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#### *About the Institute*

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

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

1936

Gossypium Species, Relatives and Hybrids at Riverside

C B

No

ROW 1

564 ... *G. sturtii*  
393 ... *G. nanking*  
1081 .. *G. sp.* (Africa)  
422 ... *G. cernuum*  
824 ... *G. nanking*  
W14 ... *G. africanum*  
422 ... *G. cernuum*  
824 ... *G. nanking*  
785 ... *G. neglectum*  
1068 .. *G. transvaalense*  
W123 .. *G. sanguineum-africanum* (W45) x *africanum* (419)  
W124 .. *G. sanguineum-africanum* (W45) x *sanguineum* (787)  
W125 .. *G. herbaceum-neglectum* (W48) x *herbaceum* (743)  
619 ... *G. intermedium*  
524 ... *Alyogyne hekeaeifolia*  
101 ... *G. davidsonii*

C B

No

ROW 2

743 ... *G. herbaceum*  
619 ... *G. intermedium*  
1046 .. *G. sp.* (Green seeded)  
W99 ... *G. sanguineum* (787) x *G. stocksii* (763)  
1068 .. *G. transvaalense*  
1061 .. *G. sp.* (E. Transvaal, Africa)  
1062 .. *G. sp.* (E. Transvaal, Africa)  
1068 .. *G. transvaalense*  
1061 .. *G. sp.* (E. Transvaal, Africa)  
1062 .. *G. sp.* (E. Transvaal, Africa)  
1068 .. *G. transvaalense*  
393 ... *G. nanking*  
1045 .. *G. sp.* (Green seeded)  
329 ... *Thespesia lampas*  
527 ... *G. tomentosum* .....cutting  
743 ... *G. herbaceum*  
861 ... *G. harknessii*  
620... *G. arboreum*  
W40 ... *G. sturtii* (564) x *G. armourianum* (867)..cutting

C B

No

ROW 3

716 ... G. hopi  
1046 .. G. sp. (Green seeded)  
W24 ... G. hirsutum (acala 9th inbred gen.)  
W24 ... " " " " " "  
1073 .. G. barbadense ?  
1064 .. G. sp. (Madagascar)  
1058 .. G. hirsutum?  
1063 .. G. sp. (Zanzibar)  
541.... G. patens  
W82 ... G. hirsutum (723) x G. sturtii (632)  
1071 .. G. sp. (Dutch Guiana)  
1071 .. " " " "  
1072 .. G. sp. (Dutch Guiana)  
W111 .. G. herbaceum (743) x G. sturtii (632)..cutting  
1073 .. G. barbadense?  
1057 .. G. hirsutum?  
1045 .. G. sp. (Green seeded)  
716 ... G. hopi  
1085 .. G. sp. (Chaco cotton)  
564 ... G. sturtii

C B

No

ROW 4

SB 105 Sphaeralcea abutiloides  
SB 210 Sphaeralcea umbellata  
SB 229 Pavonia praemorsa  
SB 59. Sphaeralcea emoryi f. purpurea  
SB 228 Melvastrum fragrans  
SB 229 Pavonia praemorsa  
W5 ... G. barbadense (1st. inbred gen)  
542... G. contextum  
541... G. patens  
716... G. hopi  
1051.. G. anomalum  
W15... G. cernuum  
W15... G. cernuum  
W1.... G. barbadense-schottii (W46) x anomalum (1051)  
W64... G. hirsutum (Red acala) (1 inbred)  
1059.. G. hirsutum?  
1060.. G. hirsutum?  
1053.. G. hirsutum?  
1050.. G. hirsutum?  
W2.... G. sanguineum (787) x G. sturtii (632)??  
1088.. G. barbadense?  
W10... G. davidsonii (101) x G. klotzschianum (700)  
700... G. klotzschianum  
700... " "  
1067.. G. sp. (British Guiana)

C B

No

ROW 5

SB 204 *Sphaeralcea rivularis*  
SB 251 *Sphaeralcea miniata rhombifolia*  
527... *G. tomentosum*  
1078.. *G. sp. (Colombia)*  
1079.. *G. sp. (Colombia)*  
W41... *G. harknessii* (861) x *G. armourianum* (867)  
W39... *G. sturtii* (564) x *G. harknessii* (861)  
W39... " " " " " "  
W35... *G. sturtii* (564) x *G. harknessii* (861)  
W35... " " " " " "  
W39... *G. sturtii* (564) x *G. harknessii* (861)  
W52... *G. sturtii* (564) x *G. harknessii* (861)  
1087.. *G. hirsutum (acala)*  
W48... *G. herbaceum* (743) x *G. neglectum* (785)  
W48... " " " " " "  
W59... *G. davidsonii* (101) x *sturtii* (632) cutting  
W23... *G. barbadense* (Pima 20 inbred gen.)  
723... *G. hirsutum*  
W15... *G. cernuum*  
694... *G. sp. (Wild Florida)*  
551... *G. auritum*  
531... *G. purpurascens*  
W58... *Thurberia* (112) x *G. sturtii* (632) cutting  
873... *G. bresiliense*  
709... *G. darwini*

C B  
No

ROW 6

763 ... *G. stocksii*  
W5 .... *G. barbadense* (1st inbred gen.)  
W23 ... *G. barbadense* (Pima 20th inbred gen.)  
W64 ... *G. hirsutum* (Red acala, 1st. inbred gen.)  
WB1 ... *G. hirsutum* (W64) x *G. sturtii* (632)  
W43 ... *G. hirsutum* (W24) x *G. armourianum* (867)  
W43 ... " " " " " "  
WB1 ... *G. hirsutum* (W64) x *G. sturtii* (632)  
WB0 ... *G. hirsutum* (W64) x *G. tomentosum* (527)  
W56 ... *G. contextum* (542) x *G. armourianum* (867)  
W34 ... *G. hirsutum* (W24) x *G. armourianum* (867)  
W34 ... " " " " " "  
W57 ... *G. barbadense* (W5) x *G. sturtii* (632)  
W50 ... *G. hirsutum* (723) x *G. barbadense* (W23)  
W50 ... " " " " " "  
W51 ... *G. contextum* (542) x *G. schottii* (672)  
W80 ... *G. hirsutum* (W64) x *G. tomentosum* (527)  
W26 ... *G. contextum* (542) x *G. hopi* (716)  
W26 ... " " " " " "  
112 ... *Therberia thespesioides*  
646 ... *G. cultivated American* x *Cul. Asiatic..cut*  
W45 ... *G. sanguineum* (787) x *G. africanum* (419)  
W45 ... " " " " " "  
W78 ... *G. peruvianum* (662) x *G. darwinii* (702)

C B

No

ROW 7

W41-1.. *G. harknessii*-*armourianum* (W41) F<sub>2</sub>  
437 ... *G. punctatum*  
W28 ... *G. barbadense* (W23) x *G. tomentosum* (527)  
1083 .. *G. tridens*  
1084 .. *G. evertum*  
W35 ... *G. barbadense* (W5) x *G. harknessii* (861)  
W39 ... *G. barbadense* (W23) x *G. harknessii* (861)  
W38 ... " " " " " "  
1038 .. *G. sp.* (Tanguis cotton)  
W54 ... *G. barbadense* (W23) x *G. punctatum* (437)  
W33 ... *G. barbadense* (W5) x *G. sturtii* (564)  
W33 ... " " " " " "  
W57 ... *G. barbadense* (W5) x *G. sturtii* (532)  
W82 ... *G. hirsutum* (723) x *G. sturtii* (532)  
W139 ... *G. hirsutum* (W24) x *G. sturtii* (532)  
W95 ... *G. purpurascens* (531) x *G. tomentosum* (527)  
W46 ... *G. barbadense* (W23) x *G. schottii* (572)  
W46 ... " " " " " "  
W95 ... *G. purpurascens* (531) x *G. tomentosum* (527)  
W58 ... *Thurberia* (112) x *G. sturtii* (532) cutting  
W33 ... *G. barbadense* (W5) x *G. sturtii* (564)  
W43 ... *G. hirsutum* (W24) x *G. armourianum* (867)  
W25 ... *G. hirsutum* (723) x *G. sp.* (Brown mahaux 204a)  
672 ... *G. brasiliense*  
W55 ... *G. contextum-hopi* (W26) x *G. anomalum* (1051) ?

C B

No

ROW B

763 ... *C. stocksii*  
527 ... *C. tomentosum*  
527 ... *C. tomentosum*  
W28 ... *C. barbadense* (W23) x *C. tomentosum* (527)  
W5 .... *C. barbadense* (1st. inbred gen.)  
W23 ... *C. barbadense* (Pima, 19th inbred gen.)  
W95 ... *C. purpureascens* (531) x *C. tomentosum* (527)  
W136 .. *C. hirsutum-barbadense* (W50) F<sub>2</sub>  
W25 ... *C. hirsutum* (723) x *C. sp.* (Brown mahaux 204a)  
W49 ... *C. barbadense* (W23) x *C. schottii* (672)  
551 ... *C. auritum*  
702 ... *C. darwinii*  
696 ... *C. darwinii*  
W50 ... *C. hirsutum* (723) x *C. barbadense* (W23)  
672 ... *C. schottii*  
204a .. *C. sp.* (Brown mahaux)  
1065 .. *C. sp.* (polyembryonic large plant)  
672 ... *C. schottii*  
673 ... *C. brasiliense*  
662 ... *C. peruvianum*  
662 ... " "

C B  
No

ROW 9

W12 ... *G. hirsutum* (Rowden lintless, 1st inbred gen.)  
W21 ... *G. hirsutum* (W64) x *G. cernuum* (W15)  
1084 .. *G. evertum*  
1083 .. *G. tridens*  
W28 ... *G. barbadense* (W23) x *G. tomentosum* (527)  
W33 ... *G. barbadense* (W5) x *G. sturtii* (564)  
531 ... *G. purpurascens*  
531 ... " "  
551 ... *G. auritum*  
W80 ... *G. hirsutum* (W64) x *G. tomentosum* (527)  
W36 ... *G. barbadense* (W5) x *G. harknessii* (861)  
524 ... *Alyogyne hakeaeifolia*  
694 ... *G. sp.* (Wild Florida)  
421 ... *G. jamaicense* f. *glabrata* ?  
W59 ... *G. davidsonii* (101) x *G. sturtii* (632)  
W16 ... *G. sp.* (Wild Florida)  
W51 ... *G. contextum* (542) x *G. schottii* (872) cutting  
W58 ... *Thurberia* (112) x *G. sturtii* (632)  
W31 ... *Hibiscus brackenridgii*  
W78 ... *G. peruvianum* (662) x *G. darwinii* (702)  
709 ... *G. darwinii*  
W31 ... *Hibiscus brackenridgii*

C B

No

ROW 10

674 ... *G. kirkii*..... cutting  
W56-1.. *G. contextum-armourianum* (W56) F<sub>2</sub>  
W29 ... *G. hirsutum* (722) x *G. tomentosum* (527)  
W36-1.. *G. barbadense-harknessii* (W36) F<sub>2</sub>  
437 ... *G. punctatum*  
674 ... *G. kirkii* .....cutting  
674 ... " " "  
531 ... *G. purpurascens*  
524 ... *Alyogyne hakesefolia*  
651 ... *Shantzia garckeana* .....root cutting  
651 ... " " " "  
339 ... *Thespesia lampas*  
339 ... " "  
112 ... *Thurberia thespesioides*  
112 ... " "  
617 ... *Erioxylum aridum*  
617 ... " "  
W95 ... *G. purpurascens* (531) x *G. tomentosum* (527) cutting  
W10 ... *G. davidsonii* (101) x *G. klotzschianum* (700)  
632 ... *G. sturtii*  
564 ... *G. sturtii*

C B

No

ROW 11

W44 ... *G. hirsutum* (W12) x *Thurberia* (112)  
1065 .. *C. sp.* (Small polyembryonic plant)  
1054 .. *G. hirsutum*??  
W40 ... *G. sturtii* (564) x *C. armourianum* (867) cutting  
437 ... *C. punctatum*  
W12 ... *G. hirsutum* (Rowden lintless)  
W81 ... *G. hirsutum* (W64) x *G. sturtii* (632)  
694 ... *G. sp.* (Wild Florida)  
W64 ... *G. hirsutum* (Red acala)  
W82 ... *G. hirsutum* (723) x *G. sturtii* (632)  
W24 ... *G. hirsutum* (Acala 9th inbred gen.)  
W43 ... *G. hirsutum* (W24) x *G. armourianum* (867)  
W82 ... *G. hirsutum* (723) x *G. sturtii* (632)  
1056 .. *G. hirsutum* ??  
W58 ... *Thurberia* (112) x *G. sturtii* (632) .. cutting  
542 ... *C. contextum*  
646 ... *G. cultivated American* x *Cul. asiatic* .... cutting  
541 ... *G. patens*  
  
648 ... *G. culti. American* x *Culti. Asiatic F<sub>1</sub>*.....cutting  
716 ... *G. hopi*  
W56 ... *G. contextum* (542) x *C. armourianum* (867)  
396 ... *G. morrilli*

C B  
No

ROW 12

W41-2.. C. harknessii-armourianum (W41) F<sub>2</sub>  
W9 .... C. armourianum (867) x Thurberia (112)  
W101 .. C. armourianum Variant .....cutting  
W8 .... C. armourianum (867 spotless) x Thurberia (112)  
W101 .. C. armourianum Variant  
867 ... C. armourianum (spotless petal)  
867 ... " " (spotted petal)  
861 ... C. harknessii  
W41 ... C. harknessii (861) x G. armourianum (867)  
101 ... C. davidsonii  
101 ... " "  
W35 ... C. sturtii (564) x G. harknessii (861) .. cutting  
W10 ... C. davidsonii (101) x G. klotzschianum (700)  
W25 ... C. sturtii (564) x G. harknessii (861)  
W40 ... C. sturtii (564) x G. armourianum (867)  
W59 ... C. davidsonii (101) x G. sturtii (632) ....cutting  
W59 ... " " " " " " " "  
W40 ... G. sturtii (564) x G. armourianum (867) cutting  
W41 ... G. harknessii (861) x G. armourianum (867) cut  
700 ... G. klotzschianum  
W58 ... Thurberia (112) x G. sturtii (632)

C B

No

ROW 13

763 ... *G. stocksii*  
1045 .. *G. sp.* (Green seeded)  
W27 ... *G. sanguineum* (787) x *G. anomalum* (1051)  
1046 .. *G. sp.* (Green seeded)  
W79 ... *G. nanking* (824) x *Thurberia* (112)  
W45 ... *G. sanguineum* (787) x *G. africanum* (419)  
W48 ... *G. herbaceum* (743) x *G. neglectum* (785)  
W132 .. *G. sanguineum-africanum* (W45) F<sub>2</sub>  
1023 .. *G. herbaceum*  
787 ... *G. sanguineum*  
784 ... *G. nanking* (White flowers)  
786 ... *G. neglectum* (White flowers)  
W111 .. *G. herbaceum* (743) x *G. sturtii* (632)  
1081 .. *G. sp.* (Africa)  
W99 ... *G. sanguineum* (787) x *G. stocksii* (763)  
620 ... *G. arboreum*  
W132 .. *G. sanguineum-africanum* (W45) F<sub>2</sub>  
W124 .. *G. sanguineum-africanum* (W45) x<sup>2</sup> *sanguineum* (787)  
749 ... *G. africanum*  
W123 .. *G. sanguineum-africanum* (W45) x *africanum* (419)  
W125 .. *G. herbaceum-neglectum* (W43) x *herbaceum* (743)  
620 ... *G. arboreum*

C B

No

ROW 14

W19 ... *Hibiscus tiliaceus*  
423 ... *Thespesia populnea*  
677 ... *Kokia rockii*  
677 ... " "  
W30 ... *Kokia drynarioides*  
W30 ... " "  
W37 ... *G. hirsutum* (W24) x *Thurberia* (112)  
W19... *Hibiscus tiliaceus*  
1051 .. *G. anomalum*  
743 ... *G. herbaceum*  
824 ... *G. nanking*  
422 ... *G. cernuum*  
W3 ... *G. herbaceum* (743) x *G. cernuum* (W15)  
393 ... *G. nanking*  
W99 ... *G. sanguineum* (767) x *G. stocksii*(763)  
1051 .. *G. anomalum*  
W111 .. *G. herbaceum* (743) x *G. sturtii* (632) cutting  
W123 .. *G. sanguineum-africanum* (W45) x *africanum* (419)  
619 ... *G. intermedium*  
W111 .. *G. herbaceum* (743) x *G. sturtii* (632) ...cutting  
784 ... *G. nanking* (White flowers)

1937LOWER FIELD

<u>C B</u>			<u>C B</u>		
<u>No</u>		<u>ROW 1</u>	<u>No</u>		<u>ROW 2</u>
1099	.....	G. arboreum ?	1092	.....	G. sp. (Puerto Rico).
1126	.....	" " ?	1093	.....	" " " " .
1127	.....	" " ?	1094	.....	" " " " .
1128	.....	" " ?	1095	.....	" " " " .
1086	.....	G. sp. (Haiti).	1096	.....	" " " " .
1086a	.....	" " " " .	1099	.....	G. arboreum ?
1088	.....	G. barbadense ?	1126	.....	G. arboreum
1089	.....	G. sp. (Puerto Rico).	1083	.....	G. tridens ?
1090	.....	" " " " .	1084	.....	G. evertum ?
1091	.....	" " " " .	1086	.....	G. sp. (Haiti).
1084	.....	G. evertum ?	1086a	.....	" " " " .
1138	.....	G. sp. (Peru).	1088	.....	G. barbadense ?
1138	.....	" " " " .	1089	.....	G. sp. (Puerto Rico).
1140	.....	" " " " .	1090	.....	" " " " .
1099	.....	G. arboreum ?	1091	.....	" " " " .
1139	.....	G. sp. (Peru).	1092	.....	" " " " .
1139	.....	" " " " .	1093	.....	" " " " .



<u>C B</u>	<u>No</u>	<u>ROW 4</u>
W 8-8	.....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).
W 8-9	.....	" " " " " " " " " .
W 8-10	.....	" " " " " " " " " .
W 8-11	.....	" " " " " " " " " .
W 8-12	.....	" " " " " " " " " .
W 8-13	.....	" " " " " " " " " .
W 9-112-6	...	G. armour.-thurberi x G. thurberi (112).
W 9-112-7	...	" " " " " " " " " .
W 9-112-8	...	" " " " " " " " " .
W 9-112-9	...	" " " " " " " " " .
W 9-112-10	...	" " " " " " " " " .
W 9-112-11	...	" " " " " " " " " .
W 9-112-12	...	" " " " " " " " " .
W 9-112-13	...	" " " " " " " " " .
W 36-6	.....	G. barbadense (W5) x G. harknessii (861) F <sub>2</sub> (open).
W 36-7	.....	" " " " " " " " " .
W 36-1-14	...	G. barbadense (W5) x G. harknessii (861) F <sub>3</sub> (open).
W 36-8	.....	G. barbadense (W5) x G. harknessii (861) F <sub>2</sub> (open).
W 36-1-15	...	G. barbadense (W5) x G. harknessii (861) F <sub>3</sub> (open).
W 36-1-16	...	" " " " " " " " " .
W 36-1-17	...	" " " " " " " " " .

<u>C B</u>	ROW 5							
<u>No</u>								
W 9-6	.....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub>	(selfed).					
" -7	.....	"	"	"	"	"	"	"
" -8	.....	"	"	"	"	"	"	"
" -9	.....	"	"	"	"	"	"	"
" -10	.....	"	"	"	"	"	"	"
" -11	.....	"	"	"	"	"	"	"
" -12	.....	"	"	"	"	"	"	"
" -13	.....	"	"	"	"	"	"	"
" -14	.....	"	"	"	"	"	"	"
W 9-15	.....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub>	(selfed).					
" -16	.....	"	"	"	"	"	"	"
" -17	.....	"	"	"	"	"	"	"
" -18	.....	"	"	"	"	"	"	"
" -19	.....	"	"	"	"	"	"	"
" -20	.....	"	"	"	"	"	"	"
" -21	.....	"	"	"	"	"	"	"
" -22	.....	"	"	"	"	"	"	"
" -23	.....	"	"	"	"	"	"	"
" -24	.....	"	"	"	"	"	"	"
" -25	.....	"	"	"	"	"	"	"

C B								
<u>No</u>		<u>ROW 6</u>						
W 27-6	.....	G. sanguineum (787)	x	G. anomalum (1051)	F <sub>2</sub>	(open).		
" -7	.....	"	"	"	"	"	"	•
" -8	.....	"	"	"	"	"	"	•
" -9	.....	"	"	"	"	"	"	•
" -10	.....	"	"	"	"	"	"	•
W 8-14	.....	G. armourianum (867)	x	G. thurberi (112)	F <sub>2</sub>	(selfed).		
" -15	.....	"	"	"	"	"	"	•
" -16	.....	"	"	"	"	"	"	•
" -17	.....	"	"	"	"	"	"	•
" -18	.....	"	"	"	"	"	"	•
" -19	.....	"	"	"	"	"	"	•
" -20	.....	"	"	"	"	"	"	•
" -21	.....	"	"	"	"	"	"	•
" -22	.....	"	"	"	"	"	"	•
" -23	.....	"	"	"	"	"	"	•
" -24	.....	"	"	"	"	"	"	•
" -25	.....	"	"	"	"	"	"	•
" -26	.....	"	"	"	"	"	"	•
" -27	.....	"	"	"	"	"	"	•
" -28	.....	"	"	"	"	"	"	•
" -29	.....	"	"	"	"	"	"	•

1 9 3 7

## Gossypium Species, Relatives and Hybrids at Riverside

<u>C B</u>		<u>ROW 0</u>
<u>No</u>		
867	....	G. armourianum.
867	....	" "
101	....	G. davidsonii.
101	....	" "
861	....	G. harknessii.
861	....	" "
700	....	G. klotzchianum.
700	....	" "

<u>C B</u>		<u>ROW 1</u>
<u>No</u>		
564	....	G. sturtii.
422	....	G. cernuum.
422	....	" "
393	....	G. nanking.
393	....	G. "
824	....	G. nanking.
824	....	" "
W15	....	G. cernuum.
W15	....	" "
619	....	G. intermedium.
619	....	" "
743	....	G. herbaceum.
743	....	" "
1127	....	G. arboreum ?

C B

NoROW 2

1023 ....G. herbaceum.  
 1023 ...." " .  
 784 ....G. nanking.  
 784 ...." " .  
 786 ....G. neglectum.  
 786 ....G. " .  
 785 ....G. neglectum.  
 W15 ....G. cernuum.  
 787 ....G. sanguineum.  
 824 ....G. nanking.  
 749 ....G. africanum.  
 749 ...." " .  
 1128 ....G. arboreum ?  
 1128 ...." " ?  
 1127 ....G. arboreum?  
 743 ....G. herbaceum.

C B

NoROW 3

437 ....G. punctatum.  
 1065 ...G. barbadense (from selfed n).  
 W24 ....G. hirsutum (acala).  
 W24 ...." " .  
 716 ....G. hopi.  
 1145....G. palmeri.  
 W 64....G. hirsutum. (Red acala).  
 1145....G. palmeri.  
 396 ....G. morrilli.  
 396 ...." " .  
 541 ....G. patens.  
 W64 ....G. hirsutum. (Red acala).  
 672 ....G. schottii.  
 672 ...." " .  
 662 ....G. peruvianum.  
 662 ....G. " .

C B

NoROW 4

SB 105... *Sphaeralcea abutiloides*.  
 SB 210... " *umbellata*.  
 SB 229... *Parvonia paremorsa*.  
 SB 59... *Sphaeralcea emoryi* f. *purpurea*.  
 SB 228... *Malvastrum fragrans*.  
 SB 229... *Parvonia paremorsa*.  
 527... *G. tomentosum*.  
 527... " " "  
 W16... *G. sp.* (Wild Florida cotton).  
 W16... " " " " "  
 421... *G. jamaicense* (Wild Florida cotton).  
 421... *G. jamaicense* " " " "  
 542... *G. contextum*.  
 542... *G.* " " "  
 531... *G. purpurascens*.  
 531... " " "  
 673... *G. brasiliense*.  
 673... " " "  
 1083... *G. tridens*.  
 702... *G. darwinii*.  
 702... " " "

C B

NoRow 5

-----  
 SB 251... *Sphaeralcea miniata rhombifolia*.  
 W 5... *G. barbadense*.  
 W23... *G. barbadense* (Pima).  
 W23... " " "  
 W41... *G. harknessii* (861) x *G. armourianum* (867).  
 W39... *G. sturtii* (564) x *G. harknessii* (861).  
 W39... " " " " "  
 564... *G. sturtii*.  
 W35... *G. sturtii* (564) x *G. harknessii* (861).  
 W39... *G. sturtii* (564) x *G. harknessii* (861).  
 564... *G. sturtii*.  
 W12... *G. hirsutum* (Rowden lintless).  
 W 12... " " " " "  
 864... *G. sp.* *Palmeri*?  
 864... *G. sp.* " ?  
 1051... *G. anomalum*.  
 1051... " " "  
 339... *Thespesia lampas*.  
 339... " " "  
 112... *G. thurberi*.  
 1145... *G. palmeri*.





<u>C B</u>	<u>No</u>	<u>ROW 8</u>
W 29	.....	G. hirsutum (723) x G. tomentosum (527)
W 37	.....	G. hirsutum (W 24) x thurberi (112)
W 80-1	.....	G. hirsutum (W64) x G. tomentosum (527) F <sub>2</sub> (selfed).
W 80-2	.....	" " " " " " " " "
W 80-3	.....	" " " " " " " " "
W 56-2	.....	G. contextum (542) x G. armourianum (867) F <sub>2</sub> (selfed).
W 95	.....	G. purpurascens (531) x G. tomentosum (527).
W 36-1-1...		G. barbadense (W5) x G. harknessii F <sub>3</sub> (selfed).
W 23 x		
W 36-1	.....	G. barbadense x bar.-harknessii F <sub>2</sub> .
W 36-1-2...		G. barbadense (W5) x G. harknessii (861) F <sub>3</sub> (selfed).
W 36-1-3...		" " " " " " " " "
W 36-1-4...		" " " " " " " " "
W 36	.....	G. barbadense (W5) x G. harknessii (861).
W 33	.....	G. barbadense (W5) x G. sturtii (564).
W 36-1-5...		G. barbadense (W5) x G. harknessii (861) F <sub>3</sub> (open).
W 36-1-6...		" " " " " " " " "
W 36-2	.....	G. barbadense (W5) x G. harknessii (861) F <sub>2</sub> (selfed).
W 36-1-7...		G. barbadense (W5) x G. harknessii (861) F <sub>3</sub> (open).
W 95	.....	G. purpurascens (531) x G. tomentosum (527).
W 95	.....	" " " " " " " " "
W 78	.....	G. peruvianum (662) x G. darwinii (702).

<u>C B</u>					
<u>No</u>			<u>ROW 9</u>		
W 21-1	.....	G. hirsutum (W64)	x G. cernuum (W15)	F <sub>2</sub>	(open).
W 21	.....	G. hirsutum (W64)	x G. cernuum (W15).		
W 44	.....	G. hirsutum (W12)	x G. thurberi (112).		
W 28-1	.....	G. barbadense (W23)	x G. tomentosum (527)	F <sub>2</sub>	(selfed).
W 54	.....	G. barbadense (W23)	x G. punctatum (437).		
W 33	.....	G. barbadense (W5)	x G. sturtii (564).		
W 36-1-8	.....	G. barbadense (W5)	x G. harknessii (861)	F <sub>3</sub>	(open).
531	.....	G. purpurascens.			
W 36-3	.....	G. barbadense (W5)	x G. harknessii (861)	F <sub>2</sub>	(selfed).
10 W 36-1-9	.....	G. barbadense (W5)	x G. harknessii (861)	F <sub>3</sub>	(open).
W 36	.....	G. barbadense (W5)	x G. harknessii (861).		
W 36-4	.....	G. barbadense (W5)	x G. harknessii (861)	F <sub>2</sub>	(selfed).
W 36-5	.....	"	"	"	F <sub>2</sub> (open).
W 51	.....	G. contextum (542)	x G. schottii (672).		
W 59	.....	G. davidsonii (101)	x G. sturtii (632).		
W 36-1-10	...	G. barbadense (W 5)	x G. harknessii (861)	F <sub>3</sub>	(open).
W 36-1-11	...	G. " " " "	" " " "	F <sub>3</sub>	(open).
W 58	.....	G. davidsonii (101)	x G. sturtii (632).		
W 46	.....	G. barbadense (W23)	x G. schottii (672).		
W 95-1	.....	G. purpurascens (531)	x G. tomentosum (527)	F <sub>2</sub>	(open.)
W 78	.....	G. peruvianum (662)	x G. darwinii (702).		



<u>C B</u>	
<u>No</u>	<u>ROW 11</u>
W 44 .....	G. hirsutum (W12) x G. thurberi (112).
1065n .....	G. barbadense (haploid).
W 56-7 .....	G. contextum (542) x G. armourianum (867) F <sub>2</sub> (open).
W 40 .....	G. sturtii (564) x G. armourianum (867).
W 21-3 .....	G. hirsutum (W64) x G. cernuum (W15) F <sub>2</sub> (open).
W 80-6 .....	G. hirsutum (W64) x G. tomentosum (527) F <sub>2</sub> (selfed).
W 81 .....	G. hirsutum (W64) x G. sturtii (632).
W 29-5 .....	G. hirsutum (723) x G. tomentosum (527) F <sub>2</sub> (selfed).
W 44 .....	G. hirsutum (W12) x G. thurberi (112).
W 82 .....	G. hirsutum (723) x G. sturtii (632).
W 80-7 .....	G. hirsutum (W 64) x G. tomentosum (527) F <sub>2</sub> (selfed).
W 43 .....	G. hirsutum (W24) x G. armourianum (867).
W 82 .....	G. hirsutum (723) x G. sturtii (632).
W 50 .....	G. hirsutum (723) x G. barbadense (W23).
W 58 .....	G. thurberi (112) x G. sturtii (632).
W 50 .....	G. hirsutum (723) x G. barbadense (W 23).
W 26 .....	G. contextum (542) x G. hopi (716).
W 26 .....	" " " " " "
646 .....	American x Asiatic F <sub>1</sub> .
W 51 .....	G. contextum (542) x G. schottii (672).
W 56 .....	G. contextum (542) x G. armourianum (867).
W 78 .....	G. peruvianum (662) x G. darwinii (702).

C B

NoROW 12

W 41-2	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W 9	.....	G. armourianum (867) x G. thurberi (112).
W 9-3	.....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).
W 8	.....	G. armourianum (867) x G. thurberi (112).
W 41-3	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W 8	.....	G. armourianum (867) x G. thurberi (112).
W 9	.....	G. armourianum (867) x G. thurberi (112).
W 9x867-1	.....	G. armour. x thurberi x G. armour. (867).
W 41	.....	G. harknessii (861) x G. armourianum (867).
W 10-1	.....	G. davidsonii (101) x G. klotzschianum (700) F <sub>2</sub> (open).
W 58	.....	G. thurberi (112) x G. sturtii (632).
W 35	.....	G. sturtii (564) x G. harknessii.
W 59	.....	G. davidsonii (101) x G. sturtii (632).
W 35	.....	G. sturtii (564) x G. harknessii (861).
W 10-2	.....	G. davidsonii (101) x G. klotzschianum (700) F <sub>2</sub> (open).
W 59	.....	G. davidsonii (101) x G. sturtii (632).
W 59	.....	" " " " " "
W 40	.....	G. sturtii (564) x G. armourianum (867).
W 41	.....	G. harknessii (861) x G. armourianum (867).
W 41-4	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W 58	.....	G. thurberi (112) x G. sturtii (632).

C B

NoROW 13

W 39-1 .....	G. sturtii (564) x G. harknessii (861) F <sub>2</sub> (open).
W 39-2 .....	" " " " " " " " " " " "
W 8 -5 .....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).
W 94 .....	G. davidsonii (101) x G. anomalum (1051) .
W 79 .....	G. nanking (824) x G. thurberi (112).
W 79 .....	" " " " " " " " " " " "
W 8x867-1 ...	G. armour.-thurberi x G. armour. (867).
W 8x867-2 ...	" " " " " " " " " " " "
W 94 .....	G. davidsonii (101) x G. anomalum (1051).
W 8-6 .....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).
W 8-7 .....	G. armourianum (867) X G. thurberi (112) F <sub>2</sub> (selfed).
W 79 .....	G. nanking (824) x G. thurberi (112).
W 111 .....	G. herbaceum (743) x G. sturtii (632).
W 9-4 .....	G. armourianum (867) x G. thurberii (112) F <sub>2</sub> (selfed).
W 9-5 .....	" " " " " " " " " " " "
W 94 .....	G. davidsonii (101) x G. anomalum (1051).
W 9x112-3 ...	G. armour.-thurberi x thurberi (112).
W 9x112-4 ...	" " " " " " " " " " " "
W 96 .....	G. harknessii (861) x G. thurberi (112).
W 96 .....	" " " " " " " " " " " "
W 96 .....	" " " " " " " " " " " "
W 40 .....	G. sturtii (564) x G. armourianum (867).
W 10-3 .....	G. davidsonii (101) x G. klotzschianum (700) F <sub>2</sub> (open).

C B		
<u>No</u>		<u>ROW 14</u>
763	.....	G. stocksii
W 99	.....	G. sanguineum (787) x G. stocksii (763).
W 99	.....	" " " " " " .
1051	.....	G. anomalum.
W 27-4	.....	G. sanguineum (787) x G. anomalum (1051) F <sub>2</sub> (open).
W 94	.....	G. davidsonii (101) x G. anomalum (1051).
W-19	.....	<del>Hibiscus--tiliaceus</del> -----
W 27-5	.....	G. sanguineum (787) x G. anomalum (1051) F <sub>2</sub> (open).
W 27	x1051-1	G. sanguineum-anom. x anomalum (1051).
W 45	.....	G. sanguineum (787) x G. africanum (419).
W 45	.....	" " " " " " .
W 48	.....	G. herbaceum (743) x G. neglectum (785);
W 48	.....	" " " " " " .
W 48	.....	" " " " " " .
W 79	.....	G. nanking (824) x G. thurberi (112).
W 111	.....	G. herbaceum (743) x G. sturtii (632).
W 101	.....	G. armourianum varient.
W 9x112-5..	.....	G. armour.-thurberi x thurberi (112).
W 111	.....	G. herbaceum (743) x G. sturtii (632).
W 96	.....	G. harknessii (861) x G. thurberi (112).

1 9 3 7PALM SPRINGSROW 1

- W 33 ..... *G. barbadense* (W5) x *G. sturtii* (564).  
 W 26 ..... *G. contextum* (542) x *G. hopi* (716).  
 W 29 ..... *G. hirsutum* (723) x *G. tomentosum* (527).  
 W 36 ..... *G. barbadense* (W5) x *G. harknessii* (861).  
 W 44 ..... *G. hirsutum* (W12) x *G. thurberi* (112).  
 W 59 ..... *G. davidsonii* (101) x *G. sturtii* (632).  
 W 139 ..... *G. hirsutum* (W24) x *G. sturtii* (632).  
 W 8 ..... *G. armourianum* (867) x *G. thurberi* (112).  
 W 96 ..... *G. harknessii* (861) x *G. thurberi* (112).  
 W 79 ..... *G. nanking* (824) x *G. thurberi* (112).  
 W 41 ..... *G. harknessii* (861) x *G. armourianum* (867).  
 W 58 ..... *G. thurberi* (112) x *G. sturtii* (632).  
 W 51 ..... *G. contextum* (542) x *G. schottii* (672).  
 W 95 ..... *G. purpurascens* (531) x *G. tomentosum* (527).

ROW 2

- W 94 ..... *G. davidsonii* (101) x *G. anomalum* (1051).  
 W 12 ..... *G. hirsutum*.  
 W 50 ..... *G. hirsutum* (723) x *G. barbadense* (W23).  
 W 48 ..... *G. herbaceum* (743) x *G. neglectum* (785).  
 527 ..... *G. tomentosum*.  
 864 ..... *G. sp.*  
 W 35 ..... *G. sturtii* (564) x *G. harknessii* (861).  
 W 29 ..... *G. hirsutum* (723) x *G. tomentosum* (527).  
 W 59 ..... *G. davidsonii* (101) x *G. sturtii* (632).  
 W 139 ..... *G. hirsutum* (W 24) x *G. sturtii* (632).  
 W 9 ..... *G. armourianum* (867) x *G. thurberi* (112).  
 531 ..... *G. purpurascens*.  
 867 ..... *G. armourianum*.

ROW 3

W 33	.....	G. barbadense (W5) x G. sturtii (564).
W 94	.....	G. davidsonii (101) x G. anomalum (1051).
W 55	.....	G. contextum-hopi (W 26) x G. anomalum (1051).
W 79	.....	G. nanking (824) x G. thurberi.
W 35	.....	G. sturtii (564) x G. harknessii (861).
W 41	.....	G. harknessii (861) x G. armourianum(867).
W 51	.....	G. contextum (542) x G. schottii (672).
651	.....	Shantzia garckeana.
W 36	.....	G. barbadense (W5) x G. harknessii (861).
W 12	.....	G. hirsutum.
1051	.....	G. anomalum.
861	.....	G. harknessii.

Row 4

W 94	.....	G. davidsonii (101) x G. anomalum (1051).
W 40	.....	G. sturtii (564) x G. armourianum (867).
W 41-5	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W 41	.....	G. harknessii (861) x G. armourianum (867).
W 59	.....	G. davidsonii (101) x G. sturtii (632).
W 41-6	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W 40	.....	G. sturtii (564) x G. armourianum (867).
W 8	.....	G. armourianum (867) x G. thurberi (112).
W 35	.....	G. sturtii (564) x G. harknessii (861).
W 10-4	.....	G. davidsonii (101) x G. klotzschianum (700) F <sub>2</sub> (open).
W 78	.....	G. peruvianum (662) x G. darwinii.



ROW 8

- W 8x867-3 ..... *G. armour.-thurberi* x *G. armourianum* (867).  
 W 8x867-4..... " " " " " " "  
 W 9x112-14..... *G. armour.-thurberi* x *G. thurberi* (112).  
 112 ..... *G. thurberi*.  
 W 95-6 ..... *G. purpurascens*. (531) x *G. tomentosum* (527) F<sub>2</sub>(open).  
 W 95 ..... *G. purpurascens* (531) x *G. tomentosum* (527).

ROW 9

- W 36 ..... *G. barbadense* (W5) x *G. harknessii* (861).  
 W 36-1-18 ..... *G. barbadense* (W5) x *G. harknessii* (861) F<sub>3</sub> (open).  
 W 95 ..... *G. purpurascens* (531) x *G. tomentosum* (527).

ROW 10

- 617 ..... *Erioxylum aridum*.

1937

Gossypium, Gossypium Relatives and Hybrids  
at Riverside, and Palm Springs

	Riverside Upper Field	Riverside Lower Field	Palm Springs
W 4 ..... <i>Lagunaria pattersonii</i> .	3 pt. end field.		
W 5 ..... <i>G. barbadense</i> .	5-3		
W 8 ..... <i>G. armourianum</i> (867) x <i>G. thurberi</i> (112).	6-16:12-4,6		1-8,4-8, 5-6
W 8F <sub>2</sub> ..... <i>G. armourianum</i> (867) x <i>G. thurberi</i> (112).	6-3,4,19,20 13-3,10,11	16 pt R 6 6 pt R 4	5-2,7-1,3
W 8x867... <i>G. armour.-thur.</i> x <i>G. armour.</i> (867).	13-7,8		8-1, 2
W 9 ..... <i>G. armour.</i> (867) x <i>G. thurberi</i> (112).	12-2, 7		2-11
W 9F <sub>2</sub> ..... <i>G. armour.</i> (867) x <i>G. thurberi</i> (112).	6-14; 7-16 12-3:13-14,15	20 pt R 5	7-4, 5
W 9x112... <i>G. armour.-thurberi</i> x <i>thurberi</i> (112).	7-19, 20 13-17,18:14-18	8 pt R 4	8-3
W 9x867... <i>G. armour.-thurberi</i> x <i>armour.</i> (867).	12-8		
W 10F <sub>2</sub> .... <i>G. davidsonii</i> (101) x <i>G. klotzschia</i> . (700).	12-10, 15 13-22		4-10
W 12 ..... <i>G. hirsutum</i> .	5-13, 14		2-2 3-10
W 15 ..... <i>G. cernuum</i> .	1-8, 9:2-8		
W 16 ..... <i>G. sp.</i> (Wild Florida cotton).	4-9, 10		
W 21 ..... <i>G. hirsutum</i> (W64) x <i>G. cernuum</i> (W15).	9-2		
W 21F <sub>2</sub> .... <i>G. hirsutum</i> (W64) x <i>G. cernuum</i> (W15).	9-1: 10-3 11-5		
W 23 ..... <i>G. barbadense</i> (Pima)	5-4, 5		
W 23xW 36-1 <i>G. barbadense</i> x <i>barbadense -hark.</i> F <sub>2</sub>	8-9		

	Riverside Upper Field	Riverside Lower Field	Palm Springs
W 24 ..... <i>G. hirsutum</i> (acala).	3-3, 4		
W 26 ..... <i>G. contextum</i> (542) x <i>G. hopi</i> (716).	11-17, 18		1-2
W 27F <sub>2</sub> ..... <i>G. sanguineum</i> (787) x <i>G. anomalum</i> (1051).	6-13, 14, 13 14-5, 8	6-1,2,3,4,5	
W 27xl051.. <i>G. sang.-anomalum</i> x <i>anomalum</i> (1051).	14-9		
W 28 ..... <i>G. barbadense</i> (W23) x <i>G. tomentosum</i> (527).	7-3		
W 28F <sub>2</sub> ..... <i>G. barbadense</i> (W23) x <i>G. tomentosum</i> (527).	9-4		
W 29 ..... <i>G. hirsutum</i> (723) x <i>G. tomentosum</i> (527).	8-1:10-13, 14 6-15		1-3 2-8
W 29F <sub>2</sub> ..... <i>G. hirsutum</i> (723) x <i>G. tomentosum</i> (527).	7-8:10-15,16,17 11-8		5-3
W 33 ..... <i>G. barbadense</i> (W5) x <i>G. sturtii</i> (564).	7-9,10,18 8-14 9-6		1-1 3-1 6-1
W 34 ..... <i>G. hirsutum</i> (W24) x <i>G. armour.</i> (867).	6-10, 11		5-1
W 35 ..... <i>G. sturtii</i> (564) x <i>G. harknessii</i> (861).	5-10 12-12,14		2-7:3-5 4-9 :5-5
W 36 ..... <i>G. barbadense</i> (W5) x <i>G. harknessii</i> (861).	8-13 9-11		1-4 3-9 9-1
W 36F <sub>2</sub> ..... <i>G. barbadense</i> (W5) x <i>G. harknessii</i> (861).	9-9, 12, 13 8-17	4-15,16,18	6-4
W 36F <sub>3</sub> ..... <i>G. barbadense</i> (W5) x <i>G. harknessii</i> (861).	8-8,10,11,12, 16,18,15 9-7,10,16,17	3-20,21. 4-17,19,20,21.	9-2
W 37 ..... <i>G. hirsutum</i> (W24) x <i>thurberi</i> (112).	8-2		
W 38 ..... <i>G. barbadense</i> (W23) x <i>G. harknessii</i> (861)	7-6, 7		
W 39 ..... <i>G. sturtii</i> (564) x <i>G. harknessii</i> (861).	5-7, 8, 11		
W 39F <sub>2</sub> ..... <i>G. sturtii</i> (564) x <i>G. harknessii</i> (861).	13-1, 2		
W 40 ..... <i>G. sturtii</i> (564) x <i>G. armourianum</i> (867).	11-4 12-18 13-21		4-2, 7 7-2
W 41 ..... <i>G. harknessii</i> (861) x <i>G. armour.</i> (867).	5-6 12-9,19		1-11 3-6 4-4

		Riverside Upper Field	Riverside Lower Field	Palm Springs
W 41F <sub>2</sub> .....	<i>G. harknessii</i> (861) x <i>G. armour.</i> (867).	7-1 12-1,5,20		4-3, 6
W 43 .....	<i>G. hirsutum</i> (W24) x <i>G. armourianum</i> (867).	6-6 11-12		6-3
W 44 .....	<i>G. hirsutum</i> (W12) x <i>G. thurberi</i> (112).	9-3 11-1		1-5
W 45 .....	<i>G. sanguineum</i> (787) x <i>G. africanum</i> (419).	14-10,11		
W 46 .....	<i>G. barbadense</i> (W 23) x <i>G. schottii</i> (672)	9-19		
W 48 .....	<i>G. herbaceum</i> (743) x <i>G. neglectum</i> (785).	14-12,13,14		2-4
W 50 .....	<i>G. hirsutum</i> (723) x <i>G. barbadense</i> (W 23).	11-14, 16		2-3
W 51 .....	<i>G. contextum</i> (542) x <i>G. schottii</i> (672).	9-14 11-20		3-7 1-13
W 54 .....	<i>G. barbadense</i> (W23) x <i>G. punctatum</i> (437).	9-5		
W 55 .....	<i>G. contextum-hopi</i> (W26) x <i>G. anom.</i> (1051).	10-1		3-3
W 56 .....	<i>G. contextum</i> (542) x <i>G. armourianum</i> (867).	6-9 10-5 11-21		
W 56F <sub>2</sub> .....	<i>G. contextum</i> (542) x <i>G. armourianum</i> (867).	8-6:10-2,6,7,8,9 11-3		6-6, 7
W 57 .....	<i>G. barbadense</i> (W5) x <i>G. sturtii</i> (632).	<del>6-10</del> 7-11		
W 58 .....	<i>G. thurberi</i> (112) x <i>G. sturtii</i> (632).	7-17:9-18 12-11:11-15		1-12 5-4
W 59 .....	<i>G. davidsonii</i> (101) x <i>G. sturtii</i> (632).	7-5 9-15 12-13,16,17		1-6 2-9 4-5
W 64 .....	<i>G. hirsutum</i> (Red acala).	3-7, 12		
W 78 .....	<i>G. peruvianum</i> (662) x <i>G. darwinii</i> (702).	8-21 9-21 11-22		4-11
W 79 .....	<i>G. nanking</i> (824) x <i>G. thurberi</i> (112).	7-2,4:13-5,6,12 14-15		1-10 3-4 5-7
W 80 .....	<i>G. hirsutum</i> (W64) x <i>G. tomentosum</i> (527).	6-8		
W 80F <sub>2</sub> .....	<i>G. hirsutum</i> (W64) x <i>G. tomentosum</i> (527).	8-3,4,5:10-4,12 11-11,6		5-9

		Riverside Upper Field	Riverside Lower Field	Palm Springs
W 81	..... G. hirsutum (W64) x G. sturtii (632).	6-5, 8 10-10 11-7		
W 82	..... G. hirsutum (723) x G. sturtii (632).	7-12 11-10, 13		
W 94	..... G. davidsonii (101) x G. anomalum (1051).	7-12:13-4, 9, 16 14-6		2-1 3-2 4-1
W 95	..... G. purpurascens (531) x G. tomentosum (527).	8-7, 19, 20 10-21		1-14 8-6 9-3
W 95F <sub>2</sub>	..... G. purpurascens (531) x G. tomentosum (527).	9-20 10-18, 19, 20		6-8 8-5
W 96	..... G. harknessii (861) x G. thurberi (112).	13-19, 20 14-20		1-9
W 99	..... G. sanguineum (787) x G. stockii (763).	14-2, 3		
W 101	..... G. armourianum varient.	14-17		
W 111	..... G. herbaceum (743) x G. sturtii (632).	13-13:14-16, 19		
W 139	..... G. hirsutum (W24) x G. sturtii (632).	7-13		1-7 2-10
101	..... G. davidsonii.	0-1, 2		6-2
112	..... G. thurberi.	5-21, 22 6-19		8-4
339	..... Thespesia lampas	5-19, 20		1-5 7-6
393	..... G. nanking.	1-4, 5		
396	..... G. morrilli.	3-9, 10		
421	..... G. sp. (Wild tree cotton Fla.)	4-11, 12		
422	..... G. cernuum .	1-2, 3		
437	..... G. punctatum.	3-1		
527	..... G. tomentosum .	4-7, 8		2-5
531	..... G. purpurascens	4-15, 16 9-8		2-12

	Riverside Upper Field	Riverside Lower Field	Palm Springs
541 . . . . . <i>G. patens</i> .	3-11		
542 . . . . . <i>G. contextum</i> .	4-13, 14		
564 . . . . . <i>G. sturtii</i> .	1-1 5, 9, 12		
617 . . . . . <i>Erioxylum aridum</i> .	4 pt end of field		10-1
619 . . . . . <i>G. intermedium</i> .	1-16, 11		
632 . . . . . <i>G. sturtii</i> .			7-7
646 . . . . . American x Asiatic F <sub>1</sub> .	11-19 6-18		6-5
651 . . . . . <i>Shantzia garckeana</i> .	7-14, 15 10-11		3-8
662 . . . . . <i>G. peruvianum</i> .	3-15, 16		6-9
672 . . . . . <i>G. schottii</i> .	3-13, 14		
673 . . . . . <i>G. brasiliense</i> .	4-17, 18		
700 . . . . . <i>G. klotzschianum</i> .	0-7, 8: 7-21		5-10
702 . . . . . <i>G. darwinii</i> .	4-20, 21		
716 . . . . . <i>G. hopi</i> .	3-5		
743 . . . . . <i>G. herbaceum</i> .	1-12, 13 2-16		
749 . . . . . <i>G. africanum</i> .	2-11, 12		
763 . . . . . <i>G. stocksii</i> .	14-1		
784 . . . . . <i>G. nanking</i> .	2-3, 4		
785 . . . . . <i>G. neglectum</i> .	2-7		

	<u>Riverside Upper Field</u>	<u>Riverside Lower Field</u>	<u>Palm Springs</u>
786 ..... <i>G. neglectum</i> .	2-5, 6		
787 ..... <i>G. sanguineum</i> .	2-9		
824 ..... <i>G. nanking</i> .	1-6, 7:2-10		
861 ..... <i>G. harknessii</i> .	0-5, 6		3-12
864 ..... <i>G. sp.</i>	5-15, 16		2-6
867 ..... <i>G. armourianum</i> .	0-1, 2		2-13
1023 ..... <i>G. herbaceum</i> .	2-1, 2		
1051 ..... <i>G. anomalum</i> .	5-17, 18 14-4, 7		3-11
1065 ..... <i>G. barbadense</i> (2n).	3-2		
1065n..... <i>G. barbadense</i> (n).	11-2		
1079 ..... <i>G. sp.</i> (Colombia).		3-5	
1081 ..... <i>G. sp.</i> (So. Africa).		3-4	
1083 ..... <i>G. tridens</i> .	<sup>9-</sup> 4-19	2-8 3-7	
1084 ..... <i>G. evertum</i> .		1-11:2-9 3-8	
1086 ..... <i>G. sp.</i> (Haiti).		1-8:2-10 3-9	
1086a ..... <i>G. sp.</i> (Haiti).		1-8: 2-11 3-10	
1088 ..... <i>G. barbadense</i> .		1-7 2-12 3-11	
1089 ..... <i>G. sp.</i> (Puerto Rico).		1-8 2-13 3-12	
1090 ..... <i>G. sp.</i> (Puerto Rico).		1-9 2-14 3-13	

	Riverside Upper Field	Riverside Lower Field	Palm Springs.
1091 ..... G. sp. (Puerto Rico).		1-10 2, 15 3-14, 17	
1092 ..... G. sp. (Puerto Rico).		2-1, 16 3-15	
1093 ..... G. sp. (Puerto Rico).		2-2, 17 3-16	
1094 ..... G. sp. (Puerto Rico).		2-3 3-1	
1095 ..... G. sp. ( " " ).		2-4 3-2 3-18	
1096 ..... G. sp. ( " " ).		2-5 3-3, 19	
1099 ..... G. arboreum.		1-1, 15 2-6	
1126 ..... G. arboreum.	2-14	1-2 2-7 3-6	
1127 ..... G. arboreum.	1-14 ; 2-15	1-3	
1128 ..... G. arboreum.	2-13	1-4	
1138 ..... G. sp. (Peru).		1-12, 13	
1139 ..... G. sp. ( " ).		1-16, 17	
1140 ..... G. sp. ( " ).		1-14	
1145 ..... G. palmeri.	3-6, 8 ; 5-22		5-8
****			
W-19 ..... Hibiscus tiliaceus	14-7,		

		<u>ROW 1</u>			<u>ROW 2</u>
<u>CB</u>			<u>CB</u>		
<u>No</u>			<u>No</u>		
	1099	.... G. arboreum ?		1092	.... G. sp. (Puerto Rico).
	1126	.... G. arboreum ?		<del>1093</del>	.... G. sp. (Puerto Rico).
	1127	.... G. arboreum ?		....	
	1128	.... G. arboreum ?		1095	.... G. sp. (Puerto Rico).
	....			1096	.... G. sp. (Puerto Rico).
	....			1098	.... G. arboreum ?
	....			1126	.... G. arboreum ?
<del>1088</del>	....	G. barbadense ?		1083	.... G. tridens ?
<del>1089</del>	....	G. sp. (Puerto Rico).		1084	.... G. evertum ?
<del>1090</del>	....	G. sp. (Puerto Rico).		<del>1086</del>	.... G. sp. (Haiti).
1091	....	G. sp. (Puerto Rico).		<del>1086a</del>	.... G. sp. (Haiti).
1084	....	G. evertum ?		<del>1088</del>	.... G. barbadense ?
<del>1138</del>	....	G. sp. (Peru).		1089	.... G. sp. (Puerto Rico).
1138	....	" " "		1090	.... G. sp. (Puerto Rico).
1140	....	G. sp. (peru).		1091	.... G. sp. (Puerto Rico).
1098	....	G. arboreum ?		1092	.... G. sp. (Puerto Rico).
1139	....	G. sp. (Peru).			
1139	....	" " "			

ROW 3

CB

No

1095	....	G. sp.	(Puerto Rico).
1096	....	G. sp.	(Puerto Rico).
1081	....	G. sp.	(South Africa).
— 1079	....	G. sp.	(Colombia).
1126	....	G. arboreum	?
1083	....	G. tridens	?
1084	....	G. evertum	?
— 1086	....	G. sp.	(Haiti).
— 1086a	....	G. sp.	(Haiti).
	....		
1089	....	G. sp.	(Puerto Rico).
1090	....	G. sp.	(Puerto Rico).
1091	....	G. sp.	(Puerto Rico).
1092	....	G. sp.	(Puerto Rico).
— 1093	....	G. sp.	(Puerto Rico).
1091	....	G. sp.	(Puerto Rico).
1095	....	G. sp.	(Puerto Rico).
1096	....	G. sp.	(Puerto Rico).
W36-1-12		G. barbadense (W5) x G. harknessii (861)	Fg (open).
W36-1-13	"	" " " " " " " "	" " " " " "

ROW 4

CB  
No  
 WB-8 ..... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
 WB-9 ..... " " " " " " " " " "  
 WB-10 ..... " " " " " " " " " "  
 WB-11 ..... " " " " " " " " " "  
 WB-12 ..... " " " " " " " " " "  
 WB-13 ..... " " " " " " " " " "  
 W9-112-6 . G. armourianum-thurberi (W9) x G. thurberi (112).  
 W9-112-7 . " " " " " " " " " "  
 W9-112-8 . " " " " " " " " " "  
 W9-112-9 . " " " " " " " " " "  
 W9-112-10 " " " " " " " " " "  
 W9-112-11 " " " " " " " " " "  
 W9-112-12 " " " " " " " " " "  
 W9-112-13 " " " " " " " " " "  
 W36-6 .... G. barbadense (W5) x G. harknessii (861) F<sub>2</sub> (open).  
 W36-7 .... " " " " " " " " " "  
 W36-1-14 . G. abrbadense (W5) x G. harknessii (861) F<sub>3</sub> (open).  
 W36-8 .... G. barbadense (W5) x G. harknessii (861) F<sub>2</sub> (open).

ROW 5

GB

No

W9-6	.....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).
W9-7	.....	" " " " " " " " " " " "
W9-8	.....	" " " " " " " " " " " "
W9-9	.....	" " " " " " " " " " " "
W9-10	.....	" " " " " " " " " " " "
W9-11	.....	" " " " " " " " " " " "
W9-12	.....	" " " " " " " " " " " "
W9-13	.....	" " " " " " " " " " " "
W9-14	.....	" " " " " " " " " " " "
W9-15	.....	" " " " " " " " " " " "
W9-16	.....	" " " " " " " " " " " "
W9-17	.....	" " " " " " " " " " " "
W9-18	.....	" " " " " " " " " " " "
W9-19	.....	" " " " " " " " " " " "
W9-20	.....	" " " " " " " " " " " "
W9-21	.....	" " " " " " " " " " " "
W9-22	.....	" " " " " " " " " " " "
W9-23	.....	" " " " " " " " " " " "
W9-24	.....	" " " " " " " " " " " "
W9-25	.....	" " " " " " " " " " " "

ROW 6

CB	No								
	W27-6	....	G. sanguineum (787) x G. anomalum (1051) F <sub>2</sub> (open).						
	W27-7	....	"	"	"	"	"	"	"
-	W27-8	....	"	"	"	"	"	"	"
-	W27-9	....	"	"	"	"	"	"	"
-	W27-10	....	"	"	"	"	"	"	"
	WB-14	....	G. armourianum (867) x G. thurberi (112) F <sub>2</sub> (selfed).						
	WB-15	....	"	"	"	"	"	"	"
	WB-16	....	"	"	"	"	"	"	"
-	WB-17	....	"	"	"	"	"	"	"
	WB-18	....	"	"	"	"	"	"	"
	WB-19	....	"	"	"	"	"	"	"
	WB-20	....	"	"	"	"	"	"	"
	WB-21	....	"	"	"	"	"	"	"
	WB-22	....	"	"	"	"	"	"	"
	WB-23	....	"	"	"	"	"	"	"
	WB-24	....	"	"	"	"	"	"	"
	WB-25	....	"	"	"	"	"	"	"

ROW 1

CE

No

W10-20 ..... G. davidsonii (101) x G. klotzschianum (700) F<sub>2</sub> (open).  
 W10-21 ..... " " " " " " " " " "  
 W10-22 ..... " " " " " " " " " "  
 W10-23 ..... " " " " " " " " " "  
 W10-24 ..... " " " " " " " " " "  
 W10-25 ..... " " " " " " " " " "  
 W10-26 ..... " " " " " " " " " "  
 W99 ..... G. nanking (824) x G. thurberi (112).  
 W21 ..... G. hirsutum (W64) x G. cernuum (W15).  
 W37 ..... G. hirsutum (W24) x G. thurberi (112).

ROW 2

W10-27 ..... G. davidsonii (101) x G. klotzschianum (700) F<sub>2</sub> (open).  
 W10-28 ..... " " " " " " " " " "  
 W10-29 ..... " " " " " " " " " "  
 W10-30 ..... " " " " " " " " " "  
 W10-31 ..... " " " " " " " " " "  
 W10-32 ..... " " " " " " " " " "  
 W10-33 ..... " " " " " " " " " "  
 W10-34 ..... " " " " " " " " " "  
 W10-35 ..... " " " " " " " " " "  
 W10-36 ..... " " " " " " " " " "

ROW 3

*dieing* W96-9 ..... G. harknessii (861) x G. thurberi (112) F<sub>2</sub> (selfed). *dieing*  
 W96-10 ..... " " " " " " " " " "  
 W96-11 ..... " " " " " " " " " "  
 W96-12 ..... " " " " " " " " " "  
 W10-37 ..... G. davidsonii (101) x G. klotzschianum (700) F<sub>2</sub> (open).  
 W10-38 ..... " " " " " " " " " "  
 W10-39 ..... " " " " " " " " " "  
 W10-40 ..... " " " " " " " " " "  
 W10-41 ..... " " " " " " " " " "  
 W10-42 ..... " " " " " " " " " "

ROW 4

CB

No

W96-13	.....	G. harknessii (861) x G. thurberi (112) F <sub>2</sub> (selfed).
W96-14	.....	" " " " " " " " " " " "
W96-15	.....	" " " " " " " " " " " "
W96-16	.....	" " " " " " " " " " " "
W96-17	.....	" " " " " " " " " " " "
W96-18	.....	" " " " " " " " " " " "
W96-19	.....	" " " " " " " " " " " "
W96-20	.....	" " " " " " " " " " " "
W96-21	.....	" " " " " " " " " " " "
W96-22	.....	" " " " " " " " " " " "

ROW 5

W41-11	.....	G. Harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W41-12	.....	" " " " " " " " " " " "
W41-13	.....	" " " " " " " " " " " "
W41-14	.....	" " " " " " " " " " " "
W41-15	.....	" " " " " " " " " " " "
W41-16	.....	" " " " " " " " " " " "
W41-17	.....	" " " " " " " " " " " "
W41-18	.....	" " " " " " " " " " " "
W41-19	.....	" " " " " " " " " " " "
W41-20	.....	" " " " " " " " " " " "

*diel* →

ROW 6

W41-21	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W41-22	.....	" " " " " " " " " " " "
W41-23	.....	" " " " " " " " " " " "
W41-24	.....	" " " " " " " " " " " "
W41-25	.....	" " " " " " " " " " " "
W41-26	.....	" " " " " " " " " " " "
W41-27	.....	" " " " " " " " " " " "
W41-28	.....	" " " " " " " " " " " "
W41-29	.....	" " " " " " " " " " " "

ROW 7

W41-30	.....	G. harknessii (861) x G. armourianum (867) F <sub>2</sub> (selfed).
W41-31	.....	" " " " " " " " " " " "

ROW 1

CE

No

- W33 ..... G. barbadense (W5) x G. struttii (564).  
 W36 ..... G. contextum (542) x G. hopi (716).  
 W29 ..... G. hirsutum (723) x G. tomentosum (527).  
 W36 ..... G. barbadense (W5) x G. harknessii (861).  
 W44 ..... G. hirsutum (W12) x G. thurberi (112).  
 W59 ..... G. davidsonii (101) x G. sturtii (632).  
 W139 ..... G. hirsutum (W24) x G. sturtii (632).  
 W8 ..... G. armourianum (867) x G. thurberi (112).  
 W96 ..... G. harknessii (861) x G. thurberi (112).  
 W79 ..... G. nanking (824) x G. thurberi (112).  
 W41 ..... G. harknessii (861) x G. armourianum (867).  
 W58 ..... G. thurberi (112) x G. struttii (632).  
 W51 ..... G. contextum (542) x G. schottii (672).  
 W95 ..... G. purpurascens (531) x G. tomentosum (527).

ROW 2

- W94 ..... G. davidsonii (101) x G. anomalum (1051).  
 W12 ..... G. hirsutum.  
 W50 ..... G. hirsutum (723) x G. barbadense (W23).  
 W48 ..... G. herbaceum (723) x G. neglectum (785).  
 527 ..... G. tomentosum.  
 864 ..... G. palmeri?  
 W35 ..... G. sturtii (564) x G. harknessii (861).  
 W29 ..... G. hirsutum (723) x G. tomentosum (527).  
 W59 ..... G. davidsonii (101) x G. sturtii (632).  
 W139 ..... G. hirsutum (W24) x G. sturtii (632).  
 W9 ..... G. armourianum (867) x G. thurberi (112).  
 531 ..... G. purpurascens.  
 867 ..... G. armourianum.

*original to 2 copies*

ROW 3

CB

No

W33 ..... *G. barbadense* (W5) x *G. sturtii* (564).  
 W94 ..... *G. davidsonii* (101) x *G. anomalum* (1051).  
 W55 ..... *G. contextum-hopi* (W26) x *G. anomalum* (1051).  
 W79 ..... *G. nanking* (824) x *G. thurberi* (112).  
 W35 ..... *G. sturtii* (564) x *G. harknessii* (861).  
 W41 ..... *G. harknessii* (861) x *G. armourianum* (867).  
 W51 ..... *G. contextum* (542) x *G. schottii* (672).  
 651 ..... *Shantzia garckeana*.  
 W36 ..... *G. barbadense* (W5) x *G. harknessii* (861).  
 W12 ..... *G. hirsutum*.  
 1051 ..... *G. anomalum*.  
 861 ..... *G. armourianum*.

ROW 4

W94 ..... *G. davidsonii* (101) x *G. anomalum* (1051).  
 W40 ..... *G. sturtii* (564) x *G. armourianum* (867).  
 W41-5 ... *G. harknessii* (861) x *G. armourianum* (867) F<sub>2</sub> (selfed).  
 W41 ..... *G. harknessii* (861) x *G. armourianum* (867).  
 W59 ..... *G. davidsonii* (101) x *G. sturtii* (632).  
 W41-6 ... *G. harknessii* (861) x *G. armourianum* (867) F<sub>2</sub> (selfed).  
 W40 ..... *G. sturtii* (564) x *G. armourianum* (867).  
 W8 ..... *G. armourianum* (867) x *G. thurberi* (112).  
 W35 ..... *G. sturtii* (564) x *G. harknessii* (861).  
 W10-4 ... *G. davidsonii* (101) x *G. Klotzschianum* (700) F<sub>2</sub> (open).  
 W78 ..... *G. peruvianum* (662) x *G. darwinii* (702).

ROW 5

CB  
NO

- W34 ..... *G. hirsutum* (W24) x *G. armourianum* (867).  
 W8-30 ... *G. armourianum* (867) x *G. thurberi* (112) F<sub>2</sub> (selfed).  
 W29-6 ... *G. hirsutum* (723) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W58 ..... *G. thurberi* (112) x *G. sturtii* (832).  
 W35 ..... *G. sturtii* (564) x *G. harknessii* (861).  
 W8 ..... *G. armourianum* (867) x *G. thurberi* (112).  
 W79 ..... *G. nanking* (824) x *G. thurberi* (112).  
 W21 -  
 W80-7.... *G. hirsutum* (W64) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W00 ..... *G. klotzschianum*.

ROW 6

- W33 ..... *G. barbadense* (W5) x *G. sturtii* (564).  
 101 ..... *G. davidsonii*.  
 W43 ..... *G. hirsutum* (W24) x *G. armourianum* (867).  
 W26-9 ... *G. barbadense* (W5) x *G. harknessii* (861) F<sub>2</sub> (open).  
 545 ..... American x Asiatic F<sub>1</sub>.  
 W56-8 ... *G. contextum* (542) x *G. armourianum* (867) F<sub>2</sub> (open).  
 W56-9 ... " " " " " " " "  
 W95-5 ... *G. purpureascens* (531) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 662 ~~532~~ ..... ~~*G. sturtii*~~.

ROW 7

CB

No

W3-31 ..... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
W40 ..... G. sturtii (564) x G. armourianum (867).  
W3-32 ..... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
W3-26 ..... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
W3-27 ..... " " " " " " " " " "  
339 ..... *Thespesia lampus*.  
632 ..... *G. sturtii*.

ROW 8

W3 x 867-3 G. armourianum-thurberi (W3) x G. armourianum (867).  
W3 x 867-4 " " " " " " " " "  
W3 x 112-14 G. armourianum-thurberi (W3) x G. thurberi (112).  
112 ..... *G. thurberi*.  
W35-6 ..... G. purpurascens (531) x G. tomentosum (527) F<sub>2</sub> (open).  
W35 ..... G. purpurascens (531) x G. tomentosum (527).

ROW 9

W36 ..... *G. barbadense* (W3) x *G. harknessii* (861).  
W36-1-18 .. *G. barbadense* (W3) x *G. harknessii* (861) F<sub>3</sub> (open).  
W35 ..... *G. purpurascens* (531) x *G. tomentosum* (527).

ROW 10

617 ..... *Erioxylum aridum*.

Herb. Acad. 1939  
Upper Field.

1938

Gossypium Species, Relatives and Hybrids at Riverside.

<u>CB</u>	<u>ROW 1</u>					
<u>No</u>						
W102 ...	G. hirsutum,	Tuxtla cotton.	Seeds colchicine treated.			
632 ....	G. sturtii.	Seeds colchicine treated.	#4.			
632 ....	"	"	"	"	"	"
632 ....	"	"	"	"	"	seedling 17b.
632 ....	"	"	"	"	"	" 16b.
112 ....	G. thurberi.	Seeds colchicine treated.	#4.			
112 ....	"	"	"	"	"	"
112 ....	"	"	"	"	"	seedlings 9b.
112 ....	"	"	"	"	"	" 16a.
112 ....	"	"	"	"	"	" 17a.

ROW 2

- 632 ...	G. sturtii.	Seeds colchicine treated	#4.			
- 632 ...	"	"	"	"	"	"
632 ...	"	"	"	"	"	"
632 ...	"	"	"	"	"	seedlings 13b.
632 ...	"	"	"	"	"	" 12b.
112 - 632 ...	"	"	"	"	"	" 8c.
112 ...	G. thurberi.	seeds colchicine treated	#4.			
112 ...	"	"	"	"	"	seedlings 12a.
112 ...	"	"	"	"	"	" 14b.
112 ...	"	"	"	"	"	" 9a.

CB

NoROW 3

- 112 ... G. thurberi. Seeds colchicine treated #4, seedlings 8a.  
 867 ... G. armourianum.  
 W59-W24 ... ~~G. hirsutum, Tosla cotton, seeds~~ colchicine treated #4. *dead - W59 replacement*  
 101 ... G. davidsonii.  
 101 ... " " .  
 861 ... G. harknessii.  
 861 ... " " .  
 700 ... G. klotzschianum.  
 700 ... " " .

ROW 4

- W37 ... G. hirsutum (W24) x G. thurberi (112), plant colchicine treated #7.  
 422 ... G. cernuum.  
 422 ... " " .  
 393 ... G. nanking.  
 393 ... " " .  
 824 ... G. nanking.  
 824 ... " " .  
 - W24 ... G. hirsutum, ~~acacia~~ cotton, ~~seeds~~ colchicine treated #4. *dead - W59 replacement*  
 - W15 ... G. cernuum.  
 - W26-1 ... G. harknessii (861) x G. thurberi (112) F<sub>2</sub>, seedling colchicine treated #11.  
 W21 ... G. hirsutum (W64) x G. cernuum (W15), plant colchicine treated #5.  
 - 743 ... G. herbaceum.  
 - 743 ... " " .  
 112 ... G. thurberi, seed colchicine treated #4.

CB		
No		<u>ROW 5</u>
- 1023	...	<i>C. herbaceum.</i>
- 1023	...	" "
784	....	<i>C. nanking.</i>
784	....	" "
786	....	<i>C. neglectum.</i>
786	....	" "
785	....	<i>C. neglectum.</i>
W139	...	<i>C. hirsutum</i> (W24) x <i>C. sturtii</i> (632), plant colchicine treated #2.
787	....	<i>C. sanguineum.</i>
824	....	<i>C. nanking.</i>
749	....	<i>C. africanum.</i>
749	....	" "
1128	...	<i>C. arboreum</i> ?
1126	...	<i>C. arboreum</i> ?
- 1127	...	<i>C. arboreum</i> ?
- 112	....	<i>C. thurberi</i> , seeds colchicine treated #4.

ROW 6

437	....	<i>C. punctatum.</i>
1065	...	<i>C. barbadense</i> , from n plant selfed.
W24	....	<i>C. hirsutum</i> , acala.
W24	....	" " " "
716	....	<i>C. hopi.</i>
1145	....	<i>C. palmeri.</i>
W54	....	<i>C. hirsutum</i> , red acala.
1145	....	<i>C. palmeri.</i>
396	....	<i>C. morrilli.</i>
396	....	" "
541	....	<i>C. patens.</i>
W54	....	<i>C. hirsutum</i> , red acala.
- 672	....	<i>C. schottii.</i>
- 672	....	" "
662	....	<i>C. peruvianum.</i>
662	....	" "

ROW 7

GB

No

- SB105 .. Sphaeralcea abutiloides.  
 SB210 .. Sphaeralcea umbellata.  
 1187 ... Gossypium sp.  
 1187 ... " " .  
 1201 ... Gossypium sp.  
 1201 ... " " .  
 527 .... G. tomentosum.  
 W102 ... G. hirsutum, tuxtla cotton.  
 W16 .... Gossypium sp., ( Wild cotton, Florida ).  
 W16 .... " " " " " " .  
 421 .... G. jamaicense? ( Wild cotton, Florida ).  
 421 .... " " " " " " .  
 542 .... G. contextum.  
 542 .... " " .  
 531 ... G. purpurascens.  
 797 ... G. hirsutum, acala okra leaf cotton.  
 673 ... G. brasiliense.  
 673 ... " " .  
 1083 .. G. tridens.  
 702 ... G. darwinii. *Hybrid* 2  
 702 ... " " .

ROW 8

	CB	
	No	
	W5	.... G. barbadense.
	W23	... G. barbadense, pima cotton.
	W41	... G. barknessii (861) x G. amourianum (867).
	1186	.. Gossypium sp.
W79	→1201	.. Gossypium sp. <i>not - W79 seed</i>
	W10-5	.. G. davidsonii (101) x G. klotzschianum (700) F <sub>2</sub> . (selfed).
W79	→620	... G. arboreum, seeds colchicine treated #5. <i>not - W79 seed</i>
	1183	.. Gossypium sp.
	W12	... G. hirsutum, Rowden lintless.
-	W12	... " " " " "
	864	... G. palmeri ? F <sub>1</sub> ?
	864	... " " ?
-	1051	.. G. anarsalum.
-	1051	.. " " "
	1186	.. Gossypium sp.
	339	... Theopelia lampas.
	112	... G. thurberi.
-	1145	.. G. palmeri.

ROW 9

CB  
No.  
 W94 .... G. davidsonii (101) X G. anomalum (1051).  
 W94 .... " " " " " " " "  
 W8-1 ... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
 1086a .. Coosypium sp. budded to Will..G.herbaceum(743) x G.sturtii(632).  
 W81..... G. hirsutum (W64) x G. sturtii (632).  
 1145 ... G. palmeri.  
 - W96-2 .. G. harknessii (861) x G. thurberi (112) F<sub>2</sub> (selfed).  
 1145 W96-3 .. " " " " " " " " *only 1145 exist*  
 W56 .... G.contextum (542) x G. armourianum (867).  
 W96-4 .. G. harknessii (861) x G. thurberi (112) F<sub>2</sub> (selfed).  
 W34 .... G. hirsutum (W24) x G. armourianum (867).  
 - W9-1 ... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
 W27-1 .. G. sanguineum (787) x G. anomalum (1051) F<sub>2</sub> (selfed).  
 W27-2 .. " " " " " " " "  
 W29..... G. hirsutum (723) x G. tomentosum (527).  
 W8 .... G. armourianum (867) x G. thurberi (112).  
 W10-6 .. G. davidsonii (101) x G. klotzschianum (700) F<sub>2</sub> (selfed).  
 W10-7 .. " " " x " " " " "  
 W8-3 .... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
 - W8-4 .... " " " " " " " "







ROW 15

CB

No

W79 ..... *G. nanking* (824) x *G. thurberi* (112).  
 W56-1 ... *G. contextum* (542) x *G. armourianum* (867) F<sub>2</sub> (selfed).  
 W21-2 ... *G. hirsutum* (W64) x *G. cernuum* (W15) F<sub>2</sub> (open).  
 W80-4 ... *G. hirsutum* (W64) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W56 ..... *G. contextum* (542) x *G. armourianum* (867).  
 W56-3 ... *G. contextum* (542) x *G. armourianum* (867) F<sub>2</sub> (selfed).  
 W56-4 ... " " " " " " " " "  
 W56-5 ... " " " " " " " " (open).  
 W56-6 ... " " " " " " " " "  
 W44 ..... *G. hirsutum* (W12) x *G. thurberi* (112).  
 651 ..... *Shantzia gracileana*.  
 W80-5 ... *G. hirsutum* (W64) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W29 ..... *G. hirsutum* (723) x *G. tomentosum* (527).  
 W29 ..... " " " " " " " "  
 W29-2 ... *G. hirsutum* (723) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W10-15 ... *G. davidsonii* (101) x *G. klotzschianum* (700) F<sub>2</sub> (selfed).  
 W29-4 ... *G. hirsutum* (723) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W95-2 ... *G. purpurascens* (531) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W95-3 ... " " " " " " " " (open).  
 W95-4 ... " " " " " " " " "  
 W95 ..... *G. purpurascens* (531) x *G. tomentosum* (527).

ROW 14

CB

No

- W44 ..... *G. hirsutum* (W12) x *G. thurberi* (112).  
 - 1086 ..... *Cossypium* sp.  
 W56-7 ... *C. contextum* (542) x *C. armourianum* (867) F<sub>2</sub> (open).  
 W40 ..... *G. sturtii* (564) x *G. armourianum* (867).  
 W21-3 ... *G. hirsutum* (W64) x *G. cernuum* (W15) F<sub>2</sub> (open).  
 W29 ..... *C. hirsutum* (723) x *G. tomentosum* (527).  
 W81 ..... *G. hirsutum* (W64) X *G. sturtii* (632).  
 W29-5 ... *C. hirsutum* (723) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W55 ..... *C. Contextum-hopi* (W26) x *G. anomalum* (1051).  
 W80 ..... *G. hirsutum* (W64) x *G. tomentosum* (527).  
 W80-7 ... *G. hirsutum* (W64) x *G. tomentosum* (527) F<sub>2</sub> (selfed).  
 W45 ..... *C. hirsutum* (W24) x *G. armourianum* (867).  
 W28 ..... *G. barbadense* (W23) x *G. tomentosum* (527).  
 W50 ..... *C. hirsutum* (723) x *G. barbadense* (W23).  
 W58 ..... *G. thurberi* (112) x *G. sturtii* (632).  
 W50 ..... *C. hirsutum* (723) x *G. barbadense* (W23).  
 W26 ..... *C. contextum* (542) x *G. hopi* (716).  
 W36 ..... " " " " " " "  
 646 ..... American x Asiatic F<sub>1</sub>.  
 W51 ..... *C. contextum* (542) x *C. schottii* (872).  
 W56 ..... *C. contextum* (542) x *G. armourianum* (867).  
 W78 ..... *G. peruvianum* (662) x *C. darwinii* (702).

ROW 15

CB

No

- W41-2 ..... G. harknessii (861) x G. armourianum (867) F<sub>2</sub> (selfed).  
 W9 ..... G. armourianum (867) x G. thurberi (112).  
 W9-3 ..... G. armourianum (867) x G. thurberi (112) F<sub>2</sub> (selfed).  
 W8 ..... G. armourianum (867) x G. thurberi (112).  
 W41-5 ..... G. harknessii (861) x G. armourianum (867) F<sub>2</sub> (selfed).  
 W8 ..... G. armourianum (867) x G. thurberi (112).  
 W9 ..... G. armourianum (867) x G. thurberi (112).  
 W9 x 867-1 G. armourianum-thurberi (W9) x G. armourianum (867).  
 W41 ..... G. harknessii (861) x G. armourianum (867).  
 W10-1 ..... G. davidsonii (101) x G. Klotzschianum (700) F<sub>2</sub> (open).  
 W58 ..... G. thurberi (112) x G. sturtii (564).  
 W35 ..... G. sturtii (564) x G. harknessii (861).  
 W96-8 ..... G. harknessii (861) x G. thurberi (112), F<sub>2</sub> (selfed).  
 W35 ..... G. sturtii (564) x G. harknessii (861).  
 W10-2 ..... G. davidsonii (101) x G. Klotzschianum (700) F<sub>2</sub> (open).  
 W59 ..... G. davidsonii (101) x G. sturtii (564).  
 W39 ..... " " " " " "  
 W40 ..... G. sturtii (564) x G. armourianum (867).  
 W41 ..... G. harknessii (861) x G. armourianum (867).  
 W41-4 ..... G. harknessii (861) x G. armourianum (867) F<sub>2</sub> (selfed).  
 W10-15 .... G. davidsonii (101) x G. Klotzschianum (700) F<sub>2</sub> (selfed).



ROW 17

<u>CB</u>	<u>No</u>	
	W58	..... <i>G. thurberi</i> (112) x <i>G. sturtii</i> (632).
✓	W99	..... <i>G. sanguineum</i> (787) x <i>G. stocksii</i> (763).
✓	W41-9	.... <i>G. harknessii</i> (861) x <i>G. armourianum</i> (867) F <sub>2</sub> (selfed).
	1051	..... <i>G. anomalum</i> .
✓	W27-4	.... <i>G. sanguineum</i> (787) x <i>G. anomalum</i> (1051) F <sub>2</sub> (open).
	W94	..... <i>G. davidsonii</i> (101) x <i>G. anomalum</i> (1051).
	W41-10	... <i>G. harknessii</i> (861) x <i>G. armourianum</i> (867) F <sub>2</sub> (selfed).
	W27-5	.... <i>G. sanguineum</i> (787) x <i>G. anomalum</i> (1051) F <sub>2</sub> (open).
✓	W27 x 1051-1	<i>G. sanguineum-anomalum</i> (W27) x <i>G. anomalum</i> (1051).
	W45	..... <i>G. sanguineum</i> (787) x <i>G. africanum</i> (419).
	W45	..... " " " " " " " " .
	W48	..... <i>G. herbaceum</i> (745) x <i>G. neglectum</i> (785).
	W48	..... " " " " " " " " .
	W48	..... " " " " " " " " .
	W79	..... <i>G. nanking</i> (824) x <i>G. thurberi</i> (112).
	W111	..... <i>G. herbaceum</i> (745) x <i>G. sturtii</i> (632).
	W10-19	... <i>G. davidsonii</i> (101) x <i>G. klotzschianum</i> (700) F <sub>2</sub> (selfed).
	W9 x 112-5	<i>G. armourianum-thurberi</i> (W9) x <i>G. thurberi</i> (112).
	W79	..... <i>G. nanking</i> (824) x <i>G. thurberi</i> (112), plant colchicine treated Nos. 1 & 10.
	W96	..... <i>G. harknessii</i> (861) x <i>G. thurberi</i> (112).

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Gossypium, Species, Relatives and Hybrids

	CB No	Row 1	
1	W10-20 ...	Gossypium davidsonii-klotzschianum F <sub>2</sub> , open.	- 1223
2	W10-21 ...	" " " " " "	- 1223
3	W10-22 ...	" " " " " "	- 1223
4	W10-23 ...	" " " " " "	- 1223
5	W10-24 ...	" " " " " "	- 1223
6	W10-25 ...	" " " " " "	- 1223
7	W10-26 ...	" " " " " "	- 1223
8	W79 ...	Gossypium nanking (824) x Gossypium thurberi (112), cutting.	
9	W21 ...	Gossypium hirsutum (W64) x Gossypium cernuum (W15), cutting.	
10	W37 ...	Gossypium hirsutum (W24) x Gossypium thurberi (112), cutting.	
11	763 ...	Gossypium stocksii - 1051	} annular
12	763 ...	Gossypium stocksii - OK	
13	763 ...	" " - 1051	
14	763 ...	" " - 1051	
15	1051 ...	Gossypium anomalum - OK	
16	1051 ...	" " - OK	

marked for  
1942 planting  
grammatis

		Row 2	
1	W10-27 ...	Gossypium davidsonii-klotzschianum F <sub>2</sub> , open.	- 763
2	W10-28 ...	" " " " " "	- 763
3	W10-29 ...	" " " " " "	- 763
4	W10-30 ...	" " " " " "	- 1242
5	W10-31 ...	" " " " " "	- 672
6	W10-32 ...	" " " " " "	- 101
7	W10-33 ...	" " " " " "	- 101
8	W10-34 ...	" " " " " "	- 700
9	W10-35 ...	" " " " " "	- 700
10	W10-36 ...	" " " " " "	- 700
11	W97 ...	Gossypium hirsutum, okra leaf acala, 3rd inbred generation.	- 700
12	864 ...	Gossypium sp., 1st inbred generation.	
13	531 ...	Gossypium purpurascens.	
14	W99 ...	Gossypium sanguineum (787) x Gossypium stocksii (763), cutting.	
15	W106 ...	Gossypium nanking (393) x Gossypium anomalum (1051).	
16	W79 ...	Gossypium nanking (824) x Gossypium thurberi (112), cutting.	
17	W111 ...	Gossypium herbaceum (743) x Gossypium sturtii (632), cutting.	

} g. stocksii  
} g. tuckerm  
} g. schottii  
} g. davidsonii x inbred  
} g. leibytzschianum

		CB	Row 3				
		No					
1	W96-9	...	Gossypium	harknessii-thurberi	F <sub>2</sub> , selfed.	-867	} <i>armourianum</i> var
2	W96-10	...	"	"	"	.867	
3	W96-11	...	"	"	"	.867	
4	W96-12	...	"	"	"	.861	
5	W10-37	...	Gossypium	dauidsonii-klotzschianum	F <sub>2</sub> , open	-861	} <i>harknessii</i>
6	W10-38	...	"	"	"	.861	
7	W10-39	...	"	"	"	.112	
8	W10-40	...	"	"	"	.112	
9	W10-41	...	"	"	"	.112	
10	W10-42	...	"	"	"	.531	
11	W104	...	Gossypium	harknessii-thurberi	(W96) x Gossypium aridum (817).		
12	W56	...	Gossypium	contextum	(542) x Gossypium armourianum (867), cutting.		
13	W56	...	"	"	"	"	"
14	W109	...	Gossypium	hirsutum	(W64) x Gossypium harknessii (861).		
15	W109	...	"	"	"	"	"
16	W107	...	Gossypium	barbadense	(W23) x Gossypium armourianum (867).		
17	W107	...	"	"	"	"	"
18	W36	...	Gossypium	barbadense	(W5) x Gossypium harknessii (861), cutting.		

		Row 4				
1	W96-13	...	Gossypium	harknessii-thurberi	F <sub>2</sub> , selfed.	
2	W96-14	...	"	"	"	"
3	W96-15	...	"	"	"	"
4	W96-16	...	"	"	"	"
5	W96-17	...	"	"	"	"
6	W96-18	...	"	"	"	"
7	W96-19	...	"	"	"	"
8	W96-20	...	"	"	"	"
9	W96-21	...	"	"	"	dead
10	W96-22	...	"	"	"	"
11	W142	...	Gossypium	barbadense	(W23) x Gossypium thurberi (112).	
12	W132	...	Gossypium	hirsutum	(W24) x Gossypium aridum (617).	
13	W132	...	"	"	"	"
14	W120	...	Gossypium	hirsutum	(W64) x Gossypium aridum (617).	
15	W120	...	Gossypium	"	"	"
16	W81	...	Gossypium	hirsutum	(W64) x Gossypium sturtii (632), cutting.	
17	W139	...	Gossypium	hirsutum	(W24) x Gossypium sturtii (632), cutting.	
18	W139	...	"	"	"	"
19	W33	...	Gossypium	barbadense	(W5) x Gossypium sturtii (664), cutting.	700

	CB	Row 5
	No	
1	W41-11	... <i>Gossypium harknessii-armourianum</i> F <sub>2</sub> , selfed.
2	W41-12	... " " " " " "
3		... <i>missina</i>
4	W41-14	... <i>Gossypium harknessii-armourianum</i> F <sub>2</sub> , selfed.
5	W41-15	... " " " " " "
6	<del>W41-16</del>	<del>... " " " " " "</del> - dead
7	W41-17	... " " " " " "
8	W41-18	... " " " " " "
9	W41-19	... " " " " " "
10	W41-20	... " " " " " "
11	W33	... <i>Gossypium barbadense</i> (W5) x <i>Gossypium sturtii</i> (564), cutting.
12	W112	... <i>Gossypium darwinii</i> (702) x <i>Gossypium sturtii</i> (532).
13	W21	... <i>Gossypium hirsutum</i> (W64) x <i>Gossypium cernuum</i> (W15), cutting.
14	W21	... " " " " " "
15	W55	... <i>Gossypium contextum-hopi</i> (W26) x <i>Gossypium anomalum</i> (1051), cutting.
16	W55	... " " " " " "
17	W114	... <i>Gossypium hirsutum</i> (W24) acala x <i>Gossypium hirsutum</i> (W97) okra leaf acala.
18	W114	... " " " " " "
19	W115	... <i>Gossypium palmeri</i> (1145) x <i>Gossypium</i> sp. (864).
20	W115	... " " " " " "

	Row 6
1	W41-21 ... <i>Gossypium harknessii-armourianum</i> F <sub>2</sub> , selfed.
2	W41-22 ... " " " " " "
3	W41-23 ... " " " " " "
4	W41-24 ... " " " " " "
5	W41-25 ... " " " " " "
6	W41-26 ... " " " " " "
7	W41-27 ... " " " " " "
8	W41-28 ... " " " " " "
9	W41-29 ... " " " " " "
10	W116 ... <i>Gossypium hirsutum</i> , acala (W24) x <i>Gossypium</i> sp. (864).
11	W116 ... " " " " " "
12	W117 ... <i>Gossypium hirsutum</i> , acala (W24) x <i>Gossypium palmeri</i> (1145).
13	W117 ... " " " " " "
14	W119 ... <i>Gossypium palmeri</i> (1145) x <i>Gossypium hirsutum</i> (W97) okra leaf acala.
15	W119 ... " " " " " "

902  
*G. jarroviense* - 421  
 793  
 W157 - *G. darwinii* 15' in bud  
 527

CB

Row 7

- 1            No  
W41-30 ... *Gossypium harknessii-armourianum* F<sub>2</sub>, selfed.  
2            W41-31 ...        "        "        "        "        .

Row 8

- 1            524 ... ~~*Alyogyne hakeaeifolia*~~. — ~~dead~~-861 } *g. amara*  
2            359 ... ~~*Thespesia lampas*~~. — 861  
3            W60 ... ~~*Julostylis angustifolia*~~. — 632 } *g. schultzei*  
4            W32 ... ~~*Bombycidendron vidalianum*~~

Row 9

- 1            W19 ... *Hibiscus tiliaceus*. — ~~dead~~ 867 } *amara*  
2            W31 ... *Hibiscus brackenridgel*. — 867  
3            W4 ... *Lagunaria pattersonii*. — 632

Row 10

112 } *trubeni*  
112 }

C	CB		Row 1	
	No			
1	W33	...	Gossypium barbadense (W5) x Gossypium sturtii (564).	
2	W26	...	Gossypium contextum (542) x Gossypium hopi (716).	dead
3	W29	...	Gossypium hirsutum (723) x Gossypium tomentosum (527).	
4	W36	...	Gossypium barbadense (W5) x Gossypium harknessii (861).	
5	<del>W44</del>	...	<del>Gossypium hirsutum (W12) x Gossypium thurberi (112).</del>	dead
6	W59	...	Gossypium davidsonii (101) x Gossypium sturtii (632).	
7	W139	...	Gossypium hirsutum (W24) x Gossypium sturtii (632).	
8	W8	...	Gossypium armourianum (867) x Gossypium thurberi (112).	
9	W96	...	Gossypium harknessii (861) x Gossypium thurberi (112).	dead
10	<del>W79</del>	...	<del>Gossypium nanking (824) x Gossypium thurberi (112).</del>	dead
11	W41	...	Gossypium harknessii (861) x Gossypium armourianum (867).	
12	W58	...	Gossypium thurberi (112) x Gossypium sturtii (632).	
13	W51	...	Gossypium contextum (542) x Gossypium schottii (672).	
14	W95	...	Gossypium purpurascens (531) x Gossypium tomentosum (527).	

Row 2				
1	W94	...	Gossypium davidsonii (101) x Gossypium anomalum (1051).	
2	<del>W12</del>	...	<del>Gossypium hirsutum.</del>	dead
3	W50	...	Gossypium hirsutum (723) x Gossypium barbadense (W23).	
4	<del>W48</del>	...	<del>Gossypium herbaceum (723) x Gossypium neglectum (785).</del>	dead
5	<del>527</del>	...	<del>Gossypium tomentosum.</del>	dead
6	864	...	Gossypium palmeri?	
7	W35	...	Gossypium sturtii (564) x Gossypium harknessii (861).	
8	W29	...	Gossypium hirsutum (723) x Gossypium tomentosum (527).	
9	W59	...	Gossypium davidsonii (101) x Gossypium sturtii (632).	
10	W139	...	Gossypium hirsutum (W24) x Gossypium sturtii (632).	
11	W9	...	Gossypium armourianum (867) x Gossypium thurberi (112).	
12	<del>561</del>	...	<del>Gossypium purpurascens.</del>	dead
13	867	...	Gossypium armourianum.	

CB Row 3

- No
- 1 ~~W33 ... Gossypium barbadense (W5) x Gossypium sturtii (564).~~ *dead*
- 2 W94 ... Gossypium davidsonii (101) x Gossypium anomalum (1051).
- 3 W55 ... Gossypium contextum-hopi (W26) x Gossypium anomalum (1051).
- 4 W79 ... Gossypium nanking (824) x Gossypium thurberi (112).
- 5 W35 ... Gossypium sturtii (564) x Gossypium harknessii (861).
- 6 W41 ... Gossypium harknessii (861) x Gossypium armourianum (867).
- 7 ~~W51 ... Gossypium contextum (542) x Gossypium schottii (672).~~
- 8 651 ... Shantzia garckeana.
- 9 W36 ... Gossypium barbadense (W5) x Gossypium harknessii (861).
- 10 W12 ... Gossypium hirsutum. *dead*
- 11 1061 ... ~~Gossypium anomalum.~~ "
- 12 861 ... Gossypium armourianum.

Row 4

- 1 W94 ... Gossypium davidsonii (101) x Gossypium anomalum (1051).
- 2 W40 ... Gossypium sturtii (564) x Gossypium armourianum (867).
- 3 *dead* ~~W41-5 ... Gossypium harknessii (861) x Gossypium armourianum (867) F<sub>2</sub> (selfed).~~
- 4 W41 ... Gossypium harknessii (861) x Gossypium armourianum (867).
- 5 W59 ... Gossypium davidsonii (101) x Gossypium sturtii (632).
- 6 *dead* ~~W41-6 ... Gossypium harknessii (861) x Gossypium armourianum (867) F<sub>2</sub> (selfed).~~
- 7 *dead* ~~W40 ... Gossypium sturtii (564) x Gossypium armourianum (867).~~
- 8 W8 ... Gossypium armourianum (867) x Gossypium thurberi (112).
- 9 W35 ... Gossypium sturtii (564) x Gossypium harknessii (861).
- 10 W10-4 ... Gossypium davidsonii (101) x Gossypium klotzschianum (700) F<sub>2</sub> (open).
- 11 W78 ... Gossypium peruvianum (662) x Gossypium darwini (702).

		<u>Row 5</u>	
		CB	
		No	
1		W34 ...	Gossypium hirsutum (W24) x Gossypium armourianum (867).
2		WB-30 ...	Gossypium armourianum (867) x Gossypium thurberi (112) F <sub>2</sub> (selfed).
3		<del>W29-6 ...</del>	<del>Gossypium hirsutum (786) x Gossypium tomentosum (527) F<sub>2</sub> (selfed).</del> <i>dead</i>
4		W58 ...	Gossypium thurberi (112) x Gossypium sturtii (632).
5		W35 ...	Gossypium sturtii (564) x Gossypium harknessii (861).
6		WB ...	Gossypium armourianum (867) x Gossypium thurberi (112).
7	<i>dead</i>	<del>W79 ...</del>	<del>Gossypium nanking (824) x Gossypium thurberi (112).</del>
8		<del>W21 ...</del>	<del>Gossypium hirsutum (W64) x Gossypium cernuum (W15).</del>
9		W80-7 ...	Gossypium hirsutum (W64) x Gossypium tomentosum (527) F <sub>2</sub> (selfed).
10	<i>dead</i>	<del>700 ...</del>	<del>Gossypium klotzschianum.</del>

		<u>Row 6</u>	
1		W33 ...	Gossypium barbadense (W5) x Gossypium sturtii (564).
2		101 ...	Gossypium davidsonii.
3		W43 ...	Gossypium hirsutum (W24) x Gossypium armourianum (867).
4		W36-9 ...	Gossypium barbadense (W5) x Gossypium harknessii (861) F <sub>2</sub> (open).
5		646 ...	American x Asiatic F <sub>1</sub> .
6	<i>dead</i>	<del>W56-8 ...</del>	<del>Gossypium contextum (542) x Gossypium armourianum (867) F<sub>2</sub> (open).</del>
7		W56-9 ...	" " " " " " " " " " " "
8		W95-5 ...	Gossypium purpureascens (531) x Gossypium tomentosum (527) F <sub>2</sub> (selfed).
9		△ 662 ...	Gossypium peruvian.



Notes 6/53

PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace

Gossypium Species, Relatives and Hybrids.

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 1</u>
1	1223	... Gossypium raimondii.
2	1223	... " " .
3	1223	... " " .
4	1223	... " " .
5	1223	... " " .
6	1223	... " " .
7	1223	... " " .
8	W79	... Gossypium arboreum var. neglectum (824) x G. thurberi (112).
9	W21	... Gossypium hirsutum (W64) x G. arboreum var. cernuum (422).
10	W37	... Gossypium hirsutum (W24) x G. thurberi (112).
11	1051	... Gossypium anomalum.
12	763	... Gossypium stocksii.
13	1051	... Gossypium anomalum.
14	1051	... " " .
15	1051	... " " .
16	1051	... " " .

all dead

121 = Upper terrace  
86 Lower terrace

Total of 207 plants

PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 2</u>
1 . . . .	763	... Gossypium stocksii.
2 . . . .	763	... " "
3 . . . .	763	... " "
4 . . . .	1342	... Gossypium taitense.
5 . . . .	672	... Gossypium schottii.
6 . . . .	101	... Gossypium davidsonii, 2nd inbred gen.
7 . . . .	101	... " " " " "
8 . . . .	700	... Gossypium klotzschianum.
9 . . . .	700	... " "
10 . . . .	700	... " "
11 . . . .	700	... " "
12 . . . .	864	... Gossypium palmeri 1st inbred gen.
13 . . . .	531	... Gossypium purpurascens.
14 . . . .	W99	... Gossypium arboreum var. neglectum (787) x G. stocksii (763).
15 . . . .	W106	... Gossypium arboreum var. neglectum (393) x G. anomalum (1051).
16 . . . .	W79	... Gossypium arboreum var. neglectum (824) x G. thurberi (112).
17 . . . .	W111	... Gossypium herbaceum var. typicum (743) x G. sturtii (632).

Long  
as 8 1/2  
Checked

Noted 1942  
←  
←  
←

## PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace.

<u>Plant No.</u>	<u>C. E. No.</u>	<u>Row 3</u>
1	867	... <i>Gossypium armourianum</i> .
✓2	867	... " " .
3	867	... " " .
4	861	... <i>Gossypium harknessii</i> .
✓5	861	... " " .
✓6	861	... " " .
7	112	... <i>Gossypium thurberi</i> .
8	112	... " " .
9	112	... " " .
10	531	... <i>Gossypium purpurascens</i> .
11	W104	... <i>Gossypium harknessii-thurberi</i> (W96) x <i>G. aridum</i> (617).
✓12	W56	... <i>Gossypium contextum</i> (542) x <i>G. armourianum</i> (867).
✓13	W56	... " " " " " " .
✓14	W109	... <i>Gossypium hirsutum</i> (W64) x <i>G. harknessii</i> (861).
✓15	W109	... " " " " " " .
16	W107	... <i>Gossypium barbadense</i> (W23) x <i>G. armourianum</i> (867).
✓17	W107	... " " " " " " .
✓18	W36	... <i>Gossypium barbadense</i> (W5) x <i>G. harknessii</i> (861).

Planted  
1942Planted  
1939

Living checked  
6/5 >

-4-

PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace.

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 4</u>
✓1	W96-13	... Gossypium harknessii-thurberi F <sub>2</sub> selfed.
2	W96-14	... " " " " " "
✓3	W96-15	... " " " " " "
4	W96-16	... " " " " " "
✓5	W96-17	... " " " " " "
6	W96-18	... " " " " " "
7	W96-19	... " " " " " "
8	W96-20	... " " " " " "
9	...	...
10	W96-22	... Gossypium harknessii-thurberi F selfed.
11	W142	... Gossypium barbadense (W23) x G. <sup>2</sup> thurberi (112).
12	W132	... Gossypium hirsutum (W24) x G. aridum (617).
✓13	W132	... " " " " " "
14	W120	... Gossypium hirsutum (W64) x G. aridum (617).
15	W120	... " " " " " "
16	W81	... Gossypium hirsutum (W64) x G. sturtii (632).
17	W139	... Gossypium hirsutum (W24) x G. sturtii (632).
18	W139	... " " " " " "
19	700	... Gossypium klotzschianum.

Planted  
1939

## PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace.

Plant No.	C. B. No.	Row 5
✓1	W41-11	... Gossypium harknessii-armourianum F <sub>2</sub> selfed.
✓2	W41-12	... " " " " " " " " " " " "
3		
4	W41-14	... Gossypium harknessii-armourianum F <sub>2</sub> selfed.
✓5	W41-15	... " " " " " " " " " " " "
6		
✓7	W41-17	... Gossypium harknessii-armourianum F <sub>2</sub> selfed.
8	W41-18	... " " " " " " " " " " " "
9	W41-19	... " " " " " " " " " " " "
10	W41-20	... " " " " " " " " " " " "
11	W33	... Gossypium barbadense (W5) x G. sturtii (564).
12	W112	... Gossypium darwinii (702) x G. sturtii (632).
13	W21	... Gossypium hirsutum (W64) x G. arboreum var. cernuum (422).
14	W21	... " " " " " " " " " " " "
✓15	W55	... Gossypium contextum-hopi (W26) x G. anomalum (1051).
16	W55	... " " " " " " " " " " " "
17	W114	... Gossypium hirsutum (W24) acala x G. hirsutum (W97) Okra acala.
18	W114	... " " " " " " " " " " " "
19	W115	... Gossypium palmeri (1145) x G. <sup>palmeri</sup> palmeri (864).
✓20	W115	... " " " " " " " " " " " "

Planted  
1939

1939

## PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace.

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 6</u>
1	W41-21	... Gossypium harknessii-armourianum F selfed.
199 / -2	W41-22	... " " " " 2 " .
3	W41-23	... " " " " " .
4	W41-24	... " " " " " .
5	W41-25	... " " " " " .
6	W41-26	... " " " " " .
7	W41-27	... " " " " " .
8	W41-28	... " " " " " .
9	W41-29	... " " " " " .
10	W116	... Gossypium hirsutum (W24) acala x G. palmeri (864). -
11	W116	... " " " " " " " " " .
12	W117	... Gossypium hirsutum (W24) acala x G. palmeri (1145). -
13	W117	... " " " " " " " " " .
14	W119	... Gossypium palmeri (1145) x G. hirsutum (W 97) Okra leaf. FR
15	W119	... " " " " " " " " " .
16	702	... Gossypium darwinii 1st inbred gen.
17	421	... Gossypium jamaicense, 1st inbred gen.
18	1223	... Gossypium raimondii.
19	W157	... Gossypium sp.
20	527	... Gossypium tomentosum.

PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Upper terrace

1937 /

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 7</u>
✓ 1 . . .	W41-30 . . .	Gossypium harknessii-armourianum F <sub>2</sub> selfed.
✓ 2 . . .	W41-31 . . .	" " " " " " .

Row 8

1942 /

✓ 1 . . .	861 . . .	Gossypium harknessii.
✓ 2 . . .	861 . . .	" " .
3 . . .	632 . . .	Gossypium sturtii.

Row 9

1 . . .	867 . . .	Gossypium armourianum.
← 2 . . .	867 . . .	" " .
3 . . .	632 . . .	Gossypium sturtii.

Row 10

1 . . .	112 . . .	Gossypium thurberi.
2 . . .	112 . . .	" " .

Plants dead

PLANTING PLAN, PALM SPRINGS, CALIF. - 1942.

Lower terrace

Gossypium Species, Relatives and Hybrids.

Some plants dead  
in 1942  
Others in 1939

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row</u>	<u>1</u>
1 . . .	W33 . . .	...	Gossypium barbadense (W5) x G. sturtii (564).
2 . . . . .	. . . . .	. . . . .	. . . . .
3 . . .	W29 . . .	...	Gossypium hirsutum (723) x G. tomentosum (527).
4 . . .	W36 . . .	...	Gossypium barbadense (W5) x G. harknessii (861).
5 . . . . .	. . . . .	. . . . .	. . . . .
6 . . .	W59 . . .	...	Gossypium davidsonii (101) x G. sturtii (632).
7 . . .	W139 . . .	...	Gossypium hirsutum (W24) x G. sturtii (632).
8 . . .	W8 . . .	...	Gossypium armourianum (867) x G. thurberi (112).
9 . . .	W96 . . .	...	Gossypium harknessii (861) x G. thurberi (112).
10 . . . . .	. . . . .	. . . . .	. . . . .
✓ 11 . . .	W41 . . .	...	Gossypium harknessii (861) x G. armourianum (867). (1937)
12 . . .	W58 . . .	...	Gossypium thurberi (112) x G. sturtii (632).
13 . . .	W51 . . .	...	Gossypium contextum (542) x G. schottii (672).
14 . . .	W95 . . .	...	Gossypium purpurascens (531) x G. tomentosum (527).

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Lower terrace

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 2</u>
1 . . .	W94	... Gossypium davidsonii (101) x G. anomalum (1051).
2 . . .		...
3 . . .	W50	... Gossypium hirsutum (723) x Gossypium barbadense (W23).
4 . . .		...
5 . . .		...
6 . . .	864	... Gossypium palmeri.
7 . . .	W35	... Gossypium sturtii (564) x G. harknessii (861).
8 . . .	W29	... Gossypium hirsutum (723) x G. tomentosum (527).
9 . . .	W59	... Gossypium davidsonii (101) x G. sturtii (632).
10 . . .	W139	... Gossypium hirsutum (W24) x G. sturtii (632).
11 . . .	W9	... Gossypium armourianum (867) x G. thurberi (112).
12 . . .		...
1937 ✓ 13 . . .	867	... Gossypium armourianum. 1939

Row 3

1 . . .		...
2 . . .	W94	... Gossypium davidsonii (101) x G. anomalum (1051).
3 . . .	W55	... Gossypium contextum-hopi (W26) x G. anomalum (1051).
4 . . .	W79	... Gossypium arboreum var. neglectum (824) x G. thurberi (112).
5 . . .	W35	... Gossypium sturtii (564) x G. harknessii (861).
1937 ✓ 6 . . .	W41	... Gossypium harknessii (861) x G. armourianum (867).
7 . . .		...
8 . . .	651	... Shantzia garckeana.
9 . . .	W36	... Gossypium barbadense (W5) x G. harknessii (861).
10 . . .		...
11 . . .		...
1937 ✓ 12 . . .	867	... Gossypium armourianum. 1939 (lasted in 1939 + 37 as 861 armourianum?) Hemlockian

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Lower terrace

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 4</u>
1	W94	... <i>Gossypium davidsonii</i> (101) x <i>G. anomalum</i> (1051).
2	W40	... <i>Gossypium sturtii</i> (564) x <i>G. armourianum</i> (867).
3		.....
4	W41	... <i>Gossypium harknessii</i> (861) x <i>G. armourianum</i> (867).
5	W59	... <i>Gossypium davidsonii</i> (101) x <i>G. sturtii</i> (632).
6		.....
7		.....
1937 8	W8	... <i>Gossypium armourianum</i> (867) x <i>G. thurberi</i> (112).
9	W35	... <i>Gossypium sturtii</i> (564) x <i>G. harknessii</i> (861).
117 10	W10-4	... <i>Gossypium davidsonii</i> - <i>klotzschianum</i> F <sub>2</sub> (open).
11	W78	... <i>Gossypium peruvianum</i> (662) x <i>G. darwinii</i> (702).

Row 5

1	W34	... <i>Gossypium hirsutum</i> (W24) x <i>G. armourianum</i> (867).
2	W8-30	... <i>Gossypium armourianum</i> - <i>thurberi</i> F <sub>2</sub> selfed.
3		.....
4	W58	... <i>Gossypium thurberi</i> (112) x <i>G. sturtii</i> (632).
5	W35	... <i>Gossypium sturtii</i> (564) x <i>G. harknessii</i> (861).
6	W8	... <i>Gossypium armourianum</i> (867) x <i>G. thurberi</i> (112).
7		.....
8		.....
9	W80-7	... <i>Gossypium hirsutum</i> - <i>tomentosum</i> F <sub>2</sub> selfed.
10		.....

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Lower terrace

<u>Plant No.</u>	<u>C. B. No.</u>	<u>Row 6</u>
1	W33	... Gossypium barbadense (W5) x G. sturtii (564).
1937 ✓ 2	101	... Gossypium davidsonii.
1937 ✓ 3	W43	... Gossypium hirsutum (W24) x G. armourianum (867).
4	W36-9	... Gossypium barbadense-harknessii F <sub>2</sub> open.
5	646	... American x Asiatic F <sub>1</sub> .
6		.....
7	W56-9	... Gossypium contextum-armourianum F <sub>2</sub> open.
8	W95-5	... Gossypium purpurascens-tomentosum F <sub>2</sub> selfed.
9	662	... Gossypium peruvianum.

Row 7

1		.....
2		.....
3	W8-32	... Gossypium armourianum-thurberi F <sub>2</sub> selfed.
4		.....
5	W9-27	... Gossypium armourianum-thurberi F <sub>2</sub> selfed.
6		.....
7		.....

Row 8

1		.....
2	W8 X 867-4	... Gossypium armourianum-thurberi (W8) x G. armourianum (867).
3		.....
4		.....
5	W95-6	... Gossypium purpurascens-tomentosum F <sub>2</sub> open.
1937 ✓ 6	W95	... Gossypium purpurascens (531) x G. tomentosum (527).

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Lower terrace

<u>Plant No.</u>		<u>C. B. No.</u>		<u>Row 9</u>
1	. . .	W36	...	Gossypium barbadense (W5) x G. harknessii (861).
2	. . .	W36-1-18	...	Gossypium barbadense-harknessii F. selfed.
3	. . .	W95	...	Gossypium purpurascens (531) x G. <sup>2</sup> tomentosum (527).

Row 10

1937 ✓ 1 . . . 617 . . . Gossypium (Erioxylum) aridum.

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Pt. No.	CB No.		<u>Row 1</u>
1 . . . . .	112	...	Gossypium thurberi
2 . . . . .	WL04	...	Gossypium harknessii-thurberi (W96) x G. aridum (617)
3 . . . . .	WL20	...	Gossypium hirsutum (W64) x G. aridum (617)
4 . . . . .	WL32	...	Gossypium hirsutum (W24) x G. aridum (617)
5 . . . . .			
6 . . . . .	617	...	Gossypium (Erioxylum) aridum
7 . . . . .	617	...	" " "
8 . . . . .	W4	...	Logunaria pattersonii

			<u>Row 2</u>
1 . . . . .	632	...	Gossypium sturtii
2 . . . . .	632	...	" "
3 . . . . .	1223	...	Gossypium raimondii
4 . . . . .	1223	...	" "
5 . . . . .	632	...	Gossypium sturtii
6 . . . . .	632	...	" "
7 . . . . .	632	...	" "
8 . . . . .	867	...	Gossypium armourianum
9 . . . . .	861	...	Gossypium harknessii
10 . . . . .	112	...	Gossypium thurberi
11 . . . . .	617	...	Gossypium (Erioxylum) aridum
12 . . . . .	101	...	Gossypium davidsonii 1st inbred gen.
13 . . . . .			
14 . . . . .	700	...	Gossypium klotzschianum
15 . . . . .			
16 . . . . .	112a	...	Gossypium thurberi, 4n shoot
17 . . . . .	867	...	Gossypium armourianum

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Pt. No.	CB No.	Row 3
1	W24	... <i>Gossypium hirsutum</i> , acala 12th inbred gen.
2	W102	... <i>Gossypium hirsutum</i> , tuxtla, 3rd inbred gen.
3	W102	... " " " " " "
4	W64	... <i>Gossypium hirsutum</i> , red acala, 2nd inbred. gen.
5	1342	... <i>Gossypium taitense</i> .
6	1342	... " "
7	W64	... <i>Gossypium hirsutum</i> , red acala, 2nd inbred gen.
8	W56	... <i>Gossypium contextum</i> (542) x <i>G. armourianum</i> (867).
9	541	... <i>Gossypium patens</i> , 1st inbred gen.
10	W36-1-3-1	... <i>Gossypium barbadense-harknessii</i> F <sub>4</sub> .
11	W143	... <i>Gossypium barbadense</i> (W5) x <i>G. thurberi</i> (112).
12	W106	... <i>Gossypium arboreum</i> var. <i>neglectum</i> (393) x <i>G. anomalum</i> (1051).
13	W41	... <i>Gossypium harknessii</i> (861) x <i>G. armourianum</i> (867).
14	W9	... <i>Gossypium armourianum</i> (867) x <i>G. thurberi</i> (112).
15	W96	... <i>Gossypium harknessii</i> (861) x <i>G. thurberi</i> (112).
16	W103	... <i>Gossypium armourianum-thurberi</i> (W9) x <i>G. aridum</i> (617).
17	W104	... <i>Gossypium harknessii-thurberi</i> (W96) x <i>G. aridum</i> (617).
18	W9	... <i>Gossypium armourianum</i> (867) x <i>G. thurberi</i> (112).
19	W153	... <i>Gossypium thurberi</i> (112) x <i>G. aridum</i> (617).
20	W96	... <i>Gossypium harknessii</i> (861) x <i>G. thurberi</i> (112).
21	W36-1-3-2	... <i>Gossypium barbadense-harknessii</i> F <sub>4</sub> .
22	W36-1-3-3	... " " " " " "
23	W95	... <i>Gossypium purpurascens</i> (531) x <i>G. tomentosum</i> (527).
24	W36-1-15-1	... <i>Gossypium barbadense-harknessii</i> F <sub>4</sub> .
25	W36-1-15-2	... " " " " " "
26	W36-1-15-3	... " " " " " "
27	W36-1-15-4	... " " " " " "
28	W111	... <i>Gossypium herbaceum</i> var. <i>typicum</i> (743) x <i>G. sturtii</i> (632).
29	W111	... " " " " " " " "
30	W58	... <i>Gossypium thurberi</i> (112) x <i>G. sturtii</i> (632).
31	W40	... <i>Gossypium sturtii</i> (564) x <i>G. armourianum</i> (867).
32	W35	... <i>Gossypium sturtii</i> (564) x <i>G. harknessii</i> (861).
33	W59	... <i>Gossypium davidsonii</i> (101) x <i>G. sturtii</i> (632).
34	W58	... <i>Gossypium thurberi</i> (112) x <i>G. sturtii</i> (632).
35	W40	... <i>Gossypium sturtii</i> (564) x <i>G. armourianum</i> (867).
36	W59	... <i>Gossypium davidsonii</i> (101) x <i>G. sturtii</i> (632).
37	W35	... <i>Gossypium sturtii</i> (564) x <i>G. harknessii</i> (861).

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Pt. No.	CB No.	Row 4
1 . . . .	WL53	... Gossypium thurberi (112) x G. aridum (617).
2 . . . .	WL04	... Gossypium harknessii-thurberi (W96) x G. aridum (617).
3 . . . .	WL20	... Gossypium hirsutum (W64) x G. aridum (617).
4 . . . .	WL12	... Gossypium darwinii (702) x G. sturtii (632).
5 . . . .	W43	... Gossypium hirsutum (W24) x G. armourianum (867).
6 . . . .	W33	... Gossypium barbadense (W5) x G. sturtii (632).
7 . . . .	WL12	... Gossypium darwinii (702) x G. sturtii (632).
8 . . . .	W94	... Gossypium davidsonii (101) x G. anomalum (1051).
9 . . . .	W79	... Gossypium arboreum var. neglectum (824) x G. thurberi (112).
10 . . . .	W79a	... Amphidiploid of W79. (colchicine treated)
11 . . . .	WL54	... Gossypium hirsutum (W24) x Amphidiploid W79a.
12 . . . .	W79	... Gossypium arboreum var. neglectum (824) x G. thurberi (112).
13	W23 x (36-1)-1	... Gossypium barbadense x G. barbadense-harknessii F <sub>2</sub> .
14	W23 x (36-1)-2	... " " " " " " " " " " " "
15	W23 x (36-1)-3	... " " " " " " " " " " " "
16 . . . .	W55	... Gossypium contextum-hopi (W26) x G. anomalum (1051).
17 . . . .	W21	... Gossypium hirsutum (W64) x G. arboreum var. cernuum (422).
18 . . . .	W43	... Gossypium hirsutum (W24) x G. armourianum (867).
19 . . . .	WL09	... Gossypium hirsutum (W64) x G. harknessii (861).
20 . . . .	W37	... Gossypium hirsutum (W24) x G. thurberi (112).
21 . . . .	WL32	... Gossypium hirsutum (W24) x G. aridum (617).
22 . . . .	WL07	... Gossypium barbadense (W23) x G. armourianum (867).
23 . . . .	W36	... Gossypium barbadense (W5) x G. harknessii (861).
24 . . . .	WL42	... Gossypium barbadense (W23) x G. thurberi (112).
25 . . . .	WL44	... Gossypium barbadense (W5) x G. davidsonii (101).
26 . . . .	WL20	... Gossypium hirsutum (W64) x G. aridum (617).
27 . . . .	WL07	... Gossypium barbadense (W23) x G. armourianum (867).
28 . . . .	WL07	... " " " " " " " " " " " "
29 . . . .	W37	... Gossypium hirsutum (W24) x G. thurberi (112).
30 . . . .	WL32	... Gossypium hirsutum (W24) x G. aridum (617).
31	W23 x (36-1)-4	... Gossypium barbadense x G. barbadense-harknessii F <sub>2</sub> .
32	W23 x (36-1)-5	... " " " " " " " " " " " "
33	W36-1-15-5	...
34 . . . .		
35 . . . .		
36 . . . .		
37 . . . .		

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<u>Pt.</u> <u>No.</u>	<u>CB</u> <u>No.</u>	<u>Row 5</u>
1 . . . . .		
2 . . . . .		
3 . . . . .		
4 . . . . .		
5 . . . . .	W35-1	... <i>Gossypium sturtii-harknessii</i> F <sub>2</sub> , open.
6 . . . . .		
7 . . . . .	W36-11	... <i>Gossypium barbadense-harknessii</i> F <sub>2</sub> , open.
8 . . . . .		
9 . . . . .		
10 . . . . .		
11 . . . . .		
12 . . . . .	W37-4	... <i>Gossypium hirsutum-thurberi</i> F <sub>2</sub> , selfed.
13 . . . . .	W56-5	... <i>Gossypium contextum-armourianum</i> F <sub>2</sub> , open.
14 . . . . .	W56-8	... " " " " "
15 . . . . .	W56-9	... " " " " "
16 . . . . .		
17 . . . . .		
18 . . . . .	W79-3	... <i>Gossypium arboreum</i> var. <i>neglectum-thurberi</i> F <sub>2</sub> , open.
19 . . . . .	W79-4	... " " " " " "
20 . . . . .	W79-5	... " " " " " "

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Pt. No.	CB No.	Row 6
1 . . . .	W79	... <i>Gossypium arboreum</i> var. <i>neglectum</i> (824) x <i>G. thurberi</i> (112).
2 . . . .	W15	... <i>Gossypium arboreum</i> var. <i>cernuum</i> , 1st inbred gen.
3 . . . .	W33	... <i>Gossypium barbadense</i> (W5) x <i>G. sturtii</i> (632).
4 . . . .	393	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 2nd inbred gen.
5 . . . .	743	... <i>Gossypium herbaceum</i> var. <i>typicum</i> , 2nd inbred gen.
6 . . . .	743	... " " " " " " " " " " " " " " " "
7 . . . .	824	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 3rd inbred gen.
8 . . . .	W112	... <i>Gossypium darwinii</i> (702) x <i>G. sturtii</i> (632).
9 . . . .	784	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 3rd inbred gen.
10 . . . .	619	... <i>Gossypium arboreum</i> var. <i>typicum</i> , 3rd inbred gen.
11 . . . .	W106	... <i>Gossypium arboreum</i> var. <i>neglectum</i> (393) x <i>G. anomalum</i> (1051).
12 . . . .	1023	... <i>Gossypium herbaceum</i> var. <i>typicum</i> , 2nd inbred gen.
13 . . . .	786	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 2nd inbred gen.
14 . . . .	784	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 3rd inbred gen.
15 . . . .	786	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 2nd inbred gen.
16 . . . .	W79	... <i>Gossypium arboreum</i> var. <i>neglectum</i> (824) x <i>G. thurberi</i> (112).
17 . . . .	W79	... " " " " " " " " " " " " " " " "
18 . . . .	W94	... <i>Gossypium davidsonii</i> (101) x <i>G. anomalum</i> (1051).
19 . . . .	W94	... " " " " " " " " " " " " " " " "
20 . . . .	1068	... <i>Gossypium herbaceum</i> var. <i>africanum</i> .
21 . . . .	749?	... <i>Gossypium herbaceum</i> var. <i>frutescens?</i> , 3rd inbred gen.
22 . . . .	787	... <i>Gossypium arboreum</i> var. <i>neglectum</i> , 3rd inbred gen.
23 . . . .	620	... <i>Gossypium arboreum</i> var. <i>typicum</i> , 1st inbred. gen.
24 . . . .	W43	... <i>Gossypium hirsutum</i> (W24) x <i>G. armourianum</i> (867).
25 . . . .	W43	... " " " " " " " " " " " " " " " "
26 . . . .	W107	... <i>Gossypium barbadense</i> (W23) x <i>G. armourianum</i> (867).
27 . . . .	W107	... " " " " " " " " " " " " " " " "
28 . . . .	W109	... <i>Gossypium hirsutum</i> (W64) x <i>G. harknessii</i> (861).
29 . . . .	W109	... " " " " " " " " " " " " " " " "
30 . . . .	W36	... <i>Gossypium barbadense</i> (W5) x <i>G. harknessii</i> (861).
31 . . . .	W36	... " " " " " " " " " " " " " " " "
32 . . . .	W37	... <i>Gossypium hirsutum</i> (W24) x <i>G. thurberi</i> (112).
33 . . . .	W153	... <i>Gossypium thurberi</i> (112) x <i>G. aridum</i> (617).
34 . . . .	W143	... <i>Gossypium barbadense</i> (W5) x <i>G. thurberi</i> (112).
35 . . . .	620	... <i>Gossypium arboreum</i> var. <i>typicum</i> , 1st inbred gen.
36 . . . .	W120	... <i>Gossypium hirsutum</i> (W64) x <i>G. aridum</i> (617).
37 . . . .	W36-1-4-1	... <i>Gossypium barbadense-harknessii</i> F.
38 . . . .	W36-1-4-2	... " " " " " " " " " " " " " " " "
39 . . . .	W38-1-4-3	... " " " " " " " " " " " " " " " "

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Pt. No.	CB No.	Row 7
1 . . . .	867 ...	<i>Gossypium armourianum</i> , 3rd inbred gen.
2 . . . .	867 ...	" " " " "
3 . . . .	861 ...	<i>Gossypium harknessii</i> , 1st inbred gen.
4 . . . .	101 ...	<i>Gossypium davidsonii</i> , 1st inbred gen.
5 . . . .	101 ...	" " " " "
6 . . . .	112	<i>Gossypium thurberi</i> .
7 . . . .	700 ...	<i>Gossypium klotzschianum</i> .
8 . . . .	700 ...	" "
9 . . . .	632	<i>Gossypium sturtii</i> .
10 . . . .	632 ...	" "
11 . . . .	W41 ...	<i>Gossypium harknessii</i> (861) x <i>G. armourianum</i> (867).
12 . . . .	W41	" " " " "
13 . . . .	W96 ...	<i>Gossypium harknessii</i> (861) x <i>G. thurberi</i> (112).
14 . . . .	W40 ...	<i>Gossypium sturtii</i> (564) x <i>G. armourianum</i> (867).
15 . . . .	W8 ...	<i>Gossypium armourianum</i> (867) x <i>G. thurberi</i> (112).
16 . . . .	W35 ...	<i>Gossypium sturtii</i> (564) x <i>G. harknessii</i> (861).
17 . . . .	W59 ...	<i>Gossypium davidsonii</i> (101) x <i>G. sturtii</i> (632).
18 . . . .	W59 ...	" " " " " "
19 . . . .	861	<i>Gossypium harknessii</i> .
20 . . . .	W111 ...	<i>Gossypium herbaceum</i> var. <i>typicum</i> (743) x <i>G. sturtii</i> (632).
21 . . . .	1223	<i>Gossypium raimondii</i> .
22 . . . .	1223 ...	" "
23 . . . .	1223 ...	" "
24 . . . .	W156 ...	<i>Gossypium armourianum</i> (867) x <i>G. raimondii</i> (1223).
25 . . . .	112	<i>Gossypium thurberi</i> .
26 . . . .	112 ...	" "
27 . . . .	112	" "
28 . . . .	W112 ...	<i>Gossypium darwinii</i> (702) x <i>G. sturtii</i> (632).
29 . . . .	W112 ...	" " " " " "
30 . . . .	W132 ...	<i>Gossypium hirsutum</i> (W24) x <i>G. aridum</i> (617).
31 . . . .	W120 ...	<i>Gossypium hirsutum</i> (W64) x <i>G. aridum</i> (617).
32	W23 x (36-1)-6 ...	<i>Gossypium barbadense</i> (W23) x <i>G. barbadense-thurberi</i> F <sub>2</sub>
33	W23 x (36-1)-7 ...	" " " " " "
34	W23 x (36-1)-8 ...	" " " " " "
35	W23 x (36-1)-9 ...	" " " " " "
36	W23 x (36-1)-10 ...	" " " " " "
37	W23 x (36-1)-11 ...	" " " " " "
38	W23 x (36-1)-12 ...	" " " " " "
39	W23 x (36-1)-13 ...	" " " " " "

## PLANTING PLAN, RIVERSIDE, CALIF. - 1942.

Pt. No.	GB No.	Row 8
1 . . . . .	527	... Gossypium tomentosum.
2 . . . . .	527	... " " .
3 . . . . .	527	... " " .
4 . . . . .	527	... " " .
5 . . . . .	527	... " " .
6 . . . . .	1342	... Gossypium taitense.
7 . . . . .	1342	... " " .
8 . . . . .	542	... Gossypium contextum, 2nd inbred gen.
9 . . . . .	542	... " " " " "
10 . . . . .	542	... " " " " "
11 . . . . .	W5	... Gossypium barbadense, Sea Is., 3rd inbred gen.
12 . . . . .	W5	... " " " " " " "
13 . . . . .	W5	... " " " " " " "
14 . . . . .	W23	... Gossypium barbadense, Pima, 22nd inbred gen.
15 . . . . .	W23	... " " " " " "
16 . . . . .	W23	... " " " " " "
17 . . . . .	W157	... Gossypium palmeri?
18 . . . . .	W157	... " " ?
19 . . . . .	1145	... Gossypium palmeri.
20 . . . . .	1145	... " " .
21 . . . . .	716	... Gossypium hopi, 1st inbred gen.
22 . . . . .	W24	... Gossypium hirsutum, acala, 12th inbred gen.
23 . . . . .	531	... Gossypium purpurascens.
24 . . . . .	531	... " " .
25 . . . . .	531	... " " .
26 . . . . .	531	... " " .
27 . . . . .	709	... Gossypium darwinii.
28 . . . . .	709	... " " .
29 . . . . .	672	... Gossypium schottii.
30 . . . . .	672	... " " .
31 . . . . .	673	... Gossypium brasiliense, 1st inbred gen.
32 . . . . .	673	... " " " " "
33 . . . . .	673	... " " " " "
34 . . . . .	662	... Gossypium peruvianum, 1st inbred gen.
35 . . . . .	662	... " " " " "
36 . . . . .	662	... " " " " "
37 . . . . .	702	... Gossypium darwinii, 1st inbred gen.
38 . . . . .	702	... " " .

## PLANTING PLAN, RIVERSIDE, CALIF. - 1942.

Pt. No.	CB No.	Row 9
1	763	Gossypium stocksii.
2	763	" " .
3	1051	Gossypium anomalum.
4	1051	" " .
5	1051	" " .
6	1051	" " .
7	1051	" " .
8	1023	Gossypium raimondii.
9	1023	" " .
10	1023	" " .
11	743	Gossypium herbaceum var. typicum, 2nd inbred gen.
12	743	" " " " " " "
13	743	" " " " " " "
14	437	Gossypium punctatum, 1st inbred gen.
15	437	" " " " "
16	437	" " " " "
17	W102	Gossypium hirsutum, tuxtla, 3rd inbred gen.
18	W102	" " " " " "
19	W24	Gossypium hirsutum, acala, 12th inbred gen.
20	W24	" " " " " "
21	W64	Gossypium hirsutum, red acala, 2nd inbred gen.
22	W64	" " " " " "
23	421	Gossypium jamaicense (Florida Tree Cotton) 1st inbred gen.
24	421	" " " " " " "
25	716	Gossypium hopi 1st inbred gen.
26	716	" " " " "
27	541	Gossypium patens, 1st inbred gen.
28	541	" " " " " "
29	W36-1-3-4	Gossypium barbadense-harknessii F <sub>1</sub> .
30	W36-1-3-5	" " " " "
31	W36-1-3-6	" " " " "
32	W36-1-3-7	" " " " "
33	W36-1-3-8	" " " " "
34	W36-1-3-9	" " " " "
35	W36-1-3-10	" " " " "
36	W36-1-3-11	" " " " "
37	W36-1-3-12	" " " " "
38	W36-1-3-13	" " " " "

## PLANTING PLAN, RIVERSIDE, CALIF. - 1942.

Pt. No.	CB No.	Row 10
1	W15	Gossypium arboreum var. cernuum, 1st inbred gen.
2	W15	" " " " " " "
3	W15	" " " " " " "
4	W15	" " " " " " "
5	393	Gossypium arboreum var. neglectum, 2nd inbred gen.
6	393	" " " " " " "
7	824	Gossypium arboreum var. neglectum, 3rd inbred gen.
8	824	" " " " " " "
9	784	Gossypium arboreum var. neglectum, 3rd inbred gen.
10	784	" " " " " " "
11	786	Gossypium arboreum var. neglectum, 2nd inbred gen.
12	786	" " " " " " "
13	787	Gossypium arboreum var. neglectum, 3rd inbred gen.
14	787	" " " " " " "
15	619	Gossypium arboreum var. typicum, 3rd inbred gen.
16	619	" " " " " " "
17	620	Gossypium arboreum var. typicum, 1st inbred gen.
18	620	" " " " " " "
19	749	Gossypium herbaceum var. frutescens, 1st inbred gen.
20	749	" " " " " " "
21	1068	Gossypium herbaceum var. africanum.
22	1068	" " " " " " "
23	632	Gossypium sturtii.
24	632	" " " " " " "
25	632	" " " " " " "
26	632	" " " " " " "
27	632	" " " " " " "
28	632	" " " " " " "
29	W36-1-4-4	Gossypium barbadense-harknessii F.
30	W36-1-4-5	" " " " " " F.
31	W36-1-4-6	" " " " " " "
32	W36-1-4-7	" " " " " " "
33	W36-1-4-8	" " " " " " "
34	W36-1-4-9	" " " " " " "
35	W36-1-4-10	" " " " " " "
36	W36-1-4-11	" " " " " " "
37	W36-1-4-12	" " " " " " "
38	W36-1-4-13	" " " " " " "

## PLANTING PLAN, RIVERSIDE, CALIF. - 1942.

<u>Pt.</u> <u>No.</u>	<u>CB</u> <u>No.</u>	<u>Row 11</u>
1 . . . .	867 ...	<i>Gossypium armourianum.</i>
2 . . . .	867 ...	" "
3 . . . .	867 ...	" "
4 . . . .	867 ...	" "
5 . . . .	867 ...	" "
6 . . . .	861 ...	<i>Gossypium harknessii.</i>
7 . . . .	861 ...	" "
8 . . . .	861 ...	" "
9 . . . .	861 ...	" "
10 . . . .	861 ...	" "
11 . . . .	112 ...	<i>Gossypium thurberi.</i>
12 . . . .	112 ...	" "
13 . . . .	112 ...	" "
14 . . . .	112 ...	" "
15 . . . .	112 ...	" "
16 . . . .	101 ...	<i>Gossypium davidsonii, 2nd inbred gen.</i>
17 . . . .	101 ...	" " " " "
18 . . . .	101 ...	" " " " "
19 . . . .	101 ...	" " " " "
20 . . . .	101 ...	" " " " "
21 . . . .	700 ...	<i>Gossypium klotzschianum.</i>
22 . . . .	700 ...	" "
23 . . . .	700 ...	" "
24 . . . .	700 ...	" "
25 . . . .	700 ...	" "
26 . . . .	1223 ...	<i>Gossypium raimondii.</i>
27 . . . .	1223 ...	" "
28 . . . .	1223 ...	" "
29 . . . .	1223 ...	" "
30 . . . .	1223 ...	" "
31 . . . .	W36-1-15-6 ...	<i>Gossypium barbadense-harknessii F.</i>
32 . . . .	W36-1-15-7 ...	" " " " 4
33 . . . .	W36-1-15-8 ...	" " " "
34 . . . .	W36-1-15-9 ...	" " " "
35 . . . .	W36-1-15-10 ...	" " " "
36 . . . .	W36-1-15-11 ...	" " " "
37 . . . .	W36-1-15-12 ...	" " " "

## PLANTING PLAN, RIVERSIDE, CALIF. - 1942.

<u>Pt.</u> <u>No.</u>	<u>CB</u> <u>No.</u>	<u>Row 12</u>
1 . . . .	W119F <sub>2</sub> ...	Gossypium palmeri-hirsutum, Okra leaf, F <sub>2</sub> , 2 plants.
2 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
3 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
4 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
5 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
6 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
7 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
8 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
9 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
10 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
11 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
12 . . . .	W119F <sub>2</sub> ...	" " " " " " " "
13 . . . .	W119F <sub>2</sub> ...	" " " " " " " "