lanigata Willd (seed).	
24-24	Echinocereus delaetii	2
24-25	Leuchtenbergia principes	1
24-26	Ferocactus wislizeni (seed)	2
24-27	Opuntia (seed)	2
24-28	Opuntia fulgida (seed)	2
24-29	Neomammillaria microcarpa	1
24-30	Echinomastus intertextus	4
24-31	Echinocereus chloranthus	

Texas, El Paso T. Hammond	Jan 24
Mexico "	
New Mexico Ancenas Mt. Grant Co. Susan Patterson	
North Dakota, Bad lands, Medora CR Ball 2151	Coll. July 25, 1923 plant Feb 7 1924
Texas, El Paso Chas Hammond	Feb 4, 1924
Arizona. Santa Rita Mts. Edwin B. Bartram	Feb 11 1924
Bolivia Yungas A.C. Hitchcock	Jan 1924
Porto Rico N.L. Britton + E.G. Britton 7256	Feb 1923
Mexico (northern) San Pedro Arthur H. Moeller	Feb 18.
" "	
Arizona, Tucson. Edwin B. Bartram.	
" "	Feb 28
" "	
Texas, Alpine Jas H. Ferriss. 401 a.	
" " 401 B. " " 401 C.	

24.32	Echinocactus	1	Texas, alpine Jas H Ferriss 401 d.
24.33	Neomammillaria denudata	1	Texas, Sierra Blanca — march 8, 1924 Vernon Bailey.
24.34	Escobaria tuberculata	2	"
			"
24.35	Echinocereus dasyacanthus	3	"
			"
24.36	Samuela faxoniana (seed)	1	"
			"
24.37	Chamaecereus inaequilatera (seed)	1	Guiana, Gleason.
24.38	Echinocereus	1	Texas, alpine — march 13 James H. Ferris. 402 a
24.39	Echinocereus	2	"
			" 402 B
24.40	Coryphantha macromeris	1	"
			" 402 C.
24.41	Neomammillaria dendra	3	"
			" 402 d.
24.42	Escobaria tuberculosa	1	"
			" 402 e.
24.43	Echinocereus dasyacantha	3	"
			" 402 F.
24.44	Echinocereus dasyacantha	2	"
			" 402 g.
24.45	Opuntia leptocaulis DC	1	"
			" 402 H
24.46	Opuntia grahamii	1	"
			"
24.47	Opuntia	1	" "

24.48	Homalocephalus texensis	1	Texas, Riogrande J.H. Fenniss 403.
24.49	Neomammillaria pottsii	2	"
			" 403 a
24.50	Coryphantha macromeris	1	"
			" 403 c
24.51	Ariocarpus furfuraceus	2	"
			" 403 b
24.52	Echinocereus dasyacantha	1	"
			"
24.53	Echinomastus fennsii Rose n.f.	3	"
			Small hills on flat Texas 10 miles W of S of Terlingua
24.54	Escobaria	1	"
			"
24.55	Hetchia texensis Watsm.	1	"
			" 403 e.
24.56	Ferocactus uncinatus BR	1	"
			"
24.57	Selaginella	1	"
			" 403 D
24.58	Echinocereus	3	Texas J.A. Fenniss
24.59	Echinocereus viridiflorus	4	"
			"
24.60	Opuntia	1	"
			"
24.61	Opuntia	1	"
			"
24.62	Coryphantha runyonii	2	St. Thomas, Louisenhof. Fairchild
24.63	Agave rigida - variegata		"
			"

24.64 (1) Texas.

(fem) Y.A. Fennis

24.65 Escobaria (2) " "

" " 406.

24.66 Epithelantha micromeris (3) " "

" " 407 a

24.67 Neomammillaria dendata (2) " "

" " with 407 a

24.68 Escobaria tuberculata (1) " "

" " 407 b.

24.69 Echinocereus dasyacanthus (4) " "

" " 407 d.

24.70 Coryphantha neomexicana (Engl) B.&R. (1) " "

" " 407 F1

24.71 Coryphantha macromeris (3) " "

" " with 407 F.

24.72 Echinocereus dasyacanthus (6) " "

" " 407 g.

24.73 Echinocereus lloydii (1) " "

" " 407 H

24.74 Coryphantha echinus (Engelm) B.&R. (1) " "

" " 406 C

24.75 Coryphantha pectinata B.&R. (6) " "

" " with 406 C.

24.76 Dudleya collomiae (1) Arizona, Payson

Mrs. W.B. Collom.

24.77 Gurronia bradtiana (Coult) B.&R. (1) Mexico, S. Pedro March 14.

A.F. Moeller #1

24.78 Echinocereus (1) " , Durango

" #2

" (Durango?)

" #3

24.79 Neomammillaria moelleriana

Same as 25.145.

24.80	Echinofossulocactus multicostatus.	(1)
24.81	Thelocactus Seed — 3-27 —	(1)
24.82	Echinocactus horizontalonius	(1)
24.83	Neomammillaria candida	(1)
24.84	Neomammillaria lenta	(1)
24.85	Ariocarpus kotschubeyanus	(1)
24.86	Leuchtenbergia	(1)
24.87	Epithelantha micromeris	(1)
24.88	Echinocactus palmeri (seed)	(1)
24.89	Ariocarpus lloydii (seed).	(1)
24.90	Harrisia fragrans a simpsonii (seed)	(1)
24.91	Cephalocereus nobilis	(5)
24.92	Echinocereus	(1)
24.93	Echinocereus	(1)
24.94	Echinocereus	(1)
24.95	Mamillopsis	(1)

Mexico, Durango.
A.F. Moeller # 4
" " #5
" " #6
" Coahuila " #7
" " #8
" El Pedro " C
" " B
" " a
" (northern) " -
" " -

Florida, Sarasota Key
F. V. Coville #24

Porto Rico, San Juan
O.W. Barret

Mexico, Durango Mar. 18
J.G. Ortega #1
" " #2
" " #3
" " #4

24.96	Ferocactus	(1)	Mexico, Durango.
24.97	Agave	(1)	J.G. Ortega # s.
24.98	Thelocactus bicolor	(5)	" # 6
24.99	Neomammillaria	(1)	Texas.
24.100	Escobaria	(1)	J.B. Ferriss # 409 a.
24.101	Ferocactus macdata B&R	(1)	" # 409
24.102	Escobaria	(1)	" # 409 c
24.103	Epithelantha	(2)	" —
24.104	Escobaria	(3)	" # 408 B
	dad 1922		" —
24.105	Neomammillaria denudata	(3)	" —
24.106	Neolloydia texensis	(5)	" # 410 a
24.107	Escobaria	(3)	" # 410
24.108	Escobaria	(1)	" # a
24.109	Escobaria	(1)	" # B
24.110	Escobaria	(1)	" # C
24.111	Coryphantha	(2)	" 411

24.112 Echinocereus (1)

24.113 Coryphantha pectinata (5)

24.114 Coryphantha echinus (5)

24.115 Neobesseya missouriensis (2)

24.116 Neomammillaria wilcoxii (1)

24.117 Coryphantha (1)

24.118 Coryphantha (1)

24.119 Coryphantha (1)

24.120 Coryphantha (1)

24.121 Opuntia (2)

24.122 Opuntia (1)

24.123 Opuntia (2)

24.124 Echinocactus horizontalonius (1)

24.125 Echinocereus reichenbachii (1)

24.126 Opuntia (1)

24.127 Opuntia (1)

Texas
y-H. Ferris # 414 B.
" "
" "
" "
North Dakota, Hamilton
Glenn Berner
Arizona
Orcutt 1924 : 203
" "
" 1924 : 204
" "
" 1924 : 205
" "
" 1924 : 206
" "
" 1924 : 207
Texas
yH. Ferris # 416
" "
" # 417
" "
" # 417a
" "
" # 417b
" "
" # 417c
" "
" # 418
" "
" # 419

24.128 Opuntia	(1)	Texas
		J. H. Ferris # 419 a
24.129 Neomammillaria	(1)	" " # 419 b
24.130 Homalocephalus texensis	(2)	" " # 419 c
24.131 Pelleaea flexuosa	(1)	" " " -
24.132 Cheilanthes horridula	(1)	" " " -
24.133 Notholaena schaffneri	(1)	" " " -
24.134 Dudleya	(1)	Arizona, Paysons
		Mrs. W.S. Callom
24.135 Dudleya	(1)	California, Fish Canyon, San Gabriel Mts
		A. Davidson # 3578
24.136 Dudleya	(1)	" Ventura Co.
		" # 3590
24.137 Opuntia triacantha	(2)	St. Kitts: mar 30
		G. Miller
24.138 Cephalocereus rogersii	(2)	"
		"
24.139 Opuntia dillenii	(1)	"
		"
24.140 Cephalocereus rogersii	(1)	Antigua, Mercle
		"
24.141 Nopalea cochenillifera	(1)	"
		"
24.142 Selenicereus spinulosus	(2)	Mexico, Monterrey
		J.B. Mac Millan
24.143 Euphorbia antiquorum L.	(2)	St Thomas
		Fairchild

24·144	Selenicereus grandiflorus	(1)	Bermuda
24·145	Opuntia repens	(1)	St Thomas
24·146	Escobaria tuberculata	(1)	New Mexico, Carlsbad Caves
24·147	Echinocactus horizontalonius	(1)	D-W. Lee. #6
24·148	Escobaria tuberculata	(1)	" #7
24·149	Echinocereus dasyacanthus	(1)	" #8
24·150	Ferocactus uncinatus	(1)	" #9
24·151	Coryphantha neomexicana	(1)	" #10
24·152	Neomammillaria lydiae	(2)	" #11
24·153	Ferocactus hamatacanthus	(3)	Texas
24·154	Ariocarpus furfuraceus	(3)	James H. Ferriss 425
24·155	Echinocereus	(2)	" —
24·156	Coryphantha echinus	(4)	" —
24·157	Mammillaria pusilla texana	(3)	" 421
24·158	Echinocereus dasyacanthus	(1)	" —
24·159	Opuntia greggii	(1)	" 420
			" 422
			" —

24.160	Ferocactus uncinatus	(1)	Texas
			y H. Ferris —
24.161	Echinocereus	(1)	"
			" 423
24.162	Homalocephala texensis	(1)	"
			" —
24.163	Escobaria	(1)	New Mexico
			Orcutt
24.164	Coryphantha	(1)	Texas. El Paso
			"
24.165	Coryphantha neomexicana	(1)	"
			"
24.166	Neomammillaria denuda	(1)	"
			"
24.167	Echinomastus intertextus	(1)	"
			"
24.168	Opuntia kunzei	(2)	Arizona, Tucson
			F Shreve
24.169	Cereus validus	(1)	France, nrce cpm4.
			S.P.I. 58944
		(and)	a Robertson - Proschowsky & cc Thomas usap.
24.170	Selenicereus spinulosus	(1)	Mexico
			Lloyds ("Medicine Cactus")
24.171	Echinocereus	(1)	Texas, High Bridge, Pecos River
			y H. Ferris 426 D
24.172	Ancistrocactus brevihamatus	(4)	—
			" 426 + 426 C
24.173	Coryphantha echinus	(3)	"
			" 426 a
24.174	Ariocarpus furfuraceus	(3)	"
			" —
24.175	Neomammillaria glomerata	(1)	"
			" —

24·176 Escobaria "

24·177 Sedum "

24·178 Euphorbia antisyphilitica Zucc "

24·179 Dudleya callomae sp. "

24·180 Opuntia santa-rita "

24·181 Opuntia bigelovii "

24·182 Neomammillaria macdougalii "

24·183 Ferocactus latispinus (Haw) B&R "

24·184 Thelocactus nidulans B&R "

24·185 Ariocarpus retusus "

24·186 Echinomastus durangensis B&R "

24·187 Neomammillaria "

24·188 Neomammillaria compressa "

24·189 Echinocactus palmeri Rose "

24·190 Echinocactus palmeri Rose "

24·191 Neomammillaria chinocephala (Pfeiffer) B&R "

Texas: High Bridge, Pecos River.
" Y-H Ferris. -
" " -
" " -
" " -

Arizona, Payson Apr 21
Rose C Collom.
" , Tucson Apr 24
Faust Shreve.
" "
" "
" "

Mexico, San Pedro, Coah. Apr 24.
Arturo F. Mueller #1
" #2
" #3
" #4
" #5
" #6
" #7
" #8
" #9

24 · 192	Cachyceresus marginatus	Mexico, San Pedro, Coah.
24 · 193	Cereus	Arturo F. Moeller # 10
24 · 194	Echinocereus	"
24 · 195	Nyctocereus	" # 11
24 · 196	Thelocactus fossulatus B&R.	"
24 · 197	Echinocereus	" # 12
24 · 198	Coryphantha	"
24 · 199	Echinocereus	" # 13
24 · 200	Echinocereus	"
24 · 201	Echinofossulocactus	" # 14
24 · 202	Echinofossulocactus	"
24 · 203	Echinocereus	" # 15
24 · 204	Coryphantha	"
24 · 205	Coryphantha	" # 16
24 · 206	Hamatocactus setispinus	"
24 · 207	Echinocereus	" # 17
		"
		" # 18
		"
		" # 19
		"
		" # 20
		"
		" # 21
		"
		" # 22
		"
		" # 23
		Texas, Banks of Nueces near Laguna
		Y A Ferris 431
		"
		" 431 B.

24.208	Coryphantha sulcatus	Texas. Banks of Nueces near Laguna.
		W.H. Ferris # 431C.
24.209	Echinocereus viridiflorus	Texas, 14 mi n. of El Paso.
		(Chas. Hammond) Orcutt 1924: 276
24.210	Neomammillaria denudatus	" "
		Orcutt 1924: 272
24.211	Opuntia engelmannii	"
		" 1924: 275
24.212	Escobaria dasyacantha	" , Del Rio
		W.H. Ferris 426
24.213	Hamatocactus setispinus	"
		" 427
24.214	Opuntia opuntia	Maryland, Leonardtown
		A.C. Brooks
24.215	Neeria elegans	Mexico in 1899
		W.M. Rose (Cuttings from NYBG)
24.216	Echinocactus ferocii	Texas, Box Canyon below Sierra Blanca on mountain
		Susan Pattison.
24.217	Coryphantha deserti	California, Cottonwood Springs
		B.H. Everman
24.218	Hylocereus undatus	Mexico, Xicotencatl May 8, 1924
		W.L. Lloyd.
24.219	Echinocereus roetteri	Texas, El Paso
		Orcutt
24.220	Coryphantha scheeri	"
		"
24.221	Echinocereus viridiflorus	"
		Hammond
24.222	Echinocereus chloranthus	"
		"
24.223	Cereus grenadensis	Grenada
		J. Miller. #1

24.224	Cereus hexagonus ✓	(1)	Grenada
24.225	Cephalocereus ✓	(1)	" Hills # 2
	Seed	(1)	" " # 3
24.226	Cephalocereus ✓	(1)	" " # 4
24.227	Acanthocereus	(1)	" " # 5
24.228	Selenicereus	(1)	" " # 6
24.229	Hylocereus	(1)	" " # 7
24.230	Opuntia dillenii	(1)	" " # 9
24.231	Opuntia	(1)	" " # 10
24.232	Nopalea	(1)	" " # 8
24.233	Hylocereus	(1)	Barbados Feb. 24/1924
24.234	Opuntia dillenii	(1)	" —
24.235	Nopalea cochinillifera	(1)	" "
24.236	Cephalocereus barbadensis	(1)	" " Feb 24.1924
24.237	Cactus	(1)	St Kits near Basse Terre.
24.238	Echinocactus denudatus arnitzii	(1)	" Germany, Köln. Fr. Bödeker.
24.239	Echinocactus denudatus arnitzii	(1)	"

24.240	Mammillaria dyckeiana	"
24.241	Mammillaria calochlora	"
24.242	Mammillaria lasciniiceri	"
24.243	Mammillaria praelii	"
24.244	Mammillaria fuhrbeana	"
24.245	Mammillaria caput-medusae	"
24.246	Mammillaria fertilis	"
24.247	Mammillaria verhaertiana (Seed	"
24.248	Ferocactus latispina	"
24.249	Echinofossulocactus	"
24.250	Thelocactus	"
24.251	Thelocactus lophothele.	"
24.252	Neolloydia	"
24.253	Thelocactus	"
24.254	Ancistrocactus scheeri	"
24.255	Normammillaria chiococephala	"

Germany Köln
Bödeker.

"
"
"
"
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"
"

Mexico, San Pedro, Coah. May 21
Altuno F. Moeller. #1.

"
" #2
"
" #3
"
" #4
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" #5
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" #6
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" #7
"
" #8

24·256	Neomammillaria chionocephala	(1)	Mexico, San Pedro, Coah. May 21 Arturo T. Miller # 9
24·257	Thelocactus heterochromus	(1)	"
24·258	Coryphantha radians	(1)	" # 10
24·259	Ariocarpus Roseocactus lloydii	(1)	" # 11
24·260	Echinomastus angusispinus	½	"
24·261	Coryphantha neomexicana	(2)	" –
24·262	Neomammillaria denudata	(2)	" –
24·263	Opuntia	(1)	Texas: El Paso May 30 Charles Hammond
24·264	Sclerocactus whipplei (Engln & Brgd) B&R	(1)	"
24·265	Echinocereus	(1)	"
24·266	Zygocactus truncatus coccineus	(1)	Utah, Provo May 9. J. Hopkins
24·267	Echeveria runyonii nsp.	(2)	"
24·268	Opuntia	(2)	"
24·269	Opuntia	(1)	"
24·270	Opuntia	(1)	New York. Highland Pk. Conservatory, Rochester Wm. L. G. Edson
24·271	Opuntia	(1)	Texas, Brownsville Robert Runyon
			Mexico, La Cruz May 24 1934 J. G. Ortega # 5228
			# 5229
			# 5230
			# 5201

24.272	Rathbunia	(1)	Mexico; La Cruz. May 24.
24.273	Rathbunia	(2)	J.G. Ortega # 5232
24.274	Acanthocereus occidentalis	(1)	# 5233
24.275	Opuntia oligacantha	(1)	# 5234
24.276	Pereskopsis	(1)	# 5235
24.277	Mammillaria mazatlanensis	(1)	# 5236
24.278	Mammillaria mazatlanensis	(1)	# 5237
24.279	Echinocactus	(1)	# 5238
24.280	Napalea	(2)	Sianori # 5239
24.281	Pereskopsis	(1)	La Cruz. # 5240
24.282	Neomammillaria	(1)	# 5241
24.283	Coryphantha	(1)	New Mexico, Carlsbad. W.T. Lee
24.284	Neomammillaria nivosa	(1)	California, Chuckawalla, chocolate mts June 2. E.C. Root.
24.285	Agave	(2)	St. Thomas. June 11. A.S. Fairchild
24.286	Sclerocactus whipplei	(1)	
24.287	Coryphantha	(1)	Utah, Price Joseph D. Hopkins June 11
			Arizona, Tucson J.J. Thornber

24.288 Selenicereus	(1)	Florida	June 16,
		Lloyd brothers #1 & #5 Cincinnati Ohio	
24.289 Epithelantha micromeris	(1)	Mexico, Monterey	June 13
		A.F. Moeller # 25	
24.290 Neomammillaria	(1)	Mexico, San Luis Potosi	
		" # 26	
24.291 Coryphantha cornigera	(1)	" Zacatecas	
		" # 24	
24.292 Ariocarpus fotschoubeyanus (Seed)	(1)	"	
		"	
24.293 Maraldenia edulis S. Watz. (Seed)	(1)	Mexico	
		Macdougal	
24.294 Selenicereus spinulosus	(1)	Mexico, Xicotencatl.	June 18.
		% Lloyd Brothers.	
24.295 Sclumbergera truncatus	(1)	Kentucky	June May
		R. Ramyon	
24.296 Ferrocactus johnsonii B.&R.	(1)	Arizona, Kingman	
		Mrs Chas. Bly	
24.297 Opuntia erinacea Engelm.	(1)	"	
		"	
24.298 Neomammillaria milleri	(1)	Arizona, Sacaton	
		A.R. Leding	
24.299 Ferocactus lecontei	(1)	"	
		"	
24.300 Hylocereus undatus		- (data lost)	1924
		Green House Dept Agri.	
24.301 Selenicereus spinulosus	3	Mexico. Monterey.	
		YB Macmillan	
24.302 Opuntia pascoensis B&R	1	Peru, Cuzco	
		Fortunato L. Herrera #1	May 19, 1924
24.303 Cereus (Yellow spine)	1	" # 2	

24·304 Cereus (2)

Red spine

24·305 Erdisia squarrosa B&R. (1)

24·306 Erdisia squarrosa B&R. (1)

(very spiny)

24·307 Opuntia (1)

(narrow)

24·308 Opuntia (1)

(broad)

24·309 Opuntia floccosa (1)

24·310 Trichocereus cuzcoensis (2)

24·311 Lobivia corbula (Berena) B&R. (2)

24·312 Opuntia (1)

24·313 (Scotch Broom) (1)

24·314 Opuntia (1)

24·315 Neomammillaria denudata (1)

24·316 Opuntia grahamii (1)

24·317 Echinocereus dasyacanthus (2)

24·318 Cereus (1)

24·319 Echinomastus intertextus (1)

Peru, Cuzco May 19

Fortunato F. L. Herrera # 2

" " # 3

" " # 3a

" " # 4

" " —

" " # 5a

" " # 7

" " —

Virginia, Lynchburg June 27.

Percy R. Monroe

"

"

N. Jersey, Millville, Cumberland Co.

A. Y. Poole.

Texas

Orcutt # 24·493

" Sierra Blanca

" 24·497

" —

" 24·502

" Shafter

" —

24·504

24·320 Opuntia vulgaris (cult)

24·321 Opuntia
Crymsin lake flowers Rare.

24·322 Coryphantha

24·323 Selenicereus spinulosus

24·324 Selenicereus spinulosus

24·325 Coryphantha elephantidens (Seed)

24·326 Coryphantha recta (Seed)

24·327 Mamillaria barwinskiana (Seed)

24·328 Ferocactus nobilis (Seed)

24·329 Ferocactus covillei (Seed)

24·330 Ferocactus flavovirens (Seed)

24·331 Coryphantha convifera (Seed)

24·332 Mammillaria elongata (Seed)

24·333 Coryphantha echinus (Seed)

24·334 Echinocactus latispinus (Seed)

24·335 Mammillaria uncinata (Seed)

N.Y. June 25.
L.G. Edens, Highland Park, Reservoir Ave. Rochester
Texas. marfa
Orcutt. 1924: 496.
" Sanderson
" 1924: 636.
Mexico. Monterey
Lloyd Bro. #1
" #2
Mexico
Poder Ejecutivo Federal y of Chapultepec.
" Fed. Dist.
"
"
"

24.336 Coryphantha daimonoceras (seed) "

24.337 Echinocactus lodrospinus flavispinus (seed) "

24.338 Echinocactus grandis (seed) "

24.339 Mammillaria centricirrha (seed) "

24.340 Ferocactus macrodiscus (seed) "

24.341 Coryphantha retusa (seed) "

24.342 Zamia "

24.343 Opuntia "

24.344 Opuntia "

24.345 Opuntia "

24.346 Opuntia "

24.347 Opuntia "

24.348 Coryphantha macromeris " "

24.349 Echinocereus paucispinus "

24.350 Cactaria "

24.351 Echinocereus "

Mexico
Poder Ejecutivo Federal Yard. Bot. of Chapultepec.

Azores June 30, 1924
Corm intercepted at Providence R.I. by C.A. Davis Fed. Hort. Bd.

Texas, Dryden
Orcutt 1924 : 781
" 1924 . 782
" 1924 : 783
" 1924 : 780
" 1924 : 786
" 1924 : 776

Texas Sanderson
" 1924 : 645

Texas
" 1924 . 640
" 1924 : 638

24.352	Echeveria goldmani	4	N.Y. Bot. Gard. # 20678 Mr. Becker # 25-956
24.353	Pachyphytum amethystinum	1	
24.354	Gormania watsoni	1	~~California~~ Oregon July 16 Carl Purdy % N. L. Britton NYBG.
24.355	Echinocereus dasyacanthus	2	New Mexico, Carlsbad Gayer.
24.356	Echinocereus dasyacanthus	1	Texas, 20 mi nw. of Van Horn Inman Patterson
24.357	Coryphantha muehlenpfordii	1	Texas. El Paso Potter Floral Co.
24.358	Echeveria nodulosa (Seed)	1	Scotland. Edinburgh. Royal Bot Garden, % Foreign S. & P. Liverpool. July 18.
24.359	Coryphantha echinus	1	Texas, Langtry Orcutt 1924: 818.
24.360	Opuntia leucotricha	2	N.Y. Rochester, Department of Parks (Cult.) July 21. Wm L. G. Edson 0-1379.
24.361	Selenicereus	1	Cuba, El Cobre 1912 NYBG 35-226 Britton & Cowels 1928 79.
24.362	Mammillaria verhaertiana Böd	1	Germany, Cöln on Rhein Boedeker.
24.363	Ferocactus acanthodes Seed.	1	California, Owens Valley July 24 J.H. Ferriss.
24.364	Ferocactus acanthodes Seed	12	"
24.365	Opuntia "westrigiviensis"	1	"
24.366	Cassia Seed)	1	Virginia, Limestone ledges at Overall. July 27 Edgar T Wherry
24.367	Echinocereus	1	Panama. CV Piper
			Mexico, Monterey. July 31 C.R. Orcutt 1924: 989.

24.368	Harrisia (cult.)	11	Texas: Laredo C.R. Orcutt 1924:1018	Nov 31
24.369	Selenicereus spinulosa (cult)	11	Mexico, Monterey " 1924:1012	
24.370	Acanthocereus	11	Texas, Laredo " 1924:1020	
24.371	Harrisia (cult)	11	" " 1924:1004	
24.372	Escobaria bella	11	" , Devil's River " —	
24.373	Sedum wrightii	11	" " " —	
24.374	Escobaria	11	" " " —	
24.375	Neomammillaria denudata	11	Texas, Rio Grande, 52 mi n. of El Paso. Chas. Hammond	Nov 29
24.376	Echinomastus intertextus	11	" "	
24.377	Neomammillaria	11	California, Alhambra. E.C. Rust.	Nov 30
24.378	Opuntia	11	Arizona, Painted Desert W.N. Clute	Aug 3.
24.379	Altamiranoa elongata		Scotland, Bot. Gard. Edinburgh Wm C. Smith 49416	Mar 11
24.380	Urbinia purpusii		" " 49417	
24.381	Hymenocallis amancaes		" " 49418	
24.382	Rhipsalis sarmentacea		" " 49420	
24.383	Rhipsalis madagascariensis		" " 49419	

24:384 Oliveranthus elegans

24·385 Echevaria crata

24·386 Mammillaria multiceps

24·387 Rhipsalis mesambryanthoides

24·388 Cotyledon amoena

24·389 Agave maculata

24·390 Mammillaria pusilla

24·391 Epiphyllum
(Seed)

24·392 Cereus trigonodendron Schum.

24·393 Aloe
(Seed)

24·394 Cereus nichelsi = Cephalocereus polylophus
(Seed)

24·395 Selenicereus grandiflorus

24·396 Escobaria

24·397 Opuntia

24·398 Opuntia echinocarpa

24·399 Opuntia lindheimeri

Scotland
Bot Gard. Edinburgh.
Wm C Smith 49421
" " 29422
" " 294 23.
" " 29424.
" " 29425
" " 49414
" " 49409

Panama, via Mr Powell's Garden
Standley 28546

Bolivia, Cachuela Esperanza
M. Meyer.

Africa (East)
Shantz SPI 60449

Texas. Laredo Aug.
C.R.Orcutt

Jamaica Aug 11.
% Parke, Davis + Co. O.A. Farwell Detroit Mich.

Texas, Laredo
Orcutt 1924:1040

New Mexico, Carlsbad
Dodd

California
"

Texas
"

24.400 Lemaireocereus montanus B&R.

24.401 Lemaireocereus thurberi

24.402 Opuntia atacamensis

24.403 Opuntia

24.404 Pereskiopsis

24.405 Opuntia

24.406 Opuntia

24.407 Ferocactus

24.408 Neomammillaria

24.409 Neomammillaria

24.410 Rothbunia

24.411 Rothbunia

24.412

24.413 Ferocactus

24.414 Acanthocereus horridus B&R. (Seed.)

24.415 Chamaecrista pulcherrima

Mexico Aug 12.

" J.G. Ortega 5242

" " 5243

" " 5244

" " 5245

" " 5246

" " 5247

" " 5248

" " 5249

" " 5250

" " 5251

" " 5252

" " 5253

Arizona

J. B. Ferris, Joliet Ill. Aug 10.

My. Rochester

L. G. Eden. Dept. Parks Aug 19.

Texas

R. Runyon 657 Aug 16.

24.416

24.417 Poinsettia ciana pulcherrima L.

24.418 Caesalpinia mexicana

24.419 Guilandina gillesii

24 420

24.421 Opuntia

24.422 Opuntia cumicata

24.423 Clesitocactus anguinus

24.424

24.425

24.426 Opuntia

24.427 Monvillea (M. cavendishii Monville)

24.428
Casuelas.

24.429 Operentia (dwd) pottsii I.D. Sel Lenti.

24.430 "

Cassia
Rock 2827

" 665

" 656

Cuba Yuly.
Sem

"

"

Germany Berlin Bot. Gard.
" Range #1 House #7

New Mexico, Bland. Aug 18
Ernest Knoeble

"

"

Texas
Orcutt 1924: 1041.

New York, Rochester, Lambertson Corners, Highland Pk. Aug 23
CR. Mc Grath.

A. Davidson, Los Angeles 9/9/24 Read

Carlsbad, N. M.
W. G. Lee "

El Paso, Tex
Chas. Hammond "

24.416

24.417 Poinsettia ciana pulcherrima L.

24.418 Caesalpinia mexicana

24.419 Guilandina gillesii

24420

24.421 Opuntia

24.422 Opuntia cumicata

24.423 Clerstocactus anguinus

24.424

24.425

24.426 Opuntia

24.427 Monillea (M. cavendishii Monville)

24.428

Casmulae.

24.429 Opuntia (dwd) pottsii SD. see Kenti.

24.430 "

Texas

R. Runyan 656

" 576 656

" 665

" 656

Cuba July.

Sem

"

"

Germany Berlin Bot. Gard.

" Range #1 House #7

New Mexico, Bland. Aug 18

Ernest Knoeble

"

"

Texas

Orcutt 1924: 1041.

New York, Rochester, Lamberton Conserv, Highland Pk. Aug 23

CR. Mc Grath.

A. Davidson, Los Angeles 9/9/24 Rec'd

Carlsbad, N. M.

W. Y. Lee "

El Paso, Tex

Chas. Hammond "

24.431 Echinocactus

24.432 Opuntia

24.433 "

24.434 Neomammillaria candida

24.435 " sp.?

24.436 Opuntia dulcis

24.436a Echinocereus monterreyensis

24.437 Echinocereus

24.438 Neomammillaria runyonii

24.439 Echinocereus albiflorus

24.440 Coryphantha nickelsae

24.441 Echinocereus conglomeratus

24.442 Echinocereus sarissophorus

24.443 Ancistrocactus scheeri

24.444 Neolloydia conoidea

24.445 Agave fourcroides fide Britton

J. D. Hopkins, Price, Utah 9/9/24

#1

A. P. Todd, Uvalde, Tex. (Box 509) "

#2

" " " "

State of San Luis Potosi Mexico Meehan

" " " "

Carlsbad NM Lee "

Mexico Sept. 19.

Orcutt #1088

1107

1091

1094

1102

1105

1106

1104

1101

1096

24 446 Selenicereus

24,447 Agave fourcroides (Monterey N.L. Cult.)

24446 Echinocactus larigihamatus Var. a.

24,449 Echinocereus sarissophorus (var. probably)

24,450 Neomammillaria glomerata

24457 Mammillaria heyderi

24,452 Coryphantha elephantidens

24453 Epithelantha greggii

24,454 Pereskia

24.455 Passiflora edulis Sims

24.456 " serratifolia L.

24.457 " jamesonii ?

24,458 Selenereus grandiflorus

24.459 Epiphyllum anguliger

24.460 Epiphyllum hybridus wrayii

24.461 Lemaireocereus dumortieri

Mexico

Orcutt # 1117

1112

1110

1113

1090

1119

1103

1118

Azores (cult.)

Mexico Campeche Aug. 1924

" " "

Jamaica Sept 1924

N.Y. Rochester, Highland Parks. (Tropical America) Sept. 22.

W.F.G. Edson

"

"

"

"

24.462 Echinocereus fendleri

24.463 Epithelantha

24.464 Escobaria

24.465 Opuntia polycarpa

24.466 Opuntia polycarpa

24.467 Opuntia polycarpa?

24.468 Opuntia fragilis

24.469 Coryphantha vivipara

24.470 Opuntia dillenii

24.471 Nopalea cochinillifera

24.472 Selenicereus spinulosus?

24.473 Nyctocereus serpentinus

24.474 Lenophyllum (guttatum) Rose
acutifolium

24.475 Sedum palmeri?

24.476 Echeveria simulans

24.477 Sedum diffusum Wats.

New Mexico, Carlsbad Sept.
P.C. Standley

"

"

"

"

Montana, Baker.
Glenn Berner #1 121 E. Front St. Jamestown N.D. Sept.

N. Dakota, Mandan
" #2

Montana, Livingston
" #3

Mott; N. Dakota
" #4

N. Dakota, Minot
" #5

Grenada W.I.

"

—

Mexico.
Orcutt 1164

"

" 1160

"

" 1163

"

" 1162

"

" 1114

"

1161

24.478 Neomammillaria glomerata

24.479 Sedum leucophyllodes Rose.

24.480 Opuntia schottii

24.481 Selenicereus spinulosus

24.482 Ancistrocactus scheeri

24.483 Coryphantha

24.484 Echinocereus parryi

24.485 Harrisia martinii (Fruit)

24.486 Opuntia fulgida Engelm (Fruit.)

24.487 Neomammillaria fasciculata (Engelm) B+R.

24.488 Acanthocereus occidentalis B&R.

24.489 Selenicereus vagans (Brandegee) B+R.

24.490

24.491 Epithelantha greggii

24.492 Tradescantia

24.493 Tradescantia

Mexico
Orcutt 1121
" Sierra Madre, Monterey
" 1165
"
" 1111
"
" 1117
" near Monterey
" 1104
"
" 1103.
" Paredon, Coah.
"
California, 212 E. 24th St. Los Angeles
WM. Wegener.
Mexico
J.G. Ortega # 5245
"
" 5254
"
" 5535
"
" 5552
"
" 5548
" Paredon Coah.
Orcutt 1924: 1298.
Texas, Brownsville
Robert Runyon #676
"
" #677

24.494	Echinocereus chloranthus		Texas, El Paso Oct 21
			Chas. Hammond.
24.495	Escobaria tuberculata ?		" 20 mi n. of Alpine Nov 21.
			" # 2
24.496	Coryphantha echinus		" Retrieved Ft Stockton & Alpine
			" # 3
24.497	Echinocereus enneacanthus		" 23 mi s.w. of Sierra Blanca.
			" # 4
24.498	Coryphantha macromeris		" 23 mi s.w. of Sierra Blanca.
			" # 5
24.499	Coryphantha vivipara		North Dakota, 121 First St. Jamestown
			Glenn Berner
24.500	Mammillaria mazatlanensis		Germany, Köln
			Bödeker.
24.501	Coryphantha arizonica	2	Arizona, Greenland Point, Grand Canyon Nat. Park. Aug 23
			EA Goldman
24.502	Coryphantha arizonica	2	" , Dry Park, Havasu Nat. Forest. Aug 20
			"
24.503	Anacampseros densifolia		Germany, Berlin
			W. Mundt.
24.504	Mammillaria dioegeana		" (Mexico)
			"
24.505	Mammillaria mundtii		" (Mexico)
			"
24.506	Opuntia		Mexico, n.l.
			Orcutt 3769
24.507	Harrisia martinii		California Los Angeles, (Calif)
			HM Wegener
24.508	Harrisia		"
			"
24.509	Harrisia		"
			"

24.510 Hylocereus

24.511 Cephalocereus

24.512 Pasacliflora seed map

24.513 "

24.514 Graptopetalum bartramii 4

24.575 Echinocactus parryi 3

24.516 Echeveria Ocheri P [Oraja de burro (mex)]

24.517 Escobaria aff bella

24.518 Coryphantha difficilis

24.519 Echinocereus

24.520 Echinocereus

24.521 Echinofossulocactus

24.522 Selenicereus spinulosus.

24.523 Phyllocactus

24.524 Mammillaria sempervivi

24.525 Echinofossulocactus tricuspidatus

Barbados B.W.I. Bridgetown Box 124
IH Robinson

"

"

Panama: Between France Field & Catival Standley 30158 1/9/24

Costa Rica:
Standley 34146 2/12/24

Arizona Shaded ledges nr Tiles canyon, Patagonia Mts Santa Cruz Mts
Edwin B. Bertram Nov. 24

Texas, El Paso.
Charles Hammond Nov. 29

Mexico
Orcutt 1924: 1484

"

" 1924: 1374

"

" 1924: 1103

", Pardon, Cook

" 1924: 1480

"

" with 1924: 1480

"

" 1924: 546

" (Cincinnati Cist + Plumb) Dec. 6

JH Lloyd

"

Orcutt 1924: 1563.

"

" 1924: 1543

"

" 1924: 1524

24.526 Neomammillaria gummifera

24.527 Echinocereus

24.528 Neomammillaria hirsuscula

24.529 " decipiens

24.530 " zuccariniana

24.531 Urbinia

24.532 Echinofossulocactus
pulvinos rep.

24.533 Selenicereus

24.534 Cephalocereus

24.535 Stapelia grandiflora

24.536 Howorthia

Mexico, Chihuahua, Colonia Dublan.
Orcutt.

"

"

"

" 1924: 1576

"

" 1924: 1577

"

" 1924: 1578

" San Luis Potosi

" 1924: 1877

"

" 1924: 1945

" Said to have larger red ("Colorado") flowers.

"

Brazil, 44 mi sw. of Carolina Maranhao
EW Shaw

S. Africa Old Greenhouse plant

Old Greenhouse plant.

1925 - 1929

25.1 Echinocereus

25.2 Opuntia

25.3 Opuntia

25.4 Opuntia

25.5 Malacocarpus

25.6 Neomammillaria micrata

25.7 Echeveria ~~Walpoleana~~ palmeri Rose

25.8 Sedum retusum Hemsl.

25.9 Sedum greggii Hend.

25.10

(a red lily)

25.11

(veld flower bulbs)

25.12 Colocasia esculenta

"Leaves used for fodder, root used as a vegetable. Large wide leaf"

25.13 Graptopetalum rusbyi

25.14 Cassia biflora

(Seed)

25.15 Dallobus uniflorus

(Seed)

25.16 Neomammillaria oliviae

Texas, El Paso
ch. Hammond.

Argentina Buenos aires

California, Mouth of Deep Creek, Santa Rosa Mts, Colorado Dsrt.
S.B. Parish. Jan 16

Mexico, near San Luis Potosi
Orcutt 1730

"

" 1740

" 9000 ft. alt.

" 1799

China, 50 mi s. of Songpan alt. 7500
David C. Graham

"

"

" Suifu, Szechuen alt 1000

"

Arizona, Tucson, Sabinic Canyon Jan 26
Edwin B. Kurtz

Mexico, Sea cliffs Mazatlan Nov 23, 1924

"

" , Sinaloa, Durango Nov 27, 1924

Arizona, Sabino Canyon, Santa Catalina Mts.

"

25·17 Neomammillaria microcarpa

25·18 Echinocereus viridiflorus

25·19 Coryphantha neomexicana

25·20 Escobaria dasyacantha

25·21 Echinocereus

25·22 Opuntia atrispina Griffith ?

25·23 Opuntia aciculata Griffith ?

25·24 Opuntia cacanapa Griffith

25·25 Echinocereus triglochidiatus Engelm

25·26 Echinocereus conoideus Rümp

25·27 Opuntia rufida Engelm.

25·28 Opuntia engelmannii form.

25·29 Opuntia macrocentra Engelm.

25·30 Opuntia macrocentra Engelm

25·31 Opuntia aciculata Griffith

25·32 Thelocactus bicolor (Gal.) Britt + Rose

Arizona, Sabino Canyon, Santa Catalina Mts.
Edwin B. Bardram.

New Mexico, near Soledad Canyon, Organ Mts. 4500 alt. 6200-9000
K.H. Townsend. #1 Jan. 29,
" # 2
" # 3
" # 4

Texas, Uvalde Canyon
E. Mortensen #1
" #2
" #3
" #6
" #7
" Terlingua, Brewster Co.
" #10
" #11
" Brewster Co.
" #12
" Terlingua Co.
" #13
" Brewster Co
" #16
" Lajitas, Brewster Co.
" #22

25.33 Echinocereus enneacanthus Engelm.

25.34 Opuntia grahamii

25.36 Coryphantha neomexicana (Engelm.) Britt & R.

25.37 Echinocereus dasyacanthus

25.38 Opuntia grahamii

25.39 Neomammillaria heyderi (Muhl.) Britt & R.

25.40 Neomammillaria multiceps (S-D) Britt & R.
= Mammillaria texensis

25.41 Neomammillaria schiedeana

25.42 Cactus eschanzieri (type loc.)

25.43 Cactus bispinis

25.44 Escontria bella

25.45 Escontria bella

25.46 Mammillaria texensis = Neomammillaria multiceps

25.47 Coryphantha macromeris

25.48 Coryphantha

25.49 Coryphantha

Texas, Brewster Co.
E. Mortensen # 23
" Presidio Co
" # 24
" Terlingua Co.
" " # 31
" " " # 32
" Brewster Co
" # 33
" Uvalde Co.
" # 39
" Nueces Canyon, Uvalde Co.
" # 40

Mexico
Orcutt 1925: 21
"
" 1925: 22
"
" 1925: 49

Texas, Devils River
M. H. Ferriss 510 K.
"
" 510 L
"
" 510 M.

Texas
" 518
"
" 518 E.
" 518 E X

25.50	Neomammillaria denudata	Texas.
25.51	Echinomastus intertextus B&R.	" J H Ferriss # 518 g.
25.52	Escobaria dasyacantha B&R.	" " 519 g.
25.53	Neolloydia texensis B&R	" " 519 F.
25.54	Coryphantha	" " 519 H
25.55	Neomammillaria denudata B&R.	" " —
25.56	Echinocereus octacanthus ?	" near Marathon.
25.57	Echinocereus viridiflorus	" " 520 B.
25.58	Echinocereus viridiflorus	" " 520 g.
25.59	Opuntia	" " 520 D
25.60	Opuntia	" " 520 E.
25.61	Opuntia	" Uvalde canyons grows on rocky hills 3-4 ft. h. mar. 7. C Mortensen # 4
25.62	Echinocereus dasyacanthus	" Brewster Co. Crest 3-4 ft., Sandy Soil
25.63	Echinocereus dasyacanthus	" " # 17
25.64	Opuntia	" Langtry grows on gravelly hills
25.65	Opuntia lindheimeri (form)	" " # 18
		" Terlingua grassy hillsides
		" " # 19
		" " Rocky, dry soil
		" " # 20
		" Uvalde On grassy ridges. common.
		" " # 41
		" Uvalde canyons grows in rich loam
		" " # 42

25.66	Opuntia atrispina griffth.
25.67	Neomammillaria pottsii
25.68	Ferrocactus hamatacanthus
25.69	Echinomastus ferinsii
25.70	Thelocactus bicolor
25.71	Neomammillaria denudata
25.72	Echinocereus
25.73	Echinocereus
25.74	Echinocereus dasyacanthus
25.75	Echinocereus dasyacanthus
25.76	Echinocereus lloydii
25.77	Echinomastus intertextus B&R
25.78	Peperomia ~~montezuma~~ (bulbs)
25.79	Opuntia
25.80	Echinomastus ferinsii
25.81	Coryphantha macromeris v.

Texas: Uvalde county Rocky hillsides mar. 7.
E. Mortensen # 43
" Terlingua Petals rose-colored with violet stripes the stamens and pistils are yellow.
" # 21
" " near mouth of Rio Grande Canyon mar. 9.
J. H. Ferriss
"
"
"
"
"
"
"
"
"
" # 522 C.
"
" #522 B.
"
" #522
"
" # 523 D

Mexico. Alvarez/San Luis Potosi Dec. 1. 1924
Ix engrx to publ Orcutt 1924. 1968
" Monterrey N. L. mar 13.
Orcutt. 1924. 1566
Texas Blue Creek Canyon
J. H. Ferriss 526a mar 25.
"
" 526 B

25.82 Coryphantha micromeris ?	Texas Blue Creek Canyon.
25.83 Ferocactus uncinatus	Y.H. Ferris # 526 C.
25.84 Echinocereus dasyacanthus	"
25.85 Echinocereus	" # 527
25.86 Opuntia polyacantha	"
25.87 Opuntia tortispina	" # 526
25.88 Oncidium	Texas
25.89 Byrnesia weinbergii Rose	Y.H. Ferris.
25.90 Coryphantha	Wyoming "Joints sometimes 3½ in long"
25.91 Epiphyllum	Richard Knechel Mar. 17.
25.92 Lemaireocereus	Texas Saba Co. "Joints sometimes 3½ in. long, flowers about 2 in across, Pale yellow."
25.93 Echinocereus knippelianus	"
25.94 Pereskiopsis ("Tuna de playa")	Panama
25.95 Nopalea	Collector unknown. U.S.N.H.
25.96 Opuntia	Mexico Arcutt 1925: 418
25.97 Echinocereus	" 1925: 351
	" 1925: 473
	" 1925: 339
	" 1925: 396
	" 1925: 417
	" 1925: 336
	" 1925: 404
	" 1925: 349

25.98 Opuntia grahamii

25.99 Echinocereus

25.100 Echinocereus

25.101 Echinocereus

25.102 Cassia

25.103 Myrtillocactus cochal (seed)

25.104 Neomammillaria milleri B&R.

25.105 Phellosperma tetracistra

25.106 Phellosperma tetracistra

25.107 Phellosperma tetracistra

25.108 Echinomastus intertextus (seed)

25.109 Opuntia

25.110 Echinocereus

25.111 Echinocereus

25.112 Sedum leucophylloides Rose

25.113 Echeveria

Texas. Terlingua Yth Ferris. 5-29 a.

" " —

" Big Bend. " 5-28

" " 5-29

Mexico, Jalisco C.a Purpus in 1925.

Lower California E.C. Rust # 679.

" " # 823.

" " # 965

" " # 964

" " # 864

Texas, Davis Mts. Apr. 1,

Yth Ferris

" "

" "

" "

" "

Mexico, Victoria Tampo. Rocky mt. side Mts to S. of, Apr. 8.

Robert Runyon # 28 coll March 8-25

" " # 29

25. 114 Coryphantha palmeri

25. 115 Coryphantha radians = Neolloydia ? arcuata

25. 116 Ariocarpus trigonus

25. 117 Obregonia denegrii Fric.

25. 118 Agave

25. 119 Valeriana

25. 120 Mesembrianthemum linguiforme

25. 121 Echinocereus ~~dasyacantha~~

25. 122 Echinocereus viridiflorus

25. 123 Opuntia

25. 124 Echinomastus intertextus

25. 125 Echinocereus viridiflorus

25. 126 Coryphanta neomexicana

25. 127 Ferocactus uncinatus

25. 128 Echinocereus richenbachii

25. 129 Zephyranthes

Mexico, Yaumane; Sandy loams May 24
Robert Runyon # 30
" "
" # 31
" "
" # 32
" Sandy hills
" # 33
" "
Rocky cliffs
" # 35
"

Green House
no data.

Texas, near Alpine. Apr. 27.
J. H. Ferris # 532 C
" "
" 532 B
" "
" 532 a
" "
" —
" Siena Blanca
" 534 D
" "
" 534 E
" "
" —

Mexico, Monterey Apr. 17
Arcutt 1925: 576
"
" 1925: 560

25°.130 (Rumbell.)

25°.131 Pedilanthus

25°.132 Coryphantha

25°.133 Opuntia

25°.134 Echinocereus

25°.135 ~~Echinocereus dbactii~~ Cephalocereus senilis.

25°.136 Neomammillaria amoena

25°.137 Coryphantha clava Lem.

25°.138 Echinofossulocactus coptonogonus Lawrence

25°.139 Echinofossulocactus coptonogonus Lawrence (Lend)

25°.140 Coryphantha sulcolanata Lem.

25°.141 Neomammillaria

25°.142 Coryphanta compacta

25°.143 Neomammillaria uncinata

25°.144 Neomammillaria

25°.145 Neomammillaria wiellerianna

Same as 24.79

Mexico, Monterey N.L. Apr. 13

Orcutt. 1925°: 671

" , Yamnave Tampo

" 1925°: 587

" , Yamnave valley

" 1925°: 556

"

" 1925°. 584.

"

" 1925°: 581

" Hidalgo

Alturo F. Moeller Apr. 6.

"

" 2

"

" 2 (?)

"

" 3

"

" —

"

" 4

" Barenco Mts 10 mi S.E. of San Pedro.

" 5

" Hidalgo

" 6

"

" 7

"

" 8

" Durango

" —

25·146 Coryphantha (red seed)

25·147 Echinocactus (grey seed)

25·148 Coryphantha neomexicana

25·149 Echinocereus pancispinus

25·150 Coryphantha macromeris

25·151 Echinocereus dasyacanthus

25·152 Echinocereus

25·153 Epiphyllum stenopetalum

25·154 Acanthocereus floridanum

25·155 Bauhinia coulteri seed

25·156 Echinocereus dasyacanthus

25·157 Echinocereus

25·158 Chamaecrista scandens (Seed)

25·159 Echinomastus ferrisii

25·160 Echinocactus horizontalonius

25·161 Opuntia

Mexico, Hidalgo
Altmo F. Mueller
"
"
Texas near Sierra Blanca
J. H. Ferriss 5-33a
" " 5-38 T
" " —
" " —
" " —
Florida, Winter Park. cultivated
H. Siewert Apr 10.
" Common along road between Palm Beach & Miami
"
Mexico, S L. Potosi
Orcutt 1924 : 1831.
Texas, near El Paso.
J. H. Ferriss.
Texas; Ft. Davis in the Davis Mts. Apr 17.
H. L. Potter.
Ecuador. Guayaquil
Prof Stevens in 1924
Texas, Uvalde
A P Dodd #21
" #25
" #48

25.162 Opuntia blennae

25.163 Echinocereus octacanthus

25.164 Ariocarpus retusus
(Seed) plant = 25.178

25.165 Opuntia

25.166 Opuntia

25.167 Cephalocereus polygonus

25.168 Opuntia taylori Britt + Rose.

25.169 Hylocereus napaleonis (Grah.) B+R.

25.170 Selenocereus boecksmannii (otto) Britt & R.

25.171 Neomammillaria prolifera (Mill) Britt & R.

25.172 Echinomastus

25.173 Mammillaria

25.174 Echinocereus

25.175 Echinocereus longisetus

25.176 Ffossulocactus lloydi

25.177 Coryphantha

Texas, Uvalde
A. P. Dodd. #49
" "
" " #50

Mexico, San Luis Potosi
Orcutt

Haiti, Gonaive
G. S. Miller
"
" March 15
" San Michel Limestone ridge at north edge of central plain alt. about 500 ft
"
"
"
"
"
" L. Archaie March 10
"

Mexico
Orcutt 1925 : 307
"
" : 307½
"
" : 308
"
" : 309
"
" : 310
"
" : 311

25.178 Eriocarpus retusus
Seed = 25.164
25.179 Echinocactus horizonthalonius
25.180 Neomammillaria chinocephala
25.181 Neomammillaria chinocephala
Seed of the above
25.182 Opuntia
25.183 Neolloydia conoidea
25.184 Echinocereus
25.185 Echinocereus
25.186 Opuntia microdasys ?
25.187 Opuntia
25.188 Astrophytum asterias
25.189 Ferocactus
25.190 Echeveria
25.191 Sedum turnatum
25.192 Harrisia
25.193 Cereus hexagonus (L) Mill. (cult.)

Mexico
Orcutt 1925: 315
" " : 318
" " : 320 in part.
" " : 320 in part
" " : 324
" " : 326
Mexico, Coah., Cameron
" : 309
" with underground stems
" : 320
" " : 323
" " : 330
" " —
" " —
" " : 332
Virginia Clarendon
Ralph Baldwin
Holland, The Hague
a. Van Dijk. #1
" #2

25-194 Echinopsis (cult.

25-195 Echinopsis (cult.)

25-196 Echinopsis (cult.)

25-197 Opuntia (cult.)

25-198 Opuntia (cult.)

25-199 Opuntia (Cult.)

25-200 Nopalea (Cult.)

25-201 Harrisia (Cult.)

25-202 (cult.)

26-203 (Cult.)

25-204 Manihot foetida (sud)

25-205 Hippocrates acapulcensis (sud)

25-206 Guazuma ulmifolia (sud)

25-207 Echinocereus pentalophus

25-208 Echinocereus knippelianus

25-209 Cephalocereus palmeri

Holland, the Hague
a. van Dijk. # 7

" " # 8

" " # 9

" " # 10

" " # 11

" " # 13

" " # 12

" " # 4

" " # 5

" " # 6

Mexico
% Herrera

"

"

"

Orcutt 1925: 344

" : 396

"

" : 441

25.210 Neolloydia

25.211 Echinocereus reichenbachianus

25.212 Selenicereus spinulosus

25.213 Echinocereus

25.214 Coryphantha

25.215 Ariocarpus

25.216 Ariocarpus (Seed)

25.217 Obregonia

25.218 Phellosperma tetrancistra

25.219 Neomammillaria gummifera

25.220 Echinomastus intertextus

25.221 Coryphantha

25.222 Hippeastrum

25.223 Neomammillaria plumosa Britt + Rose

25.224 Neomammillaria longiceps Britt + Rose

25.225 Echinofossulocactus

Mexico
Orcutt 1925: 554
" " :576
" " :578
" " :581
" " —
" "
" "
" "
" "
"

Arizona, Kingman. Hualapai Mts.
Mrs. Chas. Bly.

Mexico, Chihuahua
Hammond 1925: 2002
" " 1925: 2005

Mexico,
Orcutt 1925: 361

Peru, Andes
F. L. Herrera

Mexico
A F. Moeller. #9
" S. Luis Potosi. #10
" " #11

25·226 Echniofossulocactus octagonus

25·227 Neomammillaria decipiens

25·228 Thelocactus nidulans.

25·229 Epithelantha micromeris (Eng.) Web

25·230 Echinocereus

25·231 Selaginella lepidota

25·232 Ariocarpus trigonus (seeds)

25·233 Sedum linearе Thunb.

25·234 Conyparthe palmeri B+R.

25·235 Conyparthe

25·236 Neomammillaria candida (Plant)

25·237 Neomammillaria candida (seed)

25·238 Echniofossulocactus

25·239 Echinofossulocactus coptonogonus

25·240 Lenchtenbergia principis

25·241 Amaryllis (bulbs) (wild)

Mexico. S. Luis Potosi.
A.F. Moeller. #12.

" " #13.

" " #14.

" N. Leon. #15

" Durango " #16

Mexico " —

" " —

Washington D.C. Bot Gard. Natives of Japan May 22
H N Rose

Mexico, San Luis Potosi
A.F. Moeller. #17

" " #18

" " #19

" " #19

" " #20+21

" " —

" " —

Caracas Brazil May 28
Agnes Chase —

25.242 Amaryllis (wild bulbs)

25.243 Cereus hexagonus

25.244 Acanthocereus floridanus

25.245 Coryphantha aggregata

25.246 Opuntia vesicolor

25.247 Echinocereus viridiflorus

25.248 Dudleya abramsii Rose.

25.249 Opuntia

25.250 Passiflora coerulea L.

25.251 " herbertiana Lindl.

25.252 " edulis Sims

25.253 " rubra L.

25.254 "

25.255 " mexicana?

25.256 " kapiolanis

May 28

Brazil, Serra de Gramma, Minas Geraes.
Agnes Chase

Florida, Winter Park.
H. Siewert May 29.

"

"

Arizona, Oak Flat between the head of Queen's Creek & Devil's Canyon May 25.
A.R Leding.

"

"

Colorado, between Cherokee Park & Virgina Dale, northern Larimer Co.
Edwin B. Payson. May 31.

California, Tehachapi Mts May.
A. Davidson

West Virginia, Harpers Ferry June 10.
E. Wherry

La Mortola, Italy (1459)

" " (1461)

Azores [B.P.I.] 1924

Venezuela Pittier 11387 1925

[SPI 51392] "

Colombia, Bogota - Kelip 9721

" Popayan Pennell & Daily 6401

25.257	Passiflora	trifasciata-laminatoides
25.258	"	emarginata H+B.
25.259	"	chelidonea Mast.
25.260	"	mollis H.B.K.
25.261	"	mamillata (Jus.) Pers
25.262	?	
25.263	Passiflora	
25.264	"	mexicana (at store)
25.265	Amaryllis	belladona
25.266	Mammillaria	zuccariniana
25.267	Echinocereus	
25.268	Echinofossulocactus	tricuspidatus
25.269	Echinofossulocactus	
25.270	Conophytcha	cornifera
25.271	Pachycereus	marginatus
25.272	Mammillaria	decipiens

Colombia: La Cumbre Rusby 5761

" Dinto Garcia (P.+K 6982)

" La Cumbre P.+K. 5752

" " " 5687

" San Isidro " 6421

" Popayán "

Palmira. Palmira Rusby 6199a

Mexico: Monserrate Purpus

Africa, Cape Town May 14.
R. Marloth

Mexico
Orcutt 1925.19

"

"

"

"1924:1546.

"

"1925:88

"

"

"

"1924:1540

"

25·273	Pelecyphora aselliformis	Mexico
25·274	Dudleya	"
25·275	Neomammillaria multiceps	"
25·276	Coryphantha pectinata	Texas, Pec
25·277	Hamatocactus setispinus (Engelm) B&R.	" Ho
25,278		
25,279		
25,280		
25,281		
25,282		
25,283		
25,284		
25,285		
25,286		
25,287		
25,288		

25,278—25—286
Miller

25,287 - 301
Orcutt

25,301 Neomammillaria
25,302 Echinocereus
A. V. Fric - Mexico

Mex. 12.

25·273 Pelecyphora aselliformis — Mexico

25·274 Dudleya — Orcutt 1925: 71

25·275 Neomammillaria multiceps — "

25·276 Coryphantha pectinata — " near Yaumave Orcutt & Runyon.

25·277 Hamatocactus setispinus (Engelm) B&R. — Texas, Pecos, near Rio Grande Nov 12. J. H Ferriss 516.

25·278 — " Horse Top Mountain. Souther Texas " 518.

25,279

25,280

25,281

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25,291

25,292

25,293

25,294

25,295

25,296

25,297

25,298

25,299

25,300

25,301

25,302

25,303 Conyza canadensis var. mexicana

25,304 Echinacea

El Paso Texas
Charles Hammond,
" " (2031)

25,304 Echinocereus chloranthus

23,306 Neolloydia conoidea

23,307 Mamillaria

23,308 Neobesseya similis

25,309 " = " "

25,310

25,311 " of 25,310

25,312 Echinocereus

25,313 Opuntia macrorhiza

25,314 Dicoria

25,315 Opuntia fragilis

25,316 Sedella pumila

25,317 Daphne mezereum L. Dead

25,318 Clara minuata Rydb.

25,319 Neomammillaria

25,320 Neomammillaria

El Paso Texas 1925
C. Hammond, No 2
Mexico
C.R. Orcutt # 1032
Kingsville Texas 1925
Robert Runyon.
Hinton, Texas (Under rock work)
S.R. Warner

"

"

"

News Bishop. Texas 1925

Texas, Edna
S. R. Warner
Chiapas Mexico
Dr E. A Pumpus
F.C. Lloyd July 1925
Nanaimo B.C.
Dr A Davidson
Tehachapi Mts Los Angeles Co. 1920
Gen. Nelson
Wyoming State
South Africa U.S. Dept. Agric.
25,318.
Mexico
Orcutt 1133.

" 1925: 958.

25-321 Echinocereus chloranthus

25-322 Echinocereus viridiflora

25-323 Echinocereus standleyi

25-324 Escobaria tuberculosa

25-325 Dioon tuilleyii Rose nsp.

25-326 Sedum anglicum Huds

25-327 Sedum multiceps

25-328 Sedum amplexicaule DC

25-329 Sedum dasyphyllum oblongifolium Bal.

25-330 Sedum dasyphyllum glandulíferum Morris

25-331 Sedum alsinifolium All

25-332 Sedum stoloníferum Gmel.

25-333 Sedum adolphi

25-334 Sedum ellacombianum Raezu.

25-335 Sedum nevadense Jordan

25-336 Umbilicus appressifolius

Texas July 21
Chas. Hammond.
"
"
"
"
" "

Mexico
Mexican embassy

France Rec. Aug. 19, 1935

25.337 Sedum altissimum Poir

25.338 Sedum dasyphyllum glandulosum Maire

25.339 Sedum chabeandi

25.340 Sedum winkleri Wolley Dod.

25.341 Sedum brevifolium DC.

25.342 Sedum turkestanicum Regel.

25.343 Sedum luteolum Chat.

25.344 Umbilicus pendulinus DC.
(Tuberculis)

25.345 Sedum gypsicolum Boiss

25.346 Sedum amecamecanum Raega.

25.347 Sedum primuloides Blanchet.

25.347 Sedum stribonyi Velen.

25.348 Sedum nidicum

25.349 Sedum pàcardi

25.350 Sempervivum atlanticum Bal.

25.351

France.

Mexico. Mich.
Arsene'

25-352 Mammillaria collina

25-353 Echeveria

25-354 Mammillaria decalbata

25-355 Mammillaria

25-356 Echinopsis[?] cactus

25-357 Agave

25-358 Mammillaria

25-359 Echeveria mucronata Schlecht

25-360 Echeveria glauca

25-361 Sedum spathulifolium

25-362 Orijo de Burro

25-363 Opuntia

25-364 Opuntia

25-365 Ferocactus chrysacanthus (Orcutt) Br. R.

25-366 Echinocereus maritimus (Jones) Sch.

25-367 Opuntia cholla Weber

Mexico

Orcutt 1925 - 1484

" 1487

" 1531

" 1535

" 1536

" 1670

" 1672

" 1733

" 1852

" 1853

" 1855

Lower California; Guadalupe Is. Apr. 20

H.L. Mason 1547

" Clarion Is. Apr. 24

" 1593

" Cedros Island June 3

" 2005

" 2007 "

" 2043 June 6

25-368 Mammillaria

25-369 Mammillaria

25-370 Cochemiea pondii (Craw) Walton

25-371 Mammillaria goodridgei (Schum) B&R.

25-372 Stenomeron incacanthum

25-373 Amaribis

25-374 Zamia

25-375 Cephalocereus
(Seed)

25-376 Neomammillaria

25-377 Cycas

25-378 Dioon
(Dioon del Pinoi)

25-378 a Dioon

25-379 ~~Melocactus~~ Cactus

25-380 Sedum griffithsii Rose.
ant 5500 ft.

25-381 Neomammillaria schwarzii (11)

25-382 Anhalonium (1)

Maria Madre Island
H.L. Mason 1752
"
" 1783

Cedros Is.
" 2008

San Quintin Bay
" 2065

Peru. Cuzco
F.L. Herrera Aug 12
"
"

Mexico, Zamapam, Vera Cruz. Sept 1
C.A. Purpus
" Rio de los Cantones
"
" Monserrato, on rocks
"
" Jalisco Feb 24.
"
" Monserrato 600 mts.
"
"
"
"
"
" July.

Arizona, Merendith Canyon, Santa Rita Mts. Sept 2
E. B. Bartram
Mexico. Durango, Gomez Palacio
Theo Schwarz #1
"
" #2

25·383 Ariocarpus chantè retusus ②

25·384 Ariocarpus fissuratus ①

25·385 Mammillaria tapon ③

25·386 ⑤

25·387 Ariocarpus cochubii ⑯

25·388 Echinocactus ①

25·389 Echinocactus ①

25·390 Mammallaria ①

25·391 Mammillaria ①

25·392 Mammillaria ①

25·393 Mammillaria ①

25·394 Mammillaria ①

25·395 · Coryphantha ①

25·396 Mammillaria ①
snow ball

25·397 Coryphantha ①

25·398

Mexico Durango Gomez Palacio ..
Theo. Schwarz #3

" " #4

" " #5

" " #6

" " #7

" " #8

" " #9

" " #10

" " #11

" " #12

" " #13

" " #14

" " #15

" " #16

" " #17

Mexico, Tepemesquites, San Ignacio, alt 150 m.
J-9-Ortega 1533.

25.399 Neomammillaria milleri

25.400 Neomammillaria

25.401 Opuntia ②

25.402 Coryphantha

25.403 Mammillaria pseudoperbella

25.404 Echeveria

25.405 Gymnocalycium

25.406 Ferocactus alamosanus

25.407 Ferocactus covillei

25.408 Ferocactus townsendianus

25.408a Ferocactus townsendianus (seed)

25.409 Ferocactus faleonii Orcutt.

25.410 Ferocactus

25.411 Ferocactus

25.412 Coryphantha

25.413 Neomammillaria sheldonii B&R.

Arizona, Phoenix.
R.G. Haskett.
"
"

Tortugas, Florida.
Paul Bartsch

Mexico
Orcutt 1925: 1879

Germany
Bödeker Cöln g/Rhein.

Peru, Dist of Allantaitambo Prov. Urubamba alt 2900 m
F.L. Herrera # 710

Colorado Sept.
Cockerell

Mexico, Sonora
J. G. Ortega 5794 Aug.
" 5796
" Lower California
" 5797
"
" red of 5797
" —
" 5800
" , Sinaloa
" 5801
"
" 5802
" Sonora
" 5745
"
" 5734

25.414 Neomammillaria

25.415 Neomammillaria fraileri B&R.

25.416 Neomammillaria

25.417 Neomammillaria

25.418 Neomammillaria

25.419 Neomammillaria

25.420 Neomammillaria

25.421 Neomammillaria

25 422 Neomammillaria

25.423 Neomammillaria

25.424 Neomammillaria

25.425 Neomammillaria

25.426 Neomammillaria

25.427 Neomammillaria

25.428 Neomammillaria

25.429 Neomammillaria

Mexico. Sonora
J.G. Ortega 5235

Mexico. Lower California
" 5236

" I.M.
" 5237

" Sonora
" 5238

"
" 5239

"
" 5240

"
" 5241

"
" 5242

" —
" 5243

"
" 5244

" I.M.
" 5247

" Sonora
" 5248

"
" 5249

"
" 5280

"
" 5281

" Sinaloa
" 5282

25.430	Neomammillaria	Mexico, Sinaloa	J.G. Ortega 5783
25.431	Neomammillaria	Mexico, "	" 5784
25.432	Neomammillaria	Mexico, "	" 5785
25.433	Neomammillaria	Mexico, "	" 5786
25.434	Neomammillaria	Mexico, "	" 5787
25.435	Neomammillaria	Mexico, "	" 5788
25.436	Neomammillaria	Mexico, Sonora	" 5789
25.437	Neomammillaria	Mexico, "	" 5790
25.438	Neomammillaria	Mexico, "	" 5791
25.439	Neomammillaria	Mexico, "	" 5792
25.440	Neomammillaria	Mexico, Durango	" 5793
25.441	Neomammillaria	Mexico, Sonora	" 5830
25.442	Cochemiea	Mexico, "	" 5807
25.443	Aphalocereus purpusii B&R	Mexico, Sinaloa	" 5815
25.444	Hylocereus	Mexico, "	" 5818
25.445	Pachycereus pringlei	Mexico, Sonora	" 5821

25.446 Lemaireocereus thurberi

25.447 Sedum

25.448 Opuntia abiculata
perhaps 04.276, 04.436, 04.514, 09.318, or 12,164

25.449 Escobaria chaffeyi (Folea Fric)

25.450 Passiflora palmeri

25.451 Cotyledon umbilicus veneris

25.452 Crassulaceae

25.453 Echeveria coccinea

25.454 Echeveria

25.455 Dolichothele sphaerica B&R.

25.456 Neomammillaria microcarpa B&R

25.457 Coryphantha neomexicana B&R.

25.458 Thelocactus bicolor B&R.

25.459 Echinocereus

25.460 Echinocereus

25.461 Echinocereus

Mexico, Sonora
Y. G. Ortega 5823.
Mt. Blanco, France Kellip 13023 8/4/25

Dr. G. H. U.S.D. Agr. Dept.

Mexico
Fric
Yucatan - Gaumer 23671

South Florida (Hab. Morrow). Oct 5.
David Fairchild

Mexico
Orcutt 1925: 2213.
" "
" 1925: 2244
"
" 1925: 2300

Texas, Laredo
Alan. P. Dodd. 56 Aug 27.

Arizona, Tucson
" 70
" , Panalino Mts
" 108

Texas, Marathon
" 109
" , Uvalde
" 52
" , Devil's River
" 51

Arizona, Southern
" 119

25.462 Echinocereus

25.463 Echinocereus

25.464 Ferocactus covillei B&R.

25.465 Ancistrocactus brevihamatus B&R

25.466 Escobaria tuberculosa (Engelm) B&R.

25.467 Coryphantha macromeris B&R.

25.468 Echinocereus fiendleri Engelm.

25.469 Opuntia kunzii Rose

25.470 Opuntia (Cult.)

25.471 Opuntia

25.472 Opuntia

25.473 Opuntia

25.474 Opuntia

25.475 Opuntia

25.476 Opuntia

25.477 Opuntia

Arizona, northern, Mormon Lake Aug 27.
Alm P. Dodd. 77

California, southern, Cuyamaca
" 89

Texas, Fort Davis
" 85

" , Uvalde
" 106

" , Shafter
" 113

" , Sanderson
" 102

" , Shafter
" 111

Arizona, Pinalino mts.
" 82

Texas, Uvalde
" 55

New Mexico, Carlsbad
" 60

"
" 61

Arizona, southern, Huachuca mts.
" 64

" , Bisbee
" 74

" , northern, Mormon Lake
" 79.

" , Globe
" 81

Texas, Sanderson
" 92

25.478 Opuntia

25.479 Opuntia

25.480 Opuntia

25.481 Opuntia

25.482 Macrozamia denisoni
(Seed)

25.483 Amaryllis
(seed)

25.484 Neomammillaria denudata

25.485 Selenicereus boeckmannii

25.486 Selenicereus vagans

25.487 Coryphantha neomexicana

25.488 Echinocereus dasyacantha

25.489 Lunaria annua L.

25.490 Coryphantha

25.491 Opuntia polyacantha
(one planted Decatur Heights Ind)

25.492 Opuntia fragilis Oct 30'25
(")

25.493 Lenophyllum texanum

New Mexico, northern, Cimarron Aug. 27
Alan P. Dodd 96
" Taos
" 98

Colorado, Trinidad
" 99

Colorado "
" 100

Australia, Queensland Aug. 7, 1924

Brazil Summit of Tera da Gramma
P.H. Rolfs.

Texas, El Paso Oct 13.
Chas Hammond

California, Los Angeles Cnty.
H.M. Wegener & Ida Griffith. Sept 15.
"
"

Texas
C. Hammond (with 25.494)

Texas
"

Virginia
P.R. Monroe

California, Riverside
C.C. Yarger

Alberta, Brooks Oct 12
T. E. Lloyd.
"
"

U.S. Dept. Agri J. H. Horne. Nov. 3.

25.494 Dudleya goldmanii

25.495 Sedum spatulifolium Hbb.
(one in garden Decatur Heights Nurs. ex Z)

25,496 Opuntia engelmannii ?

25,497 " fuscovatra Engelm

25,498 " " "

25,499 " macrocarpa

25,500 "

25,501

25,502

25,503

25,504

25,505

25,506

25,507

25,508

25,509

Oct. 26.

California. Little San. Rive, lower course of north fork.
D.F. MacDougal.

"

Texas, Brewster Co Montemayor #147

" Dean Bennett " #137

" Leakey #141

" Dalhart #126

" Rockspring #138

25.520

Amaryllidaceae

25,521

Bert Stack

25,522

Orchid

25,523

root

25.524 Dudleya

25.525 Crassula

25.526 Graptopetalum rusbyi

25.527 Echeveria

Cuzco Peru

Herrera 1925

" "

California, Victorville near Barstow Nov.
D.T. MacDougal

Missouri, Mo. Bot. Gard.

"

Arizona, Superior

"

Cult.

Buchmann.

26.1 Echinocereus reichenbachii Haage

26.2 Phellosperma tetracentra (Engelm) B&R

26.3 Dudleya compacta

26.4 ~~Echinocereus~~

26.5 ~~Porliera finitibipata~~

26.6

26.7

26.8

26.9 Echeveria

26-9a (Sent by Anna W. Kidder (Apr 10 '26))

26.10

26.11

26.12 = 26.5a

26.13 Sclerocactus polyancistrus

26.14 Zephyranthes bifolia (Lull) Roem.
bulb.

26.15 Hippeastrum puniceum (Lam) Urb.
bulb.

26.16 Hippeastrum puniceum (Lam) Urb.
bulb.

Oklahoma, near Lillyhurst
Wm E. Brandt Jan 1 1926

Location Bayona
A R. Ludwig Feb 16, 1926

San Francisco, Cal
A. M. Kidder Feb 1926

~~Chile A. Bruch Eleanda Joseph 2-8-26~~

~~Peru Horticola~~ See #s 26.73 + 26.74

California, Cult.
Anna W Kidder 3/10 26.

California?
E. C. Rost 2/15

Haiti, Gros Morne. Dry thicket, fl reddish purple
E.C. Leonard 9785 2/17

" Marmelade, In soil, border of thicket on cliff.
" 8323 12/20 25

" " Coffee plantation
8076 12/20 25

26.17 Zephyranthes bifolia (Lindl) Roem. Bulb

26·18 Hymenocallis ~~rotatiflora~~ arenicola Northrop. Bulb

26·19 Bletia florida RBr. orchid bulb.

26·20 Bletia patula Hook. orchid bulb

26·21 Bletia florida R.Br. orchid bulb.

26·22 Epidendrum cochleatum L. Orchid bulb.

26·23 Canna coccinea Mill. Fleshy roots?

26·24 Oncidium variegatum Sw. plants

26·25 Rhoeo discolor (L'Her) Hance. base of plant.

26·26 Pachira Scale fumigation twigs
this plant died

26·27 Bryophyllum calycinum Salisb Scale fumigation. twigs

26·28 Annona reticulata L. seed.
one plant Sept 1926.

26·29 Mirabilis jalapa L. Seed

26·30 Carica papaya L. Seed
germinating April 23, 1926

26·31 Hura crepitans L. Seed
germinating apr 23. 1926 Specimen April 13, 1926

26·32 Terminalia catappa L. Seed.

Haiti, Marmelade, Open summit of mountain fl. bright red. 12/20 25
EC Leonard 8378

" Dondon, Coffee plantation fl white fragrant 1/9 26.
" 8759

" Marmelade, Steep grassy Mountain slope fl purple. 12/19 25
" 8203

" St Michel, Mt Blondanna, dry grassy slopes fl bright purple 12/5 25

" 7790

" Dondon, Open grassy ridge fl. purple. 1/8 26.
" 8751

" Marmelade, rocks, thicket on summit of mt. 12/20 25
" 8380

" Pilate, piled on edge of field by natives 2/11 26.
" no number.

" Gros Morne On bank trail, fl light purple. 2/17 26.
" 9901

" Ennery, rocky banks. 2/9 26
" 9480

" Vicinity of Thor. Largetau, fl red. 2/28 26
" 10124.

" " 2/27 26.
" no no.

" Gros Morne, Tree about 20 ft h. 2/17 26
" 9819

" Ennery fl. purple & white 1/12 26
" no #

" Gros Morne. fruit purchased from native Feb 16 1926
" no #

" Ennery 1/31 26.
" no #

" " 2/9 26
" 9585

26-33 Bixa orellana L. (Seed)

26-34 Canna coccinea Mill. Seed

26-35 Bletia florida RBr. orchid.

26-36 Leaf Fig.

26-37 Epidendrum bifidum Aubl. Orchid.

26-38 Cutting

26-39 Sansevieria guineensis Willd. leaf

26-40 Tillandsia

26-41 Tillandsia

26-42 Tillandsia

26-43 Tillandsia

26-44 Tillandsia

26-45 Tillandsia

26-46 Tillandsia

26-47 Tillandsia

26-48 Tillandsia

Haiti, Ennery. Feb 1926.

E. C. Leonard 10022a

" Marmelade. 12/20 25"

Dry reading July 13, 1926 " No #.

" St. Michel. grassy slope of Mt. La Selle. 12/16 25.

" 8031

" " 1925

" no #

" St Raphael on tree 12/2 25.

" 7669

" Gros Morne, in yard. 2/18 26

" 9992

" Plaisance, dry slope along stream 1/27 26.

" 9278

" Gros morne, in tree 2/9 26

" 10014

" Ennery, in tree 2/4 26.

" 9525

" Pilate, in tree 2/11 26.

" 9691

" Ennery in tree 2/4 26.

" 9524

" Ennery on rocks 2/5 26

" 9580

" Ennery, on rocks 1/21 26.

" 9104

" Ennery, on ground in dense thicket 2/2 26

" 9539.

" Gros Morne On tree, dry thicket 2/18 26.

" 10017

" Gros Morne In tree 2/16 26

" 10016

26.49 Tillandsia

26.50 Sedum dasyphyllum

26.51 Sedum anglicum

26.52 Sedum

26.53 Sedum

26.54 Begonia

26.55 Cassia (Seed)

26.56 Opuntia polyacantha

26.57 Coryphantha robustispina

26.58 Sedum

26.59 Dudleya

26.60

seeds

26.61 Opuntia opuntia

26.62

Seed

26.63 Ipomoea sil. Y.

Seed

26.64

Seed

Haiti, Gros Morne Bature
E C Leonard 10015 2/17 26.

California (France)
Anna W. Kidder #1 3/13
" (Germany)
" #2
" (Origin unknown)
" #3
"
" #4

Mexico, Hacienda Zacuapam, Huatusco, Ver.
C. a. Purpus

Mexico
C a Purpus 10579

Canada, Craigmyle Dist.
A H Brinkman #1831? July 11, 1925

Arizona, Open desert S.E. of Tucson between the Santa Rita Mts. Continental and
G J Harrison & a R Seding

California, the Desert Garden, Escondido
W J Beecroft

California, San Gordonio Pks between White water & Cabazo
L R Abrams

Mexico, Vera Cruz
C a Purpus in 1925

Long Island
Minna Marshall

Haiti, St. Michel (planted March 16, 1926)
E C Leonard 8529 1/2 26.

Haiti, St. Michel
" 7084a 11/17 25

Haiti; St. Michel
" 7074 11/17 25

26-65 Phaseolus lunatus L. (Seed

26-66 Ipomoea quinquefolia L. (Seed)

26-67 (Seed)

Dead 5/14/26

26-68 Ipomoea meyeri (Spreng) G. Don. (Seed)

26-69 1 Seed.

26-70 (Seed)

26-71 (Seed)

26-72 Dioon pinni

26-73 Alstroemeria

26-74 Passiflora pinnatistipula Cav.

26-75 Echeveria

26-76 Tillandsia

26-77 Echinocereus

26-78 Echinocereus

26-79 Ferocactus

26-80 Dudleya

Haiti. St. Michel 12/26 '26
E C Leonard 8484

Haiti, St. Raphael 12/3 '26
" 7703

Haiti, St. Raphael 12/3 25
" 7699

Haiti, St. Raphael 12/3 25
" 7675

Haiti, St. Michel 12/26 25
" 8497

Haiti. Ennery 1/2 26
" 8765

Haiti, St. Michel 1/1 26
" 8517

Mexico. Pimpus 1925
See 25. 378

Chile. La Prado
Claude Joseph 2826 } Removed from #26.4 & 26.5, A W Kidder's nos.

Peru
Herrera

Texas, Brownsville
B C Tharp

"
B C Tharp

Texas, Brownsville Apr 17.
Robert Runyon

"

"

Arizona near Kingman Apr 30
Mr. Chas. Ely.

Arizona. Southwestern Arboretum
Boyce Thompson #1

26-81	Echeveria (native of Mexico)	Arizona, Smithsonian Arboretum
26-82	Graptopetalum rusbyi	Bayce Thompson #2
26-83	Lophophora williamsii	" " #3
26-84	Echinocereus stramineus	Texas Houston May 4
26-85	Echinomastus	Col. M. L. Crimmins
26-86	Neomammillaria macdougalii	New Mexico, Hot Springs Apr. 27
26-87	Coryphantha viripera	Herbert L. Potter
26-88	Echinocereus bailayi	Texas, El Paso
26-89	Echinocereus	"
26-90	Acer rubrum L.	Arizona, Sells, Bureau of Plant Industry May 4
26-91	Dudleya collomae	Frank A. Thackery
26-92	Crassula arborescens	Oklahoma May 3
26-93	Ferocactus covillei B+R.	Robert F. Manda
26-94	Ferocactus wislizenii (Engelm.) B+R.	"
26-95	Neomammillaria macdougalii Rose	"
26-96	Echinocereus rigidissimus (Engelm.) Rose.	"
		Virginia, Clarendon.
		Ralph B.
		Arizona, Payson May 4
		Rose E. Callona
		Florida
		Blake.
		Arizona, Sells June 1
		Frank A Thackery
		"
		"
		"
		"

26.97 Coryphantha aggregata (Engelm.) B & R

26.98 Echinomastus erectocentrus (Coult.) B & R

26.99 Echinocereus rigidissimus Rose.

26.100 Coryphantha aff. aggregata

26.101 Echinomastus erectocentrus

26.102 Cephalocereus senilis

26.103 Dudleya collomae

26.104 Tradescantia macrantha

26.105 Sempervivum palmense

26.106 Zephyranthes carinata

26.107 Coryphantha vivipara

26.108 Opuntia polyacantha

26.109

26.110 Echinocactus
died Oct 1926

26.111 Mammillaria

26.112 Cereus geometrizans

Arizona, Sells. June 1
Frank A. Thackery.
"
"

Arizona Sells Baboquivari Mts. June 8
M. French Gilman #1
"
" #2
"
" #3.

Mexico June 9
L S M Scott.

Arizona, Payson June 16
Mr. W. B. Collom.

Texas?
Record lost.

Spain Gibraltar. June 11
Seed rec'd from D. Fairchild, Yacht Utowana.
Inspection home.

Cult. June 11
E C. Powell

Kansas Trihms June 26
C. R. Ball
"
"

New Jersey, West Orange (Cult.) June 26
R F. Manda #1
"
" #2
"
#3
"

26.113 Echinocactus monvillei.	New Jersey, West Orange (Cult.) R.F. Manda	June 26.
26.114 Echinocactus wislizeni	"	
26.115 Echinocactus grusonii	"	
26.116 Ankalonium williamsii	"	
26.117 Echinocactus setispinus	"	
26.118 Mammillaria longimamma	"	
26.119 Echinocactus ingens.	"	
26.120 Mesembryanthemum pseudotruncatellum	"	
26.121 Echinocereus coccineus	New Mexico. near Santa Fe. C.R. Orcutt	June 20
26.122 Echinocereus viridiflorus	"	
26.123 Coryphantha neomexicana	Texas, near Fort Davis.	
26.124 Coryphantha vivipara	Texas, Forestburg W a Bridwell	
26.125 Rhipsalis	Jamaica WR Maxon 9314.	
26.126 Dudleya	California, Monterey Co. south side of Pico Blanco Macdougal.	
26.127 Dudleya macdougalii	" north fork of Little Sur River	
26.128 Dudleya goldmanii	" head of the Little Sur River	

26.129 Ferocactus johnsonii Britt & Rose.

26.130 Ferocactus acanthodes Britt & Rose.

26.131 Echinocereus fendleri

26.132 Neomammillaria grahamii

26.133 Aporocactus flagelliformis

26.134 Opuntia basilaris

26.135 Opuntia hystricina

26.136 Echinocereus caespitosus

26.137 Echinocereus pectinatus

26.138 Opuntia

26.139 Ferocactus johnsonii (red of 26.129)

26.140 Opuntia atrispina

26.141 Opuntia macdougalii Rose

26.142 Opuntia tortispina Engelm.

26.143 Opuntia tortispina Engelm.

26.144 Coryphantha echinus (Britt. & Rose)

New Jersey Orange (Arizona)
Manda #1
" "
" " (Arizona)
" "
" " (Arizona)
" "
" " (Arizona)
" "
" " Arizona
" " No 1
" "
" "
" "
" "
" Texas
" #2.
" Arizona
" #1 (red)

Texas, June 10.
E. Mortensen #1
" Leakey
" #2
" Fort Worth
" #3
" "
" #4
" Uvalde
" #6

26.145 Opuntia

26.146 Beschorneria

26.147 Urceolina

26.148 Agave sartorii

26.149 Nemastylis

26.150 Cypella peruviana Baker

26.151 Zephyranthes Candida. Kellys Type

26.152 Boschorneria?

26.153 Opuntia fragilis

26.154 Sedum Kearsleii Davidson

26.155 Leucophyllum

26.156 Leucophyllum

26.157 "

26.158 Agave utahensis Engelm

26.159 Euphorbia

26.160 Dioon tuberculatum

Texas Douglas
E. Mortensen #7.

Mexico, Zacatecas
C.A. Purpus 16669

Mexico, Zacatecas.
C.A. Purpus.

Rio Blanco, Peru - Macbride & Featherstone 829

Mito, Peru " " 1924

Peru T. L. Herman

Zacatecas, Mexico
C.A. Purpus Aug. 1926

Huron Mountain Club Marquette Co. Mich.
V. Barley Aug 26, 1926

Zy of Bishop Creek Irrg. Co. Col.
Mr. Kearsley (3621). 1926

Peru (Dist. Cuzco)

Peru " "

Mexico " "

Grand Canyon, Ariz. G.E. Sturdevant Sept. 10, 1926
U.S. Botanical Gardens

South Mexico
Mr. Purpus 1926

26.161 Agave sartorii

26.162 Agave moradorensis

26.163 Eugenia uniflora

26.164 Hymenocallis crandallii

26.165 Tradescantia flumensis Vell.

26.166 Agave

26.167 Bryonesia

26.168 Sedum praealtum

26.169 Graptopetalum

26.170 Opuntia stanleyi Engelm.

26.171 Opuntia trichophora

26.172 Opuntia phaeacantha Engelm.

26.173 Echinocereus polyacanthus Engelm.

26.174 Opuntia leptocaulis DC

26.175 Opuntia leptocaulis DC

26.176 Opuntia leptocaulis DC

Tacuban Mexico 1926
C. A. Purpus
"
"
"
No data
"
Yucatan 1925
E. L. Crandell.
Green House plant
"
Chiapas 1925
Dr Purpus
L. H. Bailey.
"
Salem, Ohio
Arizona
Green House
New Mexico, Santa Fe Aug 27 1926
Bro Arsène #1
"
" #2
"
" #3
"
" #4
" Santa Rosa
" #6
"
" #7
"
" #8.

26·177 Opuntia stanlyi Englem.

26·178 Opuntia phaeacantha Engelm

26·179 Opuntia phaeacantha Engelm

26·180 Opuntia polyacantha Haw.

26·181 Echinocereus polyacanthus Engelm.

26·182 Opuntia polyacantha Haw.

26·183 Echinocereus viridiflora Engelm.

26·184 Echinocereus polyacanthus Engelm.

26·185 Coryphantha neomexicana (Engelm) B&R.

26·186 Opuntia viridiflora Britt & Rose.

26·187 Echinocereus triglochidiatus Engelm.

26·188 Opuntia polyacantha Haw. Dead Nov 4. 1926

26·189 Echinocereus triglochidiatus Engelm.

26·190 Coryphantha neomexicana (Engelm) B&R.

26·191 Coryphantha neomexicana (Engelm) B&R.

26·192 Opuntia polyacantha Haw

N. Mexico, Santa Fe Aug 27. 1926

Bro Arsène #9.

" " #10

" " #11

" " #12

" " #14

" " #15

" " #16

" " #17

" " #18

" " #19

" " #20

" " #21

" " #22

" " #23

" " #24

" " #26

26·193 Echinocereus triglochidiatus Engelm.

26·194 Echinocereus polyacanthus Engelm.

26·195 Opuntia imbricata DC.

26·196 Opuntia polyacantha Haw.

26·197 Echinocereus polyacanthus Engelm.

26·198 Opuntia polyacantha Haw.

26·199 Neomammillaria meiacantha (Engelm.) B&R

26·200 Echinocereus viridiflora Engelm.

26·201 Echinocereus triglochidiatus Engelm.

× 1
26·202 Otypolis

26·203 Epithelantha

26·204 Echinocactus

26·205 "

26·206 "

26·207 "

26·208 "

New Mexico, Santa Fe Aug 27, 1926.
Bro. Arsène # 27
" " # 28
" " # 29
" " # 30
" " # 31
" " # 32
" " # 33
" " # 34
" " # 35
W. Va. 2 mi S of Rowlesburg (Rowlesburg road) 1400-1500 ft. Alt.
(Intersection of N.W. Highway &
C.S. Steele Sept 28, 1926
V. Brandegee
" "
" "
" "
" "
" "

26.209	Echinocactus	V. Mander
26.210	Mammillaria	" "
26.211	" "	" "
26.212	Ferocactus	Mex. Embry.
26.213	Neomammillaria	" "
26.214	"	" "
26.215	"	" "
26.216	Anhalonium williamii	" "
26.217	Cephalocereus senilis	" "
26.218	Claytonia parvifolia	California Aug 2, 1926
26.219 ✓	Rhoeo Dead Nov 4. 1926	D.T. MacDougal.
26.220	Hymenocallis	Oct. 19, 1926
26.221	Selum Nevii	J. M. Blake
26.222	Hoffmanseggia jamesii (seed)	Yucatan 1925
26.223	Wisteria	E. L. Crandall.
26.224	Morongia campestris	Texas Tharp 4402
		D.C. J. N. Rose
		Texas Tharp 4382

26.225 Echinocactus johnsoni

26.226 Peneocereus gregii

26.227 Harrisia tonplandii

26.228. Sempervivum sotaliferum.

26.229. " tectorum
violaceum

26.230. " fimbriatum

26.231. " arachnoides

26.232. Crassula #1.

26.233. Sedum. #2.

26.234. Crassula #3

26.235. Polypodium phyllitidis

26.236. Epidendrum cochleatum.

26.237 Opuntia macrocentra

26.238 Neomammillaria johnstonii

26.239 Neomammillaria Lloydii

26.240 Sedum nevii Wurm-Eaton #5

27.1 Begonia heracleifolia

Polypodium phyllitidis. D & L

Epidendrum cochleatum

Fort Myers, Florida,

coll. Mrs. Florence A. Standley

N.Y. Bot. Garden

N.Y. Bot. Garden

Florida, Fort Myers Mrs. Florence a. Standley

Florida, Fort Myers Mrs. Florence a. Standley

New Mexico, Mountain Park
James Allen.

Köln. Germany (cult.)
Fr. Bödeker

"

"

Mexico, Chiapas on rocks in moist shady places
ca. Pumpus

26.225	Echinocactus johnsoni		Arizona Desert Botanical Garden. C R. Orcutt
26.226	Peneocereus greggii		Mexico, Gomez Palacio Theo. Schwarz — oct. 20.
26.227	Harrisia tomlandii		Calif. Cult. Los Angeles H M. Wegener — oct 12.
26.228.	Semperviuum sobaliferum.		N.Y. Bot. Garden.
26.229.	" tectorum		N.Y. Bot. Garden.
	violaceum		
26.230.	" fimbriatum		N.Y. Bot. Garden
26.231.	" arachnoides		N.Y. Bot. Garden
26.232.	Crassula	#1.	
26.233.	Sedum.	#2.	
26.234.	Crassula	#3	
26.235.	Polypodium phyllitidis		Florida, Fort Myers Mrs. Florence a. Standley
26.236.	Epidendrum cochleatum.		Florida, Fort Myers Mrs. Florence a. Standley
26.237	Opuntia macrocentra		New Mexico, Mountain Park James Allan
26.238	Neomammillaria johnstonii		Köln. Germany (cult.) Fr. Bödeker
26.239	Neomammillaria floydii		"
26.240	Sedum nevii wurm-Epatum D.S.		"
27.1	Begonia heracleifolia		Mexico, Chiapas on rocks in moist shady places C.A. Purpus

27.2 Begonia ricinifolia

27.3 Begonia

27.4 ~~Sedum~~ Dudleya

27.5 ~~Sedum~~ Dudleya

27.6 ~~Sedum~~ Dudleya

27.7 ~~Sedum~~ Dudleya

27.8 Notholaena sinuata ✓

27.9 Notholaena sinuata ✓

27.10 Cheilanthes wrightii ✓

27.11 Notholaena sinuata ✓

27.12 Cheilanthes wrightii ✓

27.13 Opuntia polyacantha Haw.

27.14 Opuntia macrorhiza Engl.

27.15 Opuntia tortispina Engl

27.16 Opuntia tortispina Engl.

27.17 Coryphantha arizonica

Mexico, Chiapas on rocks, hot shade, moist soil
C.A. Purpus.

" Vera Cruz on rocks
"

Arizona Sierra Estrella South of Phoenix
T.H. Kearney

"

"

"

"

"

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"

"

"

"

"

Colorado, Fort Collins.
Mrs. L.L. Roller by Mr Johnson.

Oklahoma on timbered ridges in clay soil.

" on hard rocky soil.

" Jefferson highway, Chimney Mountains

"

" on large rocks.

"

Arizona, near Twin Buttes, Pima Co. Jan 15.
E.B Bartram

27.18 Coryphantha arizonica	Arizona, near Twin Buttes, Pima Co. Jan 15. E.B. Bertram.
27.19 Echinocactus sobrensis	Chile, Santiago Alfredo Fas & Dr. Aldrich.
27.20 Hymenocallis	Yucatan E. L. Crandall
27.21. Hymenocallis?	Yucatan E. L. Crandall
27.22. Crinum	Yucatan E. L. Crandall
27.23. P.	Yucatan E. L. Crandall
27.24. ?	Yucatan E. L. Crandall
27.25 Sempervivum schottii	France: W. R. Lucas
27.26 Sempervivum requienii	France: W. R. Lucas
27.27 Sempervivum pulchellum	France: W. R. Lucas
27.28 Sempervivum murale	France: W. R. Lucas
27.29 St. Sempervivum sabaudum	France: W. R. Lucas
27.30 Homalocephala texensis	Texas: Sandy plains near Post City Jan. 1927. Albert Ruth. 146a
27.31 Lithops mundii Fricke	Germany. Mahlsdorf Cult. W. Mund.
27.32 Lithops pseudotruncatella Berger.	"
27.33 Anacampseros tomentosa Berger.	"
	"
	"

27.34 Jatropha abyssinica

27.35 Cassia alata
(Seed)

27.36 Passiflora
(Seed)

27.37 Chamaecrista
(Seed)

27.38 Pachyrrhizus erosus L. Urb.
(Seed)

27.39 Galactia tenuiflora Urb.
(Seed)

27.40 Indigofera viscosa Lam.
(Seed)

27.41 Teramnus uncinatus (L.) Sw.
(Seed)

27.42 Mirabilis jalapa L.
(Seed from plants with pale flowers.)

27.43 Acacia
(Seed)

27.44 Mimosa biuncifera
(Seed)

27.45 Neomammillaria grahamii

27.45a Neomammillaria microcarpa Br. & R.
Seed

27.46 Coryphantha arizonica

27.47 Echinocereus rigidissimus

27.48 Coryphantha arizonica

Blake #1.

Mexico. Monserrate
C.A. Purpus

Brazil
Chase 9548.

Haiti, Mt La Mine, St Michel.
Leonard 7228

Haiti, Abolange Plantation St Michel.
Leonard 7173.

Haiti, Mt La Mine, St Michel.
Leonard 7328.

Haiti, Mt La Mine, St. Michel
Leonard 7331.

Haiti, Mt La Cicher St Michel
Leonard 7612a.

Haiti, Emmers
Leonard Jan 1926 no. #

Arizona Nov 15, 1926
E.B. Bartram

Arizona Jan. 22, 1927.
E.B. Bartram

Arizona, Twin Buttes, Pima Co. Jan 26, 1927
E.B. Bartram.

"

"

"

"

Arizona, Texas Canyon, Dragoon Mts, Cochise Co.

"

"

"

27.49 Echinocereus fendleri	Arizona, Texas Canyon, Dragoon Mts, Cochise Co. C.B. Bartram
27.50 Ferocactus	Arizona "
27.51 (seed) Dudleya	California Santa Ana Canyon 35 mi S.E. Los Angles. Ernest Braunton.
27.52 Dudleya	California " "
27.53 Mammillaria haumii	Köln Germany Fr. Bödeker.
27.54 Leucaena palmeri	Mexico, Western M.G. Ortega 6627
27.55 Dudleya	California; San Diego Co. Imperial Beach. San Diego 14 mi S of L.H. Bailey
27.56 Opuntia bigelovii Engelm	California, San Diego Co. L.H. Bailey.
27.57 Dudleya collomae	Arizona, Payson. Rose E. Callom. " " " "
27.58 Agave	
27.59 Ferocactus	
27.60 Neomammillaria mainae	Arizona, Baboquivari Mts. Mr. M. French Gilman 1
27.61 Neomammillaria oliviae	"
27.62 Neomammillaria viridiflora B&R.	" + 2 "
27.63 Neomammillaria microcarpa	" + 3 "
27.64 Ferocactus	" + 4 California S.B. Parish

27.65 Neomammillaria oliviae Seed.	Arizona; Baboquivari Mts. M. French Gelman #2
27.66 Amaryllis belladonna	Africa, Cape Town R. Marloth.
27.67 Testudinaria glauca	"
27.68 Bergerocactus emoryi	"
27.69 Ferocactus johnsonii white spines.	California, Canyon near La Jolla along Sea L. H. Bailey. Feb. 24
27.70 Ferocactus johnsonii red spines	Arizona E. C. Rust
27.71 Roseocactus lloydii (Rose) Berger.	"
27.72 Roseocactus lloydii (Rose) Berger	"
27.73 Opuntia	Mexico (northern) A. F. Moeller #1
27.74 Coryphantha	" #2.
27.75 Epithelantha micromeris	" #3
27.76 Astrophytum asterias	" #4
27.77 Escobaria lloydii	" #6
27.78 Echinofossulocactus multicostatus	" #7.
27.79 Echinofossulocactus multicostatus	" #8
27.80 Thelocactus bicolor B & R.	" #9
	" #10
	" ± 2

27.81	Dudleya pulverulenta	California, Canyon near La Jolla along sea. Feb. 24 L. H. Bailey
27.82	Stylophyllum edule	" "
27.83	Stapelia variegata	" Australia (not from Australia but from the botanical garden at Sydney probably) com. Edwin Ashby.
27.84	Stapelia hirsuta	" # 10
27.85	Echeveria imbricata	" " # 14
27.86	Cotyledon macranthum	" " # 3
27.87	Stapelia grandiflora	" " # 20
27.88	Stapelia maculosoides	" " # 16
27.89	Stapelia revoluta	" " # 13
27.90	Stapelia atro-purpura	" " # 12
27.91	Stapelia hanburyana	" " # 11
27.92	Echeveria purpusii	" " # 15
27.93	Kalanchoe marmorata	" " # 6
27.94	Echeveria gusonii	" " # 18
27.95	Kalanchoe somaliensis	" " # 1
27.96	Echeveria secunda-glauca	" " # 19
		" " # 2

27.97 Echeveria bracteolata

27.98 Echeveria retusa - floribunda

27.99 Echeveria

27.100 Echeveria

27.101 Echeveria gibbiflora - metalica

27.102 Sedum

27.103 Sedum

27.104 Stylophyllum

27.105 Dudleya grandiflora Rose

27.106 Opuntia

27.107 Echinocereus

27.108 Neomammillaria

27.109 Neomammillaria

27.110 Echinocereus viridiflorus

27.111 Coryphantha neomexicana

27.112 Echinocereus

Australia

Edwin Ashby. # 4.

" " # 7.

" " # 8

" " # 9

" " # 5

lives out all winter on Buttermit St near Walter Reed Hospital in a concrete urn no protection collected later part of Feb. by W. R. Lucas

California

Ernest Braunton

California. grassl pit between Garnett & Widewater Pacific Ry. near Sorrelum

Frank A. Thackery.

New Mexico, Las Vegas.

Bro. Arsene 39.

" — Note

" 40. # 38 # 44 + 46 were dead.

" 41. (= 42)

" 42

" 43

" 45

" 47

27.113 Opuntia

27.114 Opuntia polyacantha

27.115 Echinocereus

27.116 Echinocereus

27.117 Echinocereus

27.118 Coryphantha neomexicana

27.119 Echinocereus

27.120 Echinocereus

27.121 Caesalpinia (Seed)

27.122 (Seed-red bean)

27.123 Echinocactus johnsoni lutescens
=27.64

27.124 Piptadenia peregrina

27.125 Opuntia

27.126 Sempervivum haworthii

27.127 Sempervivum haworthii

27.128 Dudleya

New Mexico
Bro Arsène 48(=39)
" 49
" 50
" 51
" 52
" 53 (=44)
" 54 (=43)
" 55 (=43)

Jamaica
Orcutt 136
" 144

Nevada, near Searchlight.
M.E. Jones & S.B. Parish.

Porto Rico
Britton 7986.

Argentina
Comber 3 % a Hill of Sons

California
W.D. Beecroft
"
"
"

27.129 Sedum pachyphyllum

27.130 Sedum aureum ?

27.131 Crassula lycopodioides

27.132 Senecio pugioniformis

27.133 Phellosperma tetrancistra (Engelm) B&R

27-134 Acanthocereus

27.135 Phellosperma tetrancistra (Engelm) B&R

27.136 Cassia

27.137 Mesembryanthemum adscendens

27.138 (orchid.)

27.139

27.140

27.141 Lemaireocereus

27.142 Cephalocereus

27.143 Hylocereus

27.144 Opuntia dillenii

California W. J. Beecroft.

" "

" "

" "

Arizona, near Phoenix.
Mrs. W. B. Collom.

Florida Dr L. C. Corbett

Arizona
Mrs. W. B. Collom.

Africa, French Guiana, Konakry, Fove Caracla ... March 16, 27
Mr. David Fairchild. S.P.I. 70899 F.H.B 67350.

Uruguay
Mr. Luis Guillot S.P.I. 66812.

Mexico; Achotla, Guerrero Jan. 1927
B.P. Rhio 5V 26

" "5125

" Cerro del Gallo "5123

" Achotla " 5112

" Rio ___? " 5127

" Achotla " 5122

Florida, Siesta Key, just below Sarasota
Henry Goodman.

27.145 Harrisia simpsonii — Florida, Siesta Key, just below Sarasota.
Henry Goodman.

27.146 Hechtia — Mexico Vera Cruz, common on rocks.
C A Purpus

27.147 Beaucarnea recurvata — Mexico " , common on rocks

27.148 Hamatocactus setispinus Bombay seed. — "

27.149 Begonia hydrocotylifolia O & H. — "

27.150 Begonia — "
aff B. ricinifolia

27.151 Begonia — "

27.152 Echinocereus berlandieri — Texas, S.A.
Mrs. Eugene A Harris

27.153 Neomammillaria — Arizona (northern) Baboquivari Mts.
Edwin B Bartram

27.154 Neomammillaria — " "

27.155 Neomammillaria wilcoxii — "

27.156 Graptopetalum bartramii — " "

27.157 Echinomastus erectocentrus — "

27.158 Cryptantha — "

27.159 Stapelia handburyana — " Texas Canyon, Dragoon Mts.

27.160 Stapelia variegata — "

" " Baboquivari Mts
M. French Gilman.

Harvard Bot. Gard.

"

27.161 Stapelia angulata

27.162 Stapelia sp.

27.163 Euphorbia pentagona

27.164 Malacocarpus tetrapacanthus

27.165 Malacocarpus tredvalatus Fric & Sch.

27.166 Opuntia

27.167 Opuntia

27.168 Agave atrovirens

27.169 Agave sartorii

27.170 Beschomeria

27.171 Agave

27.172 Agave miradorensis

27.173 Dudleya

27.174 Bryonesia weinbergii

27.175 Dioon edule

27.176 Cactus

-

Harvard Bot Gard.

-

"

-

"

Argentina

A. V. Fric.

"

"

Uruguay

3

"

5

Mexico

Purpus.

"

"

"

"

"

"

"

Arizona Mormon Flats, abundant on rocky hillsides

G.Y. Hannein + R.H. Peebles 3892 & TH Kearney.

California, San Francisco (cult)

Eric Walther.

Mexico, Hacienda Zacuapam, Huatusco, Veracruz apr. 21

C.A. Purpus

Colombia, Cicuta 215 m alt. and lands Mar 23

Killip + Smith 21027.

27.127

27.128 Dudleya

27.129 Dudleya pulverulenta

27.130 Malacocarpus sellowii (Link + Otto)

27.131 Opuntia arechavaletai Speg

27.132 Opuntia aurantiaca Lindl

27.133 Echinocereus engelmannii

27.134 Neolloydia texensis Br R.

27.135 Coryphantha pectinata

27.136 Coryphantha pectinata

27.137 Coryphantha echinus.

27.138

27.139 Epithelantha micromeris

27.140 Pachycereus pecten-aboriginum (seed)

27.141 Opuntia parryi

27.142 Opuntia echinocarpa

Columbia, Upper Río Lebrija Valley 700 m. alt. Dec. 29 1926
Killip & Smith 16315

California, Yucumba on Mexican line Apr.
Ernest Braunton. 1004.
" 1005.

Uruguay Apr. 28.
Luis Guillot #1.
" #2.
" #4.

Sent. by William Tell #1. May 5
" #2
" #3
" #4
" #5

Texas
Mrs Eugene A. Harris.

Mexico
Grace M. Cole.

California May, 17.
M.F. Gilman #10.
" #12.

27.143 Echeveria

27.144 Sempervivum.

27.145 Neomammillaria

27.146 Acterophytum asterias Lem.

27.147 Ancistrocactus of brevihamatus

27.148 Hamatocactus setispinus Britt + Rose

27.149 Echinocereus reichenbachii Haage fp.

27.150 Echinocereus

27.151 Escobaria dasyacantha Britt + Rose.

27.152 Lophophora williamsii Coult.

27.153 Ancistrocactus of scheeri

27.154 Ferocactus uncinatus Britt + Rose.

27.155 Echinocereus lecteus ?

27.156 Neomammillaria denudata Britt + Rose.

27.157 Neollaydii texana Britt + Rose

27.158 Neomammillaria

California cult.
Eric Walther.
"
"

Texas, near Marathon. Jan.
Fred H Hall #1.
" hills north of Rio Grande City
" #2.
" 7 mi west of "
" #3.
" 5 mi west of Thompkinsville
" #4.
" near Austin
" #5.
" North of Rio Grande City
#6.
" Near Marathon
" #7.
" Hills north of Rio Grande City
" #8.
" 5 miles west of Tompkins'ville
" #9.
" near Marathon
Edgar Hall #10.
" " "
" #11.
" " "
" #12.
" " "
" #13.
" " Castell
Fred H. Hall. #14

27.159	Wilcoxia tuberosa B&R.	Texas, 5 miles north of Rio Grande City Fred H. Hall #15.	Jan.
27.160	Coryphantha neomexicana Britt & Rose.	New Mexico, near Orogrande C.E. Martin #16.	May
27.161	Ferocactus hamatacanthus Britt & Rose	Texas, near Marathon. Edgar Hall. #17.	Jan.
27.162	Echinocereus	New Mexico, near Orogrande C.E. Martin #18	May.
27.163	Echinocereus	" #19	Jan.
27.164	Echinocereus	Texas, near Marathon Edgar Hall #20	
27.165	Sempervivum haworthii	California Cult. E. Walther	June 4.
27.166	Opuntia	California, Banning M. French Gilman.	
27.167	Neomammillaria heyderi B&R.	Texas, Laredo V. J. Shiner #1	June 2
27.168	Echinocereus pentalophus	" #2	
27.169	Escobaria	" #3	
27.170	Ferocactus hamatacanthus B&R.	" #4	
27.171	Homalocephala texensis B&R.	" #5	
27.172	Hamatocactus setispinus B&R	" #6	
27.173	Dolichothele sphaerica B&R	" #7	
27.174	Ancistrocactus scheeri B&R.	" #8	

27.175 Echinocereus

27,176 Pompeda

27.177 Austrocactus bertinii

27.178 Sansevieria guineensis (Lang) Willd.

27.179

27.180

27.181

27.182

27.183

27.184

27.185

27.186

27.187 Sedum

27.188 Dudleya virens Rose

27.189 Agave

27.190 Hamatocactus setispinus (Engelm) B & R.

Texas, Laredo.
V.J. Shiner #9.
S. Car. near Camden.
Illinois.
Argentina Rio Negro
Dominican Rep.
Wetmore.
NJ Pechskild St Mary's Convent.
Sister Mary Regina #1
" " #2
" " #3
" " #4
" " #5
" " #6
" " #7
" " #8
Mexico
Mrs Anna W. Kidder
"
"
Texas, between Riogrande & Sanfordyce
Robert Runyon.
Texas 5 mi. W. of Thompsonsville
Fred. H. Wall #21
Yucca 27.

27.191 Neomammillaria microcarpa (Engelm) B&R.

27.192 Ferocactus

27.193 Opuntia

27.194 Echinocereus rigidispinus (Engelm) Rose.

27.195 Echinocereus reichenbachii Haage Jr.

27.196 Carnegiea gigantea (Engelm) B&R.

27.197 Coryphantha echinus (Engelm) B&R.

27.198 Echinocereus

27.199 Echinocereus chloranthus Engelm.

27.200 Escobaria tuberculosa (Engelm) B&R.

27.201 Echeveria ~~miscrocrata~~ crenulata

27.202 Coryphantha aff pycnacantha

27.203 Neomammillaria

27.204 Neomammillaria

27.205 Neomammillaria

27.206 Neomammillaria

N. Mex., Near Hachita, (Hyde Park, Floral Co)
C.E. Martin # 22 June
Texas Near Marathon
Edgar Hall # 23 Jan.
N. Mexico, Socorro,
C. E. Martin # 24 June.
Arizona, Tuscon
C.E. Martin # 25 June
Texas, Marathon
Edgar Hall # 26 Jan.
Arizona, Tuscon
C.E. Martin # 27 June
Texas, Marathon
Edgar Hall # 28 Jan.
"
C.E. Martin # 29 June.
"
C.E. Martin # 30 Jan.
"
C.E. Martin # 31 June.
Mexico (Norwood Cult. Ohio)
Belden C. Sauer. July 19.
Mexico, Plains of Orientale, Puebla
Ca. Pumpus # 20. July 20
" —
" # 21
" Plains of Orientale, Puebla
" # 22
" Plains of Real del Monte, Hidalgo
" # 23
" "
" # 24

27.207 Neomammillaria	Mexico, Oaxaca
27.208 Neomammillaria	Ca Purpus 25.
27.209 Neomammillaria mystax (Mart) K+P.	" Real di Monte. Hidalgo
27.210 Neomammillaria.	Ca. Purpus 2 6.
27.211 Neomammillaria	" Plains of Orientale
27.212 Neomammillaria	Ca Purpus -
27.213 Agave	"
27.214 Agave.	"
27.215 Aloe vulgaris	" Perote, Vera Cruz
27.216 Begonia	"
27.217 Echinopsis	" Plains + hillsides of Oriental. Puebla
27.218 Sedum album L.	"
27.219 Manfreda	" hillsides Orientale. Puebla
27.220 Yucca	"
27.221 Achimenes	"
27.222 Agave rigida	" Tehuacan
	"
	Mexico. D.F.
	Gustav. Bassler.
	Md. cult.
	W.B.S. Norton.
	Loc.?
	Popenoe # 3.
	Ga, Whigham
	Eric Hawthorne.
	Jamaica, Montego Bay
	Orcutt 2212.
	Mexica
	Purpus
	Jamaica
	Orcutt.

27.223		
27.224	Opuntia jamaicensis	Jamaica C.R. Orcutt 2436
27.225	Lemaireocereus	" " 2445
27.226	Cereis arizonicus B&R.	" " 25-31.
27.227	Coryphantha arizonica (Engelm) B&R.	Arizona, Gr. Canyon Glen E. Sturdevant.
27.228	Cactus hassenensis (Weingart)	Arizona Mrs W.B. Collom.
27.229	Echinocereus fendleri.	Cuba Bro Leon.
27.230	Peniocereus greggii	Arizona, Douglas to Tombstone Y.A. Kusche.
27.231	Neomammillaria macrocarpa.	" "
27.232	Neomammillaria macdougalii	" "
27.233	Rhipsalis cassutha	" "
27.234	Mammillaria	Jamaica C.R. Orcutt.
27.235	Mammillaria	Arizona Sells Exp. Sta
27.236		" Oct.
27.237		"
27.238		"

27.239		Arizona - Sells, Exp. Sta.	Oct.
27.240		"	
27.241		"	
27.242		"	
27.243		"	Oct. 27.
27.244		"	
27.245		"	
27.246		"	
27.247		Calif. Alhambra E.C. Rost 709 N. Stoneman	Oct 28.
27.248	Neomammillaria bocasana	Texas, Brewster Co. Glen Spring. G.L. Fisher, 610 Hadley Ave. Houston, Tex	Oct 27.
27.249	Cereus tricostatus.	Mexico, Inde Durango. Reko	
27.250	Pleurothallis	California H.M. Wegener 212 E 24th St Los Angeles.	
27.251 (ambid)		Mexico. Purpus	
27.252	Stelis	"	
27.253		"	
		"	
		"	
		"	
		"	

from 27.246
E.C. Rost.
709 N. Stoneman
Alhambra
Calif

27.254
(Orchid)
27.255 Plemorthallis

27.256
(Orchid)
27.257
Orchid
27.258
Orchid)
27.259 Wilcoxia poselgeri

27.260 Opuntia leptocaulis

27.261 Agave

27.262 Agave americana.

27.263 Manfreda variegata

27.264 Echinocereus

27.265 Aloe

27.266 Manfreda

27.267 Manfreda

27.268 Opuntia schottii

27.269 Stapelia variabilis

Mexico
Pampas.
"
"
" on branches.
"
"
"
"
Texas, Laredo Nov 29.
V.J. Skinner #10
"
" #11
"
" #12
"
" #13
"
" #14
"
" #15
"
" #16
"
" #17
"
" #18
"
" #19
"
" #20

27.270 Schlumbergera russelliana

27.271 Echinocereus reichenbachii

27.272 Hamatocactus setispinus

Texas, Laredo.
V. J. Shiner #21.
"
" #22.
N.Y. Bot Gard. Dec. 29.
Dr N. L Britton

28.1	Dahlia coccinea (bulbs.)	Mexico
28.2	" (seed)	C.a. Pimpus.
28.3	" (seed)	"
28.4	Opuntia	"
28.5	Stapelia variegata crestata	"
28.9	Opuntia opuntia	Col. Los Angeles (cult) Frank Scott
28.10	Opuntia opuntia	"
28.11	Coryphantha neomexicana (Engl) Hoch	"
28.12	Coryphantha arizonica (Engl) Britt + R	Ill. Desplaines R. at Channahon on limestone Ralph O Baird #1
28.13	Coryphantha robustispina (Schott) Britt + R	Ill. Braidwood sidunes " #2
28.14	Echinocactus horizonthalonius Lemaire	N. Mexico (central) Hans Allen
28.15	Dudleya	Arizona, grand canyon. Glen E. Sturdevant Mar. 22
28.16	Harrisia	Arizona. Edwin B. Bartram. Mar. 31.
28.17	~ ~ ~	"
28.18	Dudleya pulverulenta	California, Hospital Rock, Segnoia Nat. Pk. Mar 26 L.R. Abrams
28.19		Dominican Republic near Monteciste Apr. 1. 1928. Miller
		California San Luis Obispo. miss Gertrude Sinsheimer Apr 24.
		"
		"

28.20 Dudleya

28.21 Sedum

28.22 Crassulaceae

28.23 Crassulaceae

28.24 Crassulaceae

28.25 Cactus

28.26 "

Arizona. Sierra Estrella Apr. 19.
R. H. Peebles.

Arizona Mts above Parpon 6000 ft alt. Apr.
Mrs W.S. Collom.

California; San Luis Obispo Co.
Miss Gertrude Sinscheimer.

"

"

"

Cuba. Paul Bartsch July 1925

" " " "

—1929—

29.1 Echinocereus Baileyi Rose

Texas: South of Ranger, Vernon Bailey, coll. May 1, 1929.

1930

30.1 Raiz colorado from Dr. Harrington grow for identification

30.2 Solanum sp. Zuni reservation W. New Mexico, F. H. H. Roberts Aug. 1930

30.3 Nematolyti lycopersici Morton n. sp. bulb from Lycopersicon 271

1931

31.1 Oreoboma kechanensi 6 plants received from Frank Gabrielson on Jan. 25, 1931

1933

33.1	Dudleya collomae Rose	Payson Arizona June 1933 by Wm Collom
33.2	" "	"
33.3	" "	"
33.4	" "	"
33.5	" "	"
33.6	Orcobroma hecksmei Moxley	Trinity Mts. Calif. July 1933 John Heckman
33.7	Sedum obtusatum Gray	"

1934

34.1 Neomamillaria celsiana (Lem.) B+R — Chivela, Oaxaca. Mar. 19, 1934 C.D. Mell, coll. limestone, occurring usually single,
Mell's label reads "On fresh rarely in two's"

34.2 Neomamillaria sp. — Chivela, Oaxaca Apr. 19, 1934 C.D. Mell, coll. sprout from a cluster of a dozen or more. large as a man's hand. They occur on or wet places, occasionally in
Mell's label reads "This is a small The clusters are sometimes on rocks (limestone) either in dry streambeds."

34.3 Dudleya collomiae — near Payson, Arizona, coll by Mrs. Rose E. Ellison Spring 1934
Has pale flowers?

34.4 Dudleya — Little Sycamore Canyon, Santa Monica Mts., Ventura Co., 5 miles from ocean. See note in file of Cosmotos. Coll. Ellen Rooksby, July 1934.

34.5 Dudleya — Data same as preceding
34.6 " — " " " "

1935

35.1 Zamia — Colombia: "High sandstone ridge east of Puerto Berrio, about midway between the Magdalena and Cauca; very abundant here." May 18, 1935. Oscar Haught #1717.

4284