

HOLDINGS OF THE UNIVERSITY OF CALIFORNIA, RIVERSIDE CITRUS VARIETY COLLECTION (CVC)

THE TABLE ON THE FOLLOWING PAGES lists the 865 accessions currently maintained in the CVC. The accessions are identified in the CVC by a unique **Citrus Research Center (CRC) number**. In addition to an **Accession name or description** field, the table also provides a **Variety Introduction (VI) number** given to accessions cleaned by the Citrus Clonal Protection Program (CCPP) and a **Plant Introduction (PI) number** assigned to accessions listed in the US Dept. of Agriculture's Genetic Resource Information Network (USDA GRIN) database. The **Source** field provides information on the source, intermediary, and geographic origin when known. The **Date** field identifies the year in which the accession was acquired by the CVC.

The accessions are grouped by the major citrus type to which they are assigned and ordered by CRC number within these groups. The groups are presented in the following order:

1. Citron and hybrid
2. Lemon, lemon-type
3. Lime, lime-type
4. Mandarin
5. Tangor
6. Tangelo
7. Calamondin and hybrid
8. Rangpur type
9. Navel orange
10. Valencia orange
11. Blood orange
12. Other sweet orange and hybrid
13. Sour orange and hybrid
14. Pummelo (shaddock)
15. Pummelo hybrid
16. Grapefruit
17. Grapefruit hybrid
18. Miscellaneous *Citrus* species
19. *Citrus* subgenus *Papeda* and hybrid
20. Kumquat and hybrid
21. Trifoliolate
22. Trifoliolate hybrid
23. Miscellaneous species, not genus *Citrus*

Appendix. Holdings of the University of California, Riverside Citrus Variety Collection

Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^a	PI number ^d		
1. Citron and hybrid					
0138-A	Indian citron (ops)		539413	India	1912
0138-B	Indian citron (ops)		539414	India	1912
0294	Ponderosa "lemon" (probable Citron × lemon hybrid)	409	539491	Fawcett's #127, Florida collection	1914
0648	Orange-citron-hybrid		539238	Mr. Flippen, between Fullerton and Placentia CA	1915
0661	Indian sour citron (ops) (Zamburi)		31981	USDA, Chico Garden	1915
1795	Corsican citron		539415	W.T. Swingle, USDA	1924
2456	Citron or citron hybrid (came in as Djerok which is Dutch word for "citrus")		539416	From CPB	1930
2847	Yemen citron		105957	Bureau of Plant Introduction	
3055	Bengal citron (ops) (citron hybrid?)		539417	Ed Pollock, NSW, Australia	1954
3174	Unnamed citron		230626	H. Chapot, Rabat, Morocco	1955
3190	Dabbe (ops)		539418	H. Chapot, Rabat, Morocco	1959
3241	<i>Citrus megaloxycarpa</i> (ops) (Bor-tenga) (hybrid)		539446	Fruit Research Station, Burnihat Assam, India	1957
3487	Kulu "lemon" (ops)		539207	A.G. Norman, Botanical Garden, Ann Arbor MI	1963
3518	Citron of Commerce (ops)		539419	John Carpenter, USDSCS, Indio CA	1966
3519	Citron of Commerce (ops)		539420	John Carpenter, USDSCS, Indio CA	1966
3520	Corsican citron (ops)		539421	John Carpenter, USDSCS, Indio CA	1966
3521	Corsican citron (ops)		539422	John Carpenter, USDSCS, Indio CA	1966
3522	Diamante citron (ops)		539423	John Carpenter, USDSCS, Indio CA	1966
3523	Diamante citron (ops)		539424	John Carpenter, USDSCS, Indio CA	1966
3526	Etrog citron (ops)		539425	John Carpenter, USDSCS, Indio CA	1966
3527	Hiawassie citron (ops)		539426	John Carpenter, USDSCS, Indio CA	1966
3529	Indian citron (ops)		539427	John Carpenter, USDSCS, Indio CA	1966
3530	Italian citron (ops)		539428	John Carpenter, USDSCS, Indio CA	1966
3531	Mexican citron (ops)		539429	John Carpenter, USDSCS, Indio CA	1966
3532	Papuan citron (ops)		539430	John Carpenter, USDSCS, Indio CA	1966
3533	Philippine citron (ops)		539431	John Carpenter, USDSCS, Indio CA	1966
3534	Sicily citron (ops)		539432	John Carpenter, USDSCS, Indio CA	1966
3535	Spadifora citron (ops) (<i>Citrus medica</i> var. <i>Spadifora</i>)		539433	John Carpenter, USDSCS, Indio CA	1966
3536	Yemen citron (ops)		539434	John Carpenter, USDSCS, Indio CA	1966
3546	South Coast Field Station citron		539435	SCFS 25-3-17	1966
3654	Dulcia citron (ops)		539436	John Carpenter, USDSCS, Indio CA	1968
3655	Odorata citron (ops) (Tihi-Tihi)		539437	John Carpenter, USDSCS, Indio CA	1968
3723	Badhri "lemon" (ops)		539438	L.C. Knorr, US-AID, Punjab Agr. Univ., Ludhiana, India	1969
3755	Limau Mata Susu (ops)		539439	Richard A. Hamilton, University of Hawaii	1971
3768	Fingered citron (Buddha's Hand citron)	369	539445	Budwood import from Hawaii, via CCPP	1975
3798	Citrus medica var. Yunnanensis		600630	Prof. Tsuin Shen, Peking Agric. Univ., Peking, China	1980
3819	Citron type		539440		
3878	Arizona 861 S-1 citron seedling (Etrog type)	357	600651	Selected seedling of Ariz. 861 citron	
3891	Ethrog citron	426	508265	Israel, via Glenn Dale & CCPP	1983
2. Lemon, lemon type					
0280	Villafranca lemon		539292	Fawcett's #128, Florida collection	1914
0390	Villafranca lemon		600625	Grove in Glendora CA	1914
0400	Florida rough lemon (ops)	76	539268	Fawcett's #175. Seed rec'd from A. Melson, Florida	1914
0565	Genoa lemon (Eureka type)		539313	J.W. Mills, Pomona CA	1914
0569	Millsweet lemon		539281	J.W. Mills, Pomona CA buds from tree 1195	1914
0599	Eureka variegated lemon		539325	Chase lemon grove, Corona CA	1914
0710	Chinese lemon		539211	Riverside Station grounds (see notes below)	1909
1222	Mazoe lemon (ops)		539257	A.C. Turner, Salisbury, Rhodesia	1919
2317	Limon Real		539193	Philippine Islands (via CPB)	1930
2322	India- lemon		539204	CPB	1930
2323	India lemon		539287	CPB	1930
2325	South African rough lemon		539258	South Africa?	
2367	Variegated Pink Fleshed Eureka lemon	486	539315	Home garden, D.W. Field, Burbank CA	1931
2429	Amber lemon (Eureka type)		539316	Detweiler grove, Alta Loma CA	1932
2477	Khobs-el-arsa		539288	M.H. Brayard, Marrakech, Morocco	1933
2489	Rhobs-el-arsa (ops)		539289	Rabat, Morocco	1935
2544	Indian rough lemon (ops)		539290	Simla Hills, India (via CPB & Florida)	1932
2557	Gomiri rough lemon (ops)	77	103496	India (via PI, USDA)	1933
2695	Faris sweet lemon		539444	Beverly Hills CA	1938
2703	Cascade Eureka lemon		539317	Cascade Ranch 8-16-1	1939
2881	Bergamot	420	539179	UCLA	1951
2899	Italian pink fleshed lemon		133875	Fd 21, R-47, CRC, Riverside	
3001	Seedless Lisbon	492	133731	Lasscock's Nursery, South Australia	
3005	Frost nucellar Eureka lemon	21	539318	2nd budded generation from sdlg of o.l. Rubidoux No. RT 765	
3007	Allen Variegated Eureka (Sloop)		539319	Sloop, Oceanside	1953
3009	Messina lemon		539293	Mr. Kipp, Upland CA	1953

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Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI	PI		
CRC	number ^a	number ^c	number ^d		
2. Lemon, lemon type (cont.)					
	3010 Kaweah #1 Lisbon lemon (1-1-1)		539326	Kaweah Lemon Co., Lemon Cove CA	1953
	3013 Lupe Lisbon lemon (ops).	347	539327	Claremont CA	1953
	3043 Corona (Foothill) old budline Eureka lemon		539320	Foothill Ranch, Corona CA. R-25, T-1, Hill St.	1954
	3045 Kulu lemon seedling (Gombru)		539294	J.F.L. Childs, USDA Station, Orlando FL	1954
	3050 Volckamer lemon (ops)	407	539335	Acireale, Sicily	1955
	3060 <i>Citrus jambhiri</i> (ops)		539259	Dept. of Agric., Lyallpur, Punjab, India	1954
	3063 Jullundri Khatti (ops)		539260	Dept. of Agric., Lyallpur, Punjab, India	1954
	3093 Sweet lemon (ops)		539278	H.S. Gentry, Shiroz, Iran	1955
	3154 <i>Citrus</i> species (ops) (Lemon- Morocco)		230834	Vientiane (Laos) Indo China through Rabat, Morocco	1956
	3155 <i>Citrus</i> species (ops) (lemon type)		230832	Vientiane (Laos) Indo China through Rabat, Morocco	1956
	3159 Lunario lemon (ops)		218009	Frank Russo, Acireale, Sicily Italy	1956
	3162 Iran lemon		539295	Joe Furr, USDCS, Indio CA	1957
	3173 <i>Citrus assamensis</i> (lemon × citron?)		235991	Mr. Mawsing Rharasti, Shilbong, Assam	1956
	3176 Frost nucellar Lisbon lemon	280	539328	Seedling clone from Rubidoux Tract old-line Lisbon	1917
	3185 Stow red rough lemon		539261	Stow Ranch, Goleta, CA	1959
	3193 Paak ling mung lemon (ops)		93379	Seeds from fruit grown at plant introd. GH, Riverside	1958
	3194 Kusner lemon		119828	UCLA Variety block, originally from Russia	1960
	3199 Soh long lemon (ops)		254729	Fruit Exp. Sta., Shillong, India	1959
	3200 Limoui sanguis (ops)		539214	H. Chapot, Rabat, Morocco	1959
	3261 Soh synteng lemon (ops)		254730	Govt. Fruit Exp. Sta., Shillong, India	1959
	3265 Bitrouni lemon (ops)		539297	H. Chapot, Rabat, Morocco	1959
	3300 Wild lemon (ops)		241118	Drs. Grassl & Warner, Kusawun, near Wewak, N. Guinea	1957
	3385 Florida rough lemon "A" (ops)		539262	Harry Ford, Cit. Exp. Station, Lake Alfred FL	1963
	3386 Estes rough lemon (ops) (Florida ro. lem. "B")		539263	Harry Ford, Cit. Exp. Station, Lake Alfred FL	1961
	3387 Arancino (Coccuzzaro) lemon (ops)		539298	Acireale, Sicily, Italy (via L.J. Klotz, CRC)	1962
	3388 Femminello Ovale lemon (ops)		539299	Acireale, Sicily, Italy (via L.J. Klotz, UCR)	1962
	3389 Femminello Sfusato lemon (ops) (elongate)		539300	Acireale, Sicily, Italy (via L.J. Klotz, UCR)	1962
	3390 Lo Porto lemon (ops)		539301	Acireale, Sicily, Italy (via L.J. Klotz, UCR)	1962
	3392 Monachello lemon (ops)		539302	Acireale, Sicily, Italy (via L.J. Klotz, CRC)	1962
	3396 Milam lemon (ops) (Clone X- rough lemon type)		539264	Harry Ford, Lake Alfred FL	1959
	3491 Primofiore lemon (ops)		539303	Joe Furr, USDCS, Indio CA B1-5-1-3	1965
	3492 Iraq lemon (ops) (Sweet)		539314	Bagdad, Iraq, via Beltsville as cuttings.	1963
	3496 Allen-Newman #4 op Eureka seedling		539304	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3498 Cascade op Eureka seedling #1		539321	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3499 Blanchard op Eureka seedling		539322	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3500 Femminello (ops) (Lisbon type)	346	539329	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3501 Limoneira Oliveland 8-A Lisbon (ops)	68	539305	Domingo Hardison, Oliveland 4-B, R-7, T-28, Limoneira R.	1966
	3504 Dr. Strong Lisbon (ops) #28	345	539306	Domingo Hardison, La Campana Ranch Fillmore CA	1966
	3505 Prior Lisbon (ops) #1		539330	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3506 Bergamotto (ops) #18 (Lisbon type)		539180	Domingo Hardison, La Campana Ranch, Fillmore CA	1966
	3590 Berna lemon (ops)		539307	Joe Furr, USDCS, Indio CA	1965
	3591 Corpaci lemon (ops)		539308	Joe Furr, USDCS, Indio CA B1-5, R-1, T-7	1968
	3593 Interdonato lemon (ops)		230373	Joe Furr, USDCS, Indio CA 5-1-11	1965
	3737 Improved Meyer lemon	319	539447	CCPP VI 319 stock plant at Rubidoux greenhouse.	1971
	3748 <i>Citrus</i> species (ops), lemon type		539208	John Carpenter, USDCS, Indio CA	1971
	3834 Limoneira rough lemon (ops)		539265	Lindcove Field Station	
	3835 Galligan Lisbon lemon (ops)	194	539331	Santa Barbara C.V.O. via CCPP	1962
	3836 Foothill Lisbon (ops)	232	539332	Willits & Newcomb, Thermal, via CCPP	1963
	3837 Cook Eureka (ops)	228	539323	Willits & Newcomb, Thermal, via CCPP	1963
	3838 Ross Eureka (ops)	108	539324	Hardison Ranch, Santa Paula, via CCPP	1960
	3839 Monroe Lisbon (ops)	113	539333	Limoneira Oliveland, via CCPP	1960
	3840 Rosenberger Lisbon, old budline	372	539334	Utt Development Co., Oxnard CA, via CCPP	1978
	3841 Nicaraguan lemon		539209	Import by W. Reuther, probably from Nicaragua	1976
	3879 Schaub rough lemon	406	539266	"Mother" tree, J. Carpenter, USDCS, Indio CA	1983
	3885 Local variety of lemon from Iran	423	431462	Iran, via Glenn Dale & CCPP	1979
	3892 Mesero lemon		209862	Spain, via Glenn Dale & CCPP	1955
	3893 Ricote lemon		209863	Spain, via Glenn Dale & CCPP	1955
	3894 Santa Teresa #1 lemon		227692	Sicily, via Glenn Dale & CCPP	1959
	3924 Peretta	444	539210	Glenn Dale Quarantine Facility, import from Italy	1984
	3925 Lumia	445	539310	Glenn Dale Quarantine Facility import from Italy	1984
	3970 Limonero Fino	480	539311	Spain?	1987
	3989 Limonette de Marrakech (Marrakech Limonette)	573	539280	Morocco	1987
	3996 Vangasay rough lemon	493	539267	Florida - Budwood Registration Program- Winter Haven	1988
	4005 "Local" lemon from Cyprus (Lapithiotiki lemon)	512A	539312	N. Vakis, Ministry of Agric., Cyprus	1989
	4014 Taylor Eureka lemon	528	600661	Australia	1989

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3. Lime, lime type					
	0363 Sweet lime			539285 Fawcett's #15 sel.-F.S. Earle, Herradura, Cuba	1914
	0391 Tahiti lime			539273 Hart's grove, San Dimas CA	1914
	0449 Ponds seedless lime			539274 Webber's #17, from garden of Mr. Damon, Moanalua Gardens, Honolulu	1914
	0450 Wilder seedless lime			539275 Webber's #18, from Garrett Wilder, Honolulu	1914
	0919 <i>Citrus limettoides</i> (sweet lime)			539286 Fortunato da Silva's grove, Cabulla, Bahia (thru USDA)	1916?
	0921 <i>Citrus limettoides</i> - Risso (sweet lime)			37772 from USDA	1916?
	1482 Palestine sweet lime (Indian sweet lime)	81		539283 W.T. Swingle, USDA	1924
	1684 Weirick sweet-red lime			539284 Mrs. W.C. Weirick, Box 254, Lincoln CA (Placer County)	1927
	1710 Mexican lime (West Indian, Key)	419		539151 Mel Anderson, Fruit Growers Supply Co.	1927
	1813 West Indian lime (Mexican, Key)			539152 Tree on ranch S.W. of Indio CA	1928
	2188 Key lime (ops) (Stow #7) (West Indian, Mexican)			539153 Harvey grove, West Palm Beach FL	1928
	2315 Page lime (Tahiti type)			539271 Residence of Mrs. A.D. Page of Fallbrook CA	1932
	2449 Everglade lime (West Indian type)			539154 From CPB	1931
	2450 India lime			539155 From CPB	1930
	2458 Perrine lemon (lemonime)			539205 From CPB	1931
	2459 Lemonime			539206 From CPB	1931
	2484 Sniff sweet red lime			539282 Sniff Date Gardens, Indio CA	1933
	2683 Thornless Mexican lime			539156 Marcy Ranch, Tustin CA	1937
	2709 Otaheite red acidless lime (<i>Citrus tahitensis</i>)			539343	1937?
	2883 Egyptian lime (ops)			185427 Y.Carmon, Tel Aviv, Israel	1949
	3051 Mitha-Tulia			539277 Dept. of Agric., Lyallpur, India	1943?
	3069 Warren limequat			539802 Mavro Warren Ranch, Foothill Rd., Ventura CA	1956
	3070 India lime sport			539213 Sport lime from India lime, Flid. 18A R-33 T-2, CRC	1957
	3072 Addanimma (ops)			539212 Ed Pollack, Parkes, N.S.W., Australia	1956
	3172 Tavares limequat			539804 Lyndon Maxwell, Sunnymead CA	1957
	3603 Eustis limequat (ops)	175		539806 Joe Furr, USDCS, Indio CA	1968
	3604 Lakeland limequat (ops)			539807 Joe Furr, USDCS, Indio CA	1968
	3762 Abhayapuri lime			539157 Richard A. Hamilton, Univ. of Hawaii	1971
	3772 Bearss lime	358		539272 Willits & Newcomb, Thermal, via STG and CCP	1977
	3776 Bakrai (acidless lime)			539279 Kaserun, Iran	1975
	3822 Mexican lime type			600629 Tree in UCR Field 21D	
	3997 Rangpur lime x Troyer citrange [814-12-47-X-E]	483		539267 Florida - Budwood Registration Program, Winter Haven	1988
4. Mandarin					
	0279 Clementine (Algerian) mandarin	9	539183	Fawcett's #134, Florida collection	1914
	0300 Parson's special mandarin		539497	Fawcett's #106, Florida collection	1914
	0303 King mandarin (tangor?)		539456	Fawcett's #90, Florida collection	1914
	0602 Dancy mandarin (Weshart nucellar)		13005	Chico Gardens, Chico CA	1914
	0696 Kinokuni mandarin (ops) (<i>Citrus kinokuni</i>)		539270	P.J. Wester, Lamao, Bataan, Philippine Islands	1915
	1851 Kawano Wase Satsuma mandarin		539688	French Gilman, Banning, CA	1928
	2331 Unnamed mandarin		539493	PR China (via CPB)	1930
	2376 Tien Chieh mandarin		539494	From CPB	1930
	2448 <i>Citrus depressa</i> (<i>C. pectinifera</i>) (Shekwasha)		109754	From CPB	1930
	2485 <i>Citrus amblycarpa</i> seedling (Nasnaran)		93602	From Beltsville MD	1932?
	2590 Tien Chieh mandarin seedling		539495	USDA, Washington DC	1935
	2692 Tim Kat mandarin (Timkat, <i>Citrus oleocarpa</i> ?)		14007-A	USDA, Torrey Pines CA	1938?
	2710 <i>Citrus depressa</i> (<i>C. pectinifera</i>) (Shekwasha)		539189		1937?
	2893 Laranja Cravo (Tangerine Cravo, Cravo)	154	539496	Plant Introduction growing in Flid. 12 nursery	
	3019 Kara mandarin	2	539498	Hybrid produced at CRC	
	3020 Wilking mandarin	66	539499	Hybrid produced at CRC	
	3021 Kinnow mandarin	1	539500	Hybrid produced at CRC	
	3022 Frua mandarin		539501	Hybrid produced at CRC	
	3026 Dancy mandarin (Frost nucellar)	32	539683	Nucellar produced at CRC	
	3085 Szinkom mandarin (ops)		539502	Bureau of Plant Industry, Manila, Philippines	1954
	3143 <i>Citrus sunki</i> mandarin (ops)		539678	Hiroshi Yoshimura, Univ. of Osaka, Japan	1956
	3144 <i>Citrus keraji</i> (ops)		539269	Hiroshi Yoshimura, Univ. of Osaka, Japan	1956
	3147 <i>Citrus leiocarpa</i> (ops) (Koji)		539276	Hiroshi Yoshimura, Univ. of Osaka, Japan	1956
	3150 <i>Citrus tachibana</i> (ops)		539679	Ted Frolich, UCLA	1958
	3177 Honey mandarin	133	539503	H.B. Frost hybrid of King x Willowleaf	1915
	3178 Satsuma, Frost nucellar #1 (Owari)	33	539689	H.B. Frost seedling from Rubidoux Tract old-line Satsuma	1916
	3226 Scarlet Emperor mandarin (ops) Pankan			Ted Frolich, UCLA	1960
	3228 <i>Citrus nippokoreana</i> (ops) (Korai Tachibana)		539454	Y. Tanaka, Shizuka Pref., Japan	1957
	3239 <i>Citrus reticulata</i> (ops)		254732	Govt. Fruit Exp. Sta., Shillong, India	1959
	3260 Soh niamtra mandarin (ops)		254779	Govt. Fruit Exp. Sta., Shillong, India	1959
	3280 <i>Citrus succosa</i> (ops) (Jimikan)		539675	Ted Frolich, UCLA	1960
	3292 <i>Citrus erythrosa</i> (ops) (Kobeni-mikan)		539190	Ted Frolich, UCLA, originally from Japan as seed.	1960
	3297 <i>Citrus tardiva</i> (ops) (Giri-mikan)		539684	Ted Frolich, UCLA, originally from Japan	1960

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4. Mandarin (cont.)					
	3329 Richard's Special mandarin (ops) (Ponkan)		539504	Ted Frolich, UCLA	1962
	3346 Kunembo mandarin (ops)		539455	Variety Coll., USDA Station, Orlovista, Florida	1960
	3363 Beledy mandarin (ops)		120523	Ted Frolich, UCLA Var. Coll. R-5, T-2	1960
	3367 Mandarine sanguine seedling		105006	Ted Frolich, UCLA Var. Coll. R-2, T-10	1960
	3405 Mandarinette, (ops)		263547	John Carpenter, USDSCS, Indio CA	1960
	3466 <i>Citrus yatsushiro</i> (ops)		539712	Okitsu, Shizuoka Pref., Japan (via W.P.Bitters, CRC)	1963
	3558 Fremont mandarin	247	539507	Joe Furr, USDSCS, Indio CA	1966
	3559 Fairchild mandarin	246	539508	Joe Furr, USDSCS, Indio CA	1966
	3560 Fortune mandarin	248	539509	Joe Furr, USDSCS, Indio CA	1966
	3564 <i>Citrus lycopersicaeformis</i> (ops) (Monkey orange)		539347	D. Singh, Indian Agr. Research Inst. New Delhi, India	1962
	3568 Pixie mandarin	10	539510	CRC 12D-2-7, new cultivar dev. At CRC	1966
	3569 Encore mandarin	156	539511	Hybrid of King × Willowleaf produced at CRC, Riverside	1966
	3576 Canton mandarin		133733	Ted Frolich, UCLA Var. Block R-6, T-16.	1960
	3577 Changsha mandarin (ops)		539512	John Cree, Jr., Texas AES #19, Crystal City TX	1963
	3613 Empress mandarin (ops)		539513	South Africa, Dept. of Agric., Nelspruit	1964
	3615 Nova mandarin (ops)	282	539514	Joe Furr, USDSCS, Indio CA	1968
	3616 Page mandarin	58	539710	Joe Furr, USDSCS, Indio CA	1968
	3649 Bower mandarin hybrid seedling	281	539515	Joe Furr, USDSCS, Indio CA	1968
	3659 Batangas mandarin (ops)		539516	Seedling from CRC 2333, 8A-26-29	1966
	3727 Nagpur "orange" (Ponkan)		49851	Nagpur, Central Provinces, India (via Glenn Dale & CCPP)	1969
	3731 Clementine × Silverhill Satsuma		539517	USDSCS, Indio CA	1971
	3738 Necked "orange"; seedling #1 (Som-Chuk)		539518	Thailand – Imported as seed by W. Reuther, CRC	1971?
	3752 Som Keowan (ops)		539519	Dept. of Agric., Bangkok, Thailand	1970
	3773 Clementine Monreal mandarin	360	247751	Import from Sicily, via Glenn Dale and CCPP	1977
	3794 Dobashi Beni Satsuma mandarin	366	358061	Budwood import from Japan, via Glenn Dale, Thermo, CCPP	1979
	3809 Sunburst mandarin	377	539520	Florida, via CCPP	1979
	3812 <i>Citrus reticulata</i> (ops)		433931	PR China, via Glenn Dale	1979
	3813 <i>Citrus reticulata</i> (ops)		433932	PR China, via Glenn Dale	1979
	3816 Kinkoji Unshiu	392	433260	Japan, via Glenn Dale & CCPP	1979
	3817 Kobayashi Mikan	393	433261	Japan, via Glenn Dale & CCPP	1979
	3820 Okitsu-wase Satsuma mandarin	389	436688	Japan, via Glenn Dale & CCPP	1980
	3843 Willowleaf mandarin nucellar	118	539188	Nucellar seedling budline produced at CRC	1933
	3844 Cleopatra mandarin (ops)	329	539492	Seedling derived from CRC 1461	1961
	3845 King tangor (mandarin) (ops)	235	539457	Seedling produced by Plant Breeding at CRC	1931
	3846 Murcott mandarin (ops)	147	539521	USDSCS Indio CA – via CCPP	1961
	3847 Hill mandarin (ops)		539522	Seed import, probably from India	1965
	3848 Nepolitana Satsuma mandarin	365	539690	Seed import from Colombia, South America, via W. Reuther	1967
	3849 Ponkan mandarin (ops) (Swatow)	311	539523	Seedling from Ponkan, CRC 2593	1961
	3850 Robinson mandarin (Clementine x Orlando)	200, 416	539524	Florida	1962
	3851 Lee mandarin (Clementine × Orlando)	198	539525	Florida	1962
	3852 Som Kaeo II (Crystal mandarin)		539526	Thailand, via W. Reuther, CRC	1970
	3853 Som Saa mandarin		539527	Thailand, via W. Reuther, CRC	1970
	3880 <i>Citrus yatsushiro</i>	395	433272	Japan, via Glenn Dale & CCPP	1979
	3887 <i>Citrus kinokuni</i> - 'Mukakukishu' (Kinokuni mandarin)	402	433259	Japan, via Glenn Dale & CCPP	1979
	3895 "Yellow Rind" mandarin		539528	PR China, via R. Scora, CRC	1984
	3897 Huang Yen Man Chieh mandarin		539529	Seedling of PI 71233, an import from China	1970
	3906 Seedless Kishu	433	539530	Japan via Glenn Dale (requested by W.P.Bitters)	1983
	3910 Daisy mandarin (Fortune × Fremont)	382	539531	USDSCS (Fortune × Fremont)	1980
	3913 Gold nugget mandarin (6D-32-1, Pixie-like)	422	539532	CRC – Budwood supplied by J.W. Cameron	
	3953 W. Murcott (Afourer) mandarin	462	539533	Morocco	1985
	3956 Novelty × Ellendale mandarin	523	539534	South Africa	1985
	3958 Koster mandarin (Ellendale?, Ellendale Beauty?) (tangor?)	499	539535	South Africa	
	3960 Ellendale mandarin (tangor?)	464	539536	Australia	1985
	3965 NISSV E (mandarin hybrid)	482	539216	South Africa	1985
	3972 (Temple × Dancy) × Encore— JWC Priority #1	485	539537	UCR breeding plot: 6D-11-14	1987
	3973 (Temple × Dancy) × Encore— JWC Priority #2	490	539538	UCR breeding plot: 6D-12-6	1987
	3974 (Temple × Dancy) × Encore— JWC Priority #3	506	539539	UCR breeding plot: 6D-12-2	1987
	3975 (Temple × Dancy) × Encore— JWC Priority #4	509	539540	UCR breeding plot: 6D-11-21	1987
	3986 <i>Citrus erythroa</i> (Kobeni-mikan)		539191	PR China	1987
	3987 Clementine Caffin mandarin	491	539184	Morocco	1987
	3988 Clementine Sidi Aissa	508	539185	Morocco	1987
	3990 Fallglo mandarin (USDA 88-1)	484	539541	Florida – A.H. Whitmore Foundation Farm, Leesburg	1988
	3991 Lee × Nova (USDA 88-2)	501	539542	Florida – A.H. Whitmore Foundation Farm, Leesburg	1988
	3992 Robinson × Lee (USDA 88-3)	488	539543	Florida – A.H. Whitmore Foundation Farm- Leesburg	1988
	3999 Clementina Fina (Sodea)	498	539186	Morocco (sent by Ray Copeland)	1987
	4003 Sun Chu Sha mandarin	497	539544	Florida (Jack Hearn, Orlando)	1989

Appendix. Holdings of the University of California, Riverside Citrus Variety Collection

Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^a	PI number ^d		
4. Mandarin (cont.)					
	4010 Clementina Oroval	517A	600644	Luis Navarro, Valencia, Spain IVIA 8-34	1990
	4011 Clementina Fina	518B	600645	Luis Navarro, Valencia, Spain IVIA 39-3	1990
	4012 Clausellina	516A	600646	Luis Navarro, Valencia, Spain IVIA 19-3	1990
	4019 Temple × Minneola	545	600655	Thermal Plaza	
	4020 Clementine × Pearl	546	600654	Thermal Plaza	
	4021 Temple × Dancy	547	600653	Thermal Plaza	
	4030 Kuno Wase Satsuma	555	600666		
	4031 Rubidoux mandarin	572	600664		
5. Tangor					
	2224 Tankan tangor (also considered a mandarin)		539239	Received from CPB	1930
	2598 Temple tangor (called Temple orange and Royal mandarin in commercial trade)	330	539685	F. Heiney, Brawley CA	1935
	2792 Altoona		149464	Glenn Dale MD	1945
	3018 Dweet tangor	412	539240	Hybrid produced at CRC	
	3096 H-56 tangor (Willowleaf mand. x Valencia or.)		539241	CRC, Riverside	1957
	3149 <i>Citrus benikojii</i> (ops) (tangor)		539178	H. Yoshimura, Univ. of Osaka, Japan	1956
	3183 Mency tangor (Mediterranean swt × Dancy mandarin)		539242	H.B. Frost hybrid	1915
	3274 <i>Citrus funadoko</i> (ops)		539195	Ted Frolich, UCLA	1960
	3368 Ortanique tangor seedling	343	539243	Ted Frolich, UCLA	1960
	3810 Sue Linda Temple tangor	370	539244	Florida, via CCP	1978
	3875 Tankan tangor		539245	Seed from CRC 2224, old budline Tankan	1958
	3946 Miyauchi Iyo (Citrus iyo, Iyo, Miyauchi Iyokan)	455	539256	Japan	1984
	3952 Kiyomi tangor H-12	461	539246	Japan	1985
	3980 Iyo (Iyomikan tangor)	538	539247	Japan	1987
6. Tangelo					
	2011 San Jacinto tangelo		539695	Date Gardens, Indio CA	1930
	2012 Wekiwa tangelo		539696	Date Gardens, Indio CA	1930
	2013 Thornton tangelo		539697	Date Gardens, Indio CA	
	2418 Sampson tangelo seedling	201	539698	Gordon Wallace, Nurseryman	1933
	2543 Sexton tangelo (ops)		539699	Sexton place, Vero Beach FL	1932
	2559 Yalaha tangelo		539700	CPB, USDA	1934
	2560 Early tangelo		600633	CPB, USDA	1934
	2586 Siameloo seedling	138	539701	USDA, Washington DC	1937
	2603 Clement tangelo		539702	USDA, Sacaton AZ	1936
	2604 Seminole tangelo		539703	USDA, Torrey Pines CA	1936
	2606 Sunrise tangelo		539704	USDA, Sacaton AZ	1936
	2609 Sacaton tangelo		539705	USDA, Sacaton AZ	1936
	2746 Webber tangelo		539706	Collected by H.J. Webber	1937
	2780 Ugli tangelo (ops)		132372	Jamaica	1942
	2787 Williams tangelo		149429	Glenn Dale MD	1945
	2788 Sunshine tangelo		149430	Glenn Dale MD	1945
	2849 Pearl tangelo	128	539707	Hybrid produced at UCR	
	3331 Sacaton tangelo (ops)		539708	Originally from USDA, Sacaton AZ. See CRC 2610	1960
	3340 Minneola tangelo seedling	174	539709	John Carpenter, USDCS, Indio CA	1961
	3874 Orlando tangelo nucellar	19	539711	USDCS, Indio CA, via CCP	1958
7. Calamondin and hybrid					
	2592 Calamondin seedling (<i>Citrus mitis</i> , Chi Chieh)	408	539349	USDA, Washington DC	1935
	2619 Citraldin (trifoliolate × Calamondin)		539840	USDA, Sacaton AZ	1936
	2867 Calashu (ops)		539215	W.C. Cooper, Weslaco TX	1946
	3073 Philippine Calamandarin (ops)		539803	Bureau of Plant Industry, Manila, Philippines	1954
	3087 Variegated calamondin	475	539350	Paul Peters, Altadena CA	1954
	3656 Calamondin sport		539351	Budsport from CRC 2592, 12D-24-13	1968?
8. Rangpur type					
	0131 Santa Barbara Rangpur lime		539338	Hale's ranch, Santa Barbara CA	1912
	0452 Kusaie lime		539345	Webber's #20, from Garrett Wilder, Honolulu	1914
	0712 Santa Barbara red lime		539158	J. Sexton, Santa Barbara CA	1915
	2318 Philippine red lime (Rangpur type)		539339	From CPB	1930
	2319 Australian red lime (Rangpur type)		600626	New South Wales, Australia (via CPB)	1930
	2424 Borneo Rangpur lime		539341	From CPB	1930
	2451 Bishop red lime (Rangpur type)		539342	Roy K. Bishop, Orange CA	1930?
	2875 Japansche citroen (ops). (Rangpur lime type)		600631	G.J.A. Terra, Buitanzorg, Java	1948
	3919 <i>Citrus limonia</i>		539336		1975?
	3920 <i>Citrus limonia</i>		539337	Import, probably from Turkey	1975?
	3932 Citrus limonia V. hangleston		539344	PR China	1985

Appendix. Holdings of the University of California, Riverside Citrus Variety Collection

Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^c	PI number ^d		
9. Navel orange					
	0065 Seedy navel orange (ops)		539584	Pomona Experiment Station	1910
	0287 Navelencia orange		539601	Fawcett's #100, Florida collection	1914
	0574 Smith's early navel orange		600659	Rubidoux Tract variety block buds from tree 1125	1914
	0588 Golden Buckeye navel orange		539582	Rubidoux Tract variety block- buds from tree 53	1914
	0609 McFadden ribbed navel		539583	T.L. McFadden, RFD #2, Fullerton CA	1914
	0956 Washington navel seedling (seedy)		539585		1916?
	0969 Thomson navel orange		539586	USDA #2—thru A.D. Shamel, Agt., Riverside	1916?
	0983 Thomson navel orange		539587	USDA #16—thru A.D. Shamel, Agt., Riverside	1916?
	1203 Vari navel orange		539558	George C. Roeding	1919
1241-A	Parent Washington navel		539559	Buds taken from Parent Washington navel tree (see below)	1918
1241-B	Parent Washington navel	376	539560	Buds taken from Parent Washington navel tree (see below)	1920
	1379 Golden Nugget navel		539561	A.D. Shamel, USDA	1923
	1381 Corrigated Thomson navel orange		539562	A.D. Shamel, USDA	1923
	2008 Carter navel orange	15	539563	Armstrong Nurseries	1930
	2853 Paradise navel orange		146569	Plant Introduction	1945
	3014 Newhall Navel	387	539564	Newhall Ranch	1954
	3017 Gillette navel orange (Washington)	381	539565	Fay Gillette, Hemet	1953
	3033 Frost Washington navel orange, nucellar		27	Seedling produced at CRC	
	3135 Fischer navel orange (aka Fisher navel)	106	539567	Armstrong Nurseries, Ontario CA	1958
	3181 Ruvel orange (Frost nucellar line) (Rubidoux navel)		539604	Seedling from Rubidoux Tract tree of unknown origin	1915
	3305 Navel orange (ops) [44944-A]		539568	William Cooper, USDA, Weslaco FL	1959
	3306 Navel orange (ops) [44944-B]		539569	William Cooper, USDA, Weslaco FL	1959
	3307 Dream navel (ops)	350	539570	Phillip Reece, USDA, Orlando FL (2-10-7)	1960
	3315 Rio Grande navel (ops)	437	539571	William Cooper, USDA, Weslaco TX (Source:TAES 9-13)	1959
	3320 Workman navel (ops) (Summernavel)	348	539572	East Highlands Orange, Co. East Highlands CA	1959
	3328 Solid Scarlet mandarin (ops)		539505	Ted Frolich, UCLA Variety Block R-8, T-2a	1960
	3354 Dry navel orange (seedling of Navelencia)		539573	Variety block, Rubidoux – tree 52. See CRC #585, dead file	1960
	3406 Bey navel orange (ops)		262348	John Carpenter, USDCS, Indio CA	1960
	3645 Fischer navel (ops)		539574	Seedling from CRC, 8A-26-11	1968
	3732 Cluster navel sport	338	539575	CRC Field 7D, R-32, T-9	1967
	3791 Atwood navel, old budline	363	600627	Russ Davis, Ivanhoe, via STG & CCPP	1978
	3792 Robertson navel, old budline	364	539576	Cairns orchard via STG & CCPP	1978
	3803 Lane Late navel	352	362329	Australia, via Glenn Dale & CCPP	1973
	3808 Leng navel	353	362330	Australia, via Glenn Dale & CCPP	1973
	3903 Fukumoto navel orange	430	539577	Japan via Glenn Dale (requested by W.P. Bitters)	1983
	3964 Palmer navel (nucellar)	507	539578	Import from South Africa	1985
	3971 Skaggs Bonanza navel	515	539579	Lindcove plot – originally from Willits & Newcomb	1988
	3994 Cara Cara pink fleshed navel [104 (STG S-1-11)]	471	539580	Florida (originally came to FL from Venezuela from: Budwood Registration Prog., Winter Haven)	1988
	4013 Palmer navel orange	526	600662	South Africa	1985
	4015 Navelina navel orange	532	600660	Spain	1990
	4022 Navelate navel orange	548	600652	Spain	
	4023 Robertson navel	563	600672		
	4024 Spring navel	567	600673		
	4037 Autumn Gold			Australia via B&Z Nursery	
	4038 Barnfield			Australia via B&Z Nursery	
	4039 Chislett			Australia via B&Z Nursery	
	4040 Powell			Australia via B&Z Nursery	
	4041 Summer Gold			Australia via B&Z Nursery	
10. Valencia orange					
	0272 Valencia orange (probably)		339655	Fawcett's #105, Florida collection	1914
	0314 Hart's late Valencia orange		539662	Fawcett's #86, Florida collection	1914
	0570 Hart's Tardiff (Valencia) orange		539668	J.W. Mills, Pomona CA buds from tree 1199	1914
	1240 Fuzzy Valencia orange-bud sport		539652	Laidlaw grove between Ontario & Pomona Ca	1918?
	1518 Valencia coarse orange		539653	Limoneira Ranch, Santa Paula Ca	1925
	2689 San Marino Valencia orange		539654	San Marino Ranch, San Marino CA	1938
	2750 Olinda Valencia orange seedling		539656	Ollie Smith Olinda, CA (Carbon Canyon)	1939
	2776 Seedless Valencia orange		539657	Buds from tree east of Director's residence	1942
	3025 Lue Gim Gong sweet orange (ops) (Valencia)		539658	Seedling produced at CRC	
	3030 Cutter Valencia nucellar seedling	30	539659	Riverside, CA	
	3031 Frost nucellar Valencia	240	539660	Seedling produced at CRC	
	3032 Campbell Valencia seedling	28	539661	Earl Campbell, Fairhaven Street, Orange CA	1942?
	3339 Werley Valencia orange o.p seedling		539663	J.C. Werley, Bailey Flats CA	1960
	3872 D. Joao (Don Juan) sweet orange (Valencia type)	301	210341	Portugal, imported by J.W. Cameron via Glenn Dale	1963
	3955 Midnight Valencia	460	539664	Import from South Africa	1985
	3963 Delta Valencia (Delta Seedless)	474	539665	Import from South Africa	1985

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Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^a	PI number ^d		
10. Valencia orange (cont.)					
	3995 Rhode Red Valencia	487	539666	Florida - Budwood Registration Program, Winter Haven	1988
	4001 Variegated Valencia orange		539667	UCR Field 5B-3-1 – sport on high southeast	1989
11. Blood orange					
	2561 Burris blood Valencia orange		539547	Burris grove, Riverside CA	1933
	3152 Doble Fina blood orange (ops)		238796	Inst. Nacional de Investigaciones Agronomicas, Spain	1957
	3242 Vaccaro blood orange (ops)		218019	Plant Introduction greenhouse, Riverside (CRC)	1959
	3401 Sanguine grosse ronde (ops)		539548	Field 6A, R-6, T-9, CRC	1960
	3596 Tarocco blood orange (ops) #7	384	539549	Seedling from CRC #2796, produced at CRC	1967
	3627 Vaccaro blood orange (ops)		230388	Joe Furr, USDCS, Indio CA	1968
	3650 Entre Fina blood orange (ops)		229987	Joe Furr, USDCS, Indio CA	1968
	3801 Vainiglia Pink fleshed sweet orange	442	539620	USDCS, Indio CA	1981?
	3811 Moro blood orange		539550	Seedling budline grown by W.P. Bitters at CRC	
	3827 Ruby blood orange (ops)	272	539551	USDCS, via CCP	1965
	3828 Sanguinelli blood orange (ops)		413	USDCS, Indio CA, via CCP	1960?
	3829 Sanguinello a pignu (ops)		265	USDCS, Indio CA, via CCP	1965
	3830 Moro blood orange (ops)		362	USDCS, Indio CA, via CCP	1975
	3977 Washinton Sanguine (Doublefina Amelioree)		521	Morocco (sent by Ray Copeland)	1987
	4000 Sanguina Doble Fina		510	Morocco (sent by Ray Copeland)	1987
	4018 Tarocco blood orange		544	600656	
	4032 Bream Tarocco blood orange		576	600665	
12. Other sweet orange and hybrid					
	0071 Jaffa orange		539651	C.D. Hubbard, San Fernando CA	1910
	0245 Bessie sweet orange		539594	Fawcett's #70, Florida collection	1914
	0274 Maltese oval sweet orange		539597	Fawcett's #96, Florida collection	1914
	0281 Joppa late sweet orange		539599	Fawcett's #89, Florida collection	1914
	0292 Homosassa sweet orange		539602	Fawcett's #87, Florida collection	1914
	0321 Imperial variegated sweet orange		539606	Fawcett's #55, Florida collection	1914
	0366 Star sweet orange		539615	Fawcett's #58, from Soar's nursery, Miami FL	1914
	0371 Orange of Heaven (Laranga de Ciel) (acidless orange)		539616	Fawcett's #63, from Heintz, City Point FL	1914
	0590 Maltese Oval orange		539649	Rubidoux Tract variety block- buds from tree 55	1914
	0591 St. Michael Paperrind sweet orange		539650	Rubidoux Tract variety block- buds from tree 63	1914
	0950 Lima sweet orange (acidless)	428	37793	Col. J. de Tieve e Argollo, Agua Comprida, Bahia, Brazil – through USDA	1916?
	1045 Selecta sweet orange (<i>Laranja selecta</i>)		37782	Miguel de Teives e Argollo's grove, Roma, Bahia, Brazil – through USDA	1916?
	1106 Koethen sweet orange		539588	E.R. Koethen grove, Brockton Ave., Riverside	1917
	1512 Bidwells Bar sweet orange seedling (Oroville sweet)		539589	H.E. Drobish, County Agent, Oroville CA	1925
	1693 Bessie sweet orange seedling		539590	From progeny in 1924 nursery	1927
	1696 Homosassa sweet orange seedling		539591	From progeny in 1924 nursery.	1927
	2369 East Highlands sweet orange		539592	East Highlands Orange Co.- Winn 58-7	1931
	2373 Dalandan sweet orange		539593	Philippine Islands (via CPB)	1930
	2550 Wetumpka sweet orange (ops)		539595	Wetumpka Fruit Co., Lowell FL	1932
	2602 Dillar sweet orange		539596	USDA, Sacaton AZ	1936
	2802 Argentina sweet orange (ops)		539598	Santa Ana Mission, North Argentina	1940
	2856 Cadenera Fina sweet orange		539600	UCLA	1945?
	3083 Sathgudi sweet orange (ops)		539603	Ed Pollock, Parkes, N.S.W., Australia	1954
	3182 Trovita strain A (Early sweet orange)	116	539605	Seedling from the Rubidoux Tract "Washington navel"	1915
	3245 Capucin sweet orange		539607	Ted Frolich, UCLA Variety Coll. R-1, T-6	1960
	3246 Cadena Punchosa sweet orange		105009	Ted Frolich, UCLA Variety Coll. R-2, T-4	1960
	3249 Espagnole sans pepins sweet orange (ops)		123983	Ted Frolich, UCLA Variety Coll. R-7, T-9	1960
	3251 Khailily (white) sweet orange		539608	Ted Frolich, UCLA	1960
	3272 Berna sweet orange (ops)		539609	Ted Frolich, UCLA Variety Coll. R-4, T-6	1960
	3347 Curry early sweet orange seedling		539610	John Carpenter, USDCS, Indio CA	1961
	3373 Precoce de Valence? (ops)		105008	Cooper, Delta Lake TX	1958
	3403 Aziza sweet orange (ops)		262347	John Carpenter, USDCS, Indio CA	1960
	3467 Citrus ujiukitsu (ops)		539687	Shizuoka Prefecture, Japan (via W.P. Bitters, CRC)	1963
	3476 Citrus shunkokan (ops)		539546	Shizuoka pref., Shimizu-shi, Japan (via W.P. Bitters, CRC)	1963
	3584 Shamouti seedling (seedling of Sarah)		539611	Joe Furr, USDCS, Indio CA	1962
	3599 Perao orange #1 (ops)		539612	De Citricos De ICA Tulio, Ospina, Medellin, Colombia	1967
	3624 Orange de Nice (ops)		539613	Seedling of CRC #3276, 8A-12-39	1966
	3625 Ovale orange (ops)		539614	Alfredo Ferrand, Peru	1966
	3630 Biondo Riccio sweet orange (ops)		230379	Joe Furr, USDCS, Indio CA	1968
	3632 Cadenera orange (ops)	284	230080	Joe Furr, USDCS, Indio CA	1968
	3746 Shamouti orange, Israeli seedling #1	316	539617	Budwood importation from Israel via Glenn Dale & CCP	1971?
	3754 Selecta orange (ops)		539618	Seedling from 8A-5-21, CRC 1045	1970
	3787 Fuya Menuda sweet orange (ops)		539619	Guillermo Colon, Majorca, Balearic Is., SPAIN via Beltsville	1978
	3802 Akcay Sekeri orange (Crescent)	394	539621	Turkey, via W. Reuther	1968

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Category	Other identifiers	Other identifiers		Source ^e	Date ^f
		VI	PI		
CRC		number ^a	number ^d		
number ^a	Accession name or description ^b				
12. Other sweet orange and hybrid (cont.)					
3807	Verna orange (ops)		244968	Spain, via Glenn Dale & CCP	1961
3814	<i>Citrus sinensis</i> (ops)		433933	PR China, via Glenn Dale	1979
3858	Pineapple sweet orange (ops)	222	539622	USDCS, Indio CA	1963
3859	Indian River sweet orange (ops)		539623	Seedling from CRC 3555, old budline Indian River	1958
3860	Catlin sweet orange (ops)	494	539624	Seedling of CRC 1414, old budline Catlin	1961
3861	Madam Vinous sweet orange (ops)	307	539625	John Carpenter, USDCS, Indio CA	1967
3862	Hamlin orange (ops) (Norris)		539626	USDCS, Indio CA	1961
3863	Olivelands sweet orange (ops)		539627	Seedling from CRC 2884, old budline Olivelands sweet	1960
3864	Pera orange (ops)		539628	Seedling from CRC 2696, old budline Pera	1960
3865	Marr's Early sweet orange (ops)	173	539629	USDCS, Indio CA, via CCP	1962
3866	Biondo Comune sweet orange (ops)		539630	Frank Russo, Sicily, via Glenn Dale & CCP	1961
3867	Rotuma Island sweet orange (ops)	317	539631	Rotuma Island, via Capt. Polkinghorn & W. Reuther, CRC	1961
3868	Salustiana orange (ops)	221	539632	USDCS, Indio CA, via CCP	1963
3869	Tahiti sweet orange (ops)		539633	Seed from Tahiti	1964
3870	Finike sweet orange (ops)		539634	Seed supplied by W.P. Bitters	1963
3871	Macetera sweet orange (ops)	285	539635	John Carpenter, USDCS, Indio CA, via CCP	1966
3873	Parson Brown sweet orange (ops)		539636	Seed from USDCS 54-81, Indio CA	1961
3896	Cipo orange (ops)		539637	Brazil via John Carpenter & George Quesada, Novato CA	1984
3898	Blanca Macetera orange		244965	Seedling of PI 244965, an import from Spain	1970
3921	Ovale o Calabrese orange		539638	Import, country of origin not known.	1975?
3933	<i>Citrus sinensis</i>		539639	PR China	1985
3934	<i>Citrus sinensis</i>		539640	PR China	1985
3935	<i>Citrus sinensis</i> "Jincheng"		539641	PR China	1985
3936	<i>Citrus sinensis</i> "Xuegan"		539642	PR China	1985
3937	<i>Citrus sinensis</i> "Xinhuicheng"		539643	PR China	1985
3982	Xianfengcheng	495	539644	PR China	1987
3983	Jincheng	500	539645	PR China	1987
3984	Xuegan	574	539646	PR China	1987
3985	Xinhuicheng	575	539647	PR China	1987
3998	US 119 (Duncan gft × trifol.) × Succory sweet orange	489	539832	Florida (brought back by D. Gumpf)	1988
4002	Ambersweet orange	496	539648	Jack Hearn, Orlando FL	1989
13. Sour orange and hybrid					
0571	Bouquet des Fleurs sour orange		539174	Buds from hedge in rear of building of Old Station	1914
0622	Variiegated sour orange		539175	Murphy Oil CO. nursery, Whittier CA	1914
0628	Standard sour orange	95	539176	Murphy Oil CO. nursery, Whittier CA	1914
0656	Daidai-double calyx sour orange		539681	C.C. Chapman grove, Fullerton CA	1915
0660	Paraguay bittersweet orange		31881	USDA, Chico Garden	1915
0693	Orogold sour orange hybrid (ops)		539237	Oroville CA	1915
0760	<i>Citrus vulgaris</i> (ops) (Japanese orange)		539177	P.J. Wester, Lamao, Bataan, Philippine Islands	1916
1588	Orlando bittersweet orange seedling		539159	W.W. Youthers, USDA, Orlando FL	1926
1689	Brazilian sour orange seedling		539161	From progeny in 1924 nursery.	1927
2192	Stow #20 bittersweet orange (ops)		539162	J.W. Porter grove near Hypoluxo, Palm Beach Co. FL	1928
2375-B	Chinotto orange		539451	From CPB	1930
2438	Tunisian sour orange (ops), Nabeul		85728	Nabeuil, SE of Tunis, collected by Fawcett (No. 45)	1930
2541	Dummett bittersweet orange (ops)		539160	Florida	1932
2588	<i>Citrus taiwanica</i> (Nansho daidai)		539680	USDA, Washington DC	1935
2624	Keen sour orange #1-10		539163	Bonita CA	1936
2715	Granitos sour orange seedling, op, Argentina		124169	Fawcett #425, Bella Vista, Argentina	1937
2717	Olivelands Sour orange		539164	Faw. #363 Olivelands Jensen 6C-54-3	
3059	<i>Citrus Kharna</i> (ops)		213224	H.S. Gentry, Wandriker Farms, Poona, Mahhamaristra State (India?)	1954
3079	Gabbuchinee (ops)		539225	Ed Pollock, Parkes, N.S.W., Australia	1954
3225	<i>Citrus maderaspatana</i> (ops) (Kichili)		539348	Ted Frolich, UCLA Bik D, R-28, T-1.	1959
3235	<i>Citrus natsudaidai</i> (Kawano Strain) (ops)		539453	Hiroshi Yoshimura, Tanaka Inst., Univ. of Osaka, Japan	1957
3257	<i>Citrus sulcata</i> (ops) (Sanbokan)		539677	Ted Frolich, UCLA	1960
3289	<i>Citrus aurantium</i> var. <i>Salicifolia</i>		539166	12D-22-6, CRC	
3290	Myrtifolia sour orange		539450	12D-22-15, CRC	
3473	<i>Citrus rukugatsu</i> (ops) (Rokugatsu-mikan)		539545	Okitsu, Shizuoka Pref., Japan (via W.P. Bitters, CRC)	1963
3565	<i>Citrus canaliculata</i> (ops) (Kikudaidai)		539181	Ted Frolich, UCLA	1962
3578	Pursha lime × Chinotto		539226	Joe Furr, USDCS, Indio CA	1962
3607	Tosu (ops) (<i>Citrus neo-aurantium</i>)		316538	Hort. Res. Sta., Okitsu, Japan (via W.P. Bitters, CRC)	1966
3611	Konejime (ops) (<i>Citrus neo-aurantium</i>)		316537	Hort. Res. Sta., Okitsu, Japan (via W.P. Bitters)	1966
3681	(53-1-16 Clem × Hamlin) × Chinotto, F ₁		539227	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3683	(53-1-16 Clem × Hamlin) × Chinotto, F ₁		539228	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3684	(53-1-16 Clem × Hamlin) × Chinotto, F ₁		539229	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3702	(53-1-16 Clem × Hamlin) × Chinotto, F ₁		539230	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3703	(53-1-16 Clem × Hamlin) × Chinotto, F ₁		539231	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?

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Category		Other identifiers			
CRC		VI	PI		
number ^a	Accession name or description ^b	number ^c	number ^d	Source ^e	Date ^f
13. Sour orange and hybrid (cont.)					
3705	(53-1-16 Clem × Hamlin) × Chinotto F ₁		539232	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3706	(53-1-16 Clem × Hamlin) × Chinotto F ₁		539233	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3709	(53-1-16 Clem × Hamlin) × Chinotto F ₁		539234	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3712	(53-1-16 Clem × Hamlin) × Chinotto F ₁		539235	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3715	(53-1-16 Clem × Hamlin) × Chinotto F ₁		539236	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
3728	Chinotto hybrid		539167	Joe Furr, USDCS, Indio CA (Furr's Salt plot)	1970
3855	Rubidoux sour orange (ops)		539168	Seedling from CRC 711, old budline Rubidoux sour	1961
3856	Seville sour orange		539169	Seedling budline from CRC 1589, old budline Seville	1961
3857	Chinotto sour orange (ops)	427	539452	Seedling of CRC 2375, old budline Chinotto	1961
3929	<i>Citrus aurantium</i> "Goutoucheng" (Leather-head sour)		539170	PR China	1985
3930	<i>Citrus aurantium</i> "Zhuluan"		539171	PR China	1985
3981	Zhuluan	554	539172	PR China	1987
4004	Gou Tou sour orange (Leather-head sour) (Goutoucheng)		539173		1981
14. Pummelo (shaddock)					
0302	Tresca "grapefruit" pummelo		539386	Fawcett's #125, Florida collection	1914
0448	Moanalua pummelo		539407	Webber's #16, from Mr. Damon, Moanalua Gardens, Honolulu	1914
0578	Fleming's shaddock		539408	Rubidoux Tract variety block – buds from tree 1187	1914
0640	Siamese pummelo		600632	USDA Plant Introduction Garden, Chico	1915
0644	Philippine pummelo (ops)		539409	P.J. Wester, Lamao Bataan, Phillipine Islands	1915
1208	Roeding's Pink pummelo		539352	George C. Roeding's nursery	1919
1212	Chinese pummelo		46132	Ichang, Hupeh, China	1919
1224	Chinese pummelo		46121	Frank N. Meyer, FHB #23783, Hupeh, China	1919
1225	Hunan pummelo (ops)		539353	American Consul, Changsha, China- FHB #15097	1919
2236	Sunshine pummelo	159	539354	Sunshine Ranch, San Fernando CA	1930?
2240	Siamese pummelo (acidless) (aka Siamese Sweet)	443	539355	From CPB	1930
2241	Unnamed pummelo (Siam)	161	539356	From CPB	1929?
2242	Kao Panne pummelo (Kao Pan)		539357	Siam (via CPB)	1930
2243	Kao Panne pummelo (Kao Pan)		539358	Siam (via CPB)	1930
2244	Pink pummelo (Java)		539359	From CPB	1929/30
2245	Red pummelo (Java)		539360	From CPB	1929
2246	Pink pummelo	160	539361	From CPB	1930
2248	Unnamed pummelo		539362	From CPB	1930
2249	Kao Panne pummelo		539363	Siam (via CPB)	1930
2338	Red Fleshed pummelo		539364	From CPB	1930
2340	<i>Citrus grandis</i> - Unnamed		539365	From CPB	
2341	Karn Lau Yau pummelo		539366	From CPB	1930
2342	Pong Yau pummelo		539367	From CPB	1930
2346	African pummelo		539369	From CPB	1930
2347	Deep red pummelo		539370	From CPB	1930
2348	Pin Shan Kong Yau pummelo		539371	From CPB	1930
2349	Kao Panne pummelo (Kao Pan)		539372	Siam (via CPB)	1930
2350	Kao Ruan Tia pummelo		539373	From CPB	1930
2351	Kau Ruan Tia pummelo			From CPB	1930
2352	Kao Phuang pummelo		539375	From CPB	1930
2353	Nakon Chaisi pummelo		539376	From CPB	1930
2355	Unnamed pummelo, Siam		539377	From CPB	1930
2356	Kao Panne pummelo, Siam		539378	From CPB	1930
2421	Siamese pummelo		539379	From CPB	1930
2453	<i>Citrus grandis</i> - Unnamed		539380	From CPB	1930
2487	Alemoen pummelo (ops)		97930	Suriname, South America?	1932
2583	Tau Yau pummelo		539382	USDA, Washington DC	1935
2596	Arajon pummelo		539383	F. Heiney, Brawley CA	1935
2752	PanDan Pummelo		539385	Source: Robinson	1938?
3067	Sweet pummelo (ops)		539388	Ed Pollock, Molong Road, N.S.W. Australia	1954
3148	<i>Citrus sino-grandis</i> (ops) (Otomikan)		539669	H. Yoshimura, Univ. of Osaka, Japan	1956
3224	Chandler pink pummelo	11	539389	CRC 11B-5-4, A hybrid of Siamese Pink × Siamese Sweet prod. at CRC, Riverside	1959
3282	<i>Citrus grandis</i> ? (unknown) (ops) - New Guinea		539390	Dept. Agr, Stock & Fisheries, Port Moresby, Papua New Guinea	1956
3805	Reinking pummelo	274	539391	USDCS, Indio CA, via CCPP	1965
3806	Tahitian pummelo	342	539392	Hawaii, via CCPP	1971
3926	Kao Phuang pummelo	446	539393	Import from Hawaii (Special permit from Sacramento)	1984
3927	Thong Dee pummelo	447	539394	Import from Hawaii (Special permit from Sacramento)	1984
3928	Itoshima Bankan	448	539395	Glenn Dale Quarantine Facility, import from Japan	1984
3940	Haiku B pummelo	449	539369	Import from Hawaii (Special permit from Sacramento)	1984
3944	Kawachi-bankan pummelo	453	539397	Import from Japan	1984
3945	Mato Buntan (Mato) pummelo	454	539398	Import from Japan	1984

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Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^c	PI number ^d		
14. Pummelo (shaddock) (cont.)					
	3947 Suisho Buntan (Suisho) pummelo	456	539399	Import from Japan	1984
	3948 Kao Pan pummelo	457	539400	Import from Hawaii (Special permit from Sacramento)	1984
	3949 Pauthel pummelo	458	539401	Import from Hawaii (Special permit from Sacramento)	1984
	3950 Banokan	459	539402	Import from Japan	1983
	3951 Hirado Buntan (Hirado) pummelo	467	539403	Import from Japan	1983
	3959 Egami Buntan (Egami, Ogami) pummelo	477	539404	Import from Japan	1985
	3961 Banpeiyou (Pai You from Taiwan) pummelo	478	539405	Import from Japan	1985
	3978 Kinokawa Buntan	522	539406	Japan	1987
	3979 Anseikan	479	539673	Japan	1987
	4027 US 145 Thong Dee pummelo	569	600670	Florida	
	4028 Rubidoux pummelo	570	600663		
15. Pummelo hybrid					
	0042 Shaddock x St. Michael or seedling		539224	F. M. Reed, Riverside CA	1910
	0579 Moli Kurikuri (<i>Citrus grandis</i> × <i>C. macroptera</i>) (<i>Citrus vitiensis</i> ?)		539691	Rubidoux Tract variety block – buds from tree 1188	1914
	1462 Cuban shaddock		539410	W.T. Swingle, USDA	1924
	1481 Lemelo		539411	W.T. Swingle, USDA	1924
	1775 Lemon shaddock seedling (Lemelo)		539412	N/A	1927
	2343 Philippine pummelo hybrid		539368	From CPB	1930
	2608 Red Aranyan pummelo		539384	USDA, Torrey Pines Station CA	1936
	3066 Sour pummelo (ops)		539387	Ed Pollock, Molong Road, N.S.W., Australia	1954
	3092 <i>Citrus tamurana</i> (ops) (Hyuganatsu) (New Summer or.)		539682	J.R. Creech, Kurume, Kyushu, Japan	1955
	3133 Gadadehi (Pummelo or pummelo hybrid?)		539165	Dept. of Agric., Lyallpur, India	1954
	3275 <i>Citrus hiroshimana</i> (ops) (Natsuzabon) hybrid		539201	Ted Frolich, UCLA	1960
	3464 <i>Citrus tengu</i> (ops) (Shigetomi, Kinkunebu)		539686	Shizuoka Prefecture, Japan (via W.P. Bitters, CRC)	1963
	3465 <i>Citrus obovoidea</i> (ops) (Marumero, Kinkoji)		539458	Okitsu, Shizuoka Pref., Japan (via W.P. Bitters, CRC)	1963
	3470 <i>Citrus otachibana</i> (ops) (large tachibana)		539459	Shizuoka Prefecture, Japan (via W.P. Bitters, CRC)	1963
	3488 Yuma Ponderosa "lemon"	410	539218	Yuma Mesa Citrus Exp. Station, Yuma AZ	1964
	3555 Frua mandarin x low acid pummelo hybrid (Cocktail grapefruit)	127	539219	Hybrid developed at CRC, original code: 11C-38-4	1966
	3556 <i>Citrus rugulosa</i> (Attani)		214012	India via Plant Intro. Station, Glenn Dale MD	1954
	3781 Tahitian pummelo × Star Ruby grapefruit		539221	Joe Furr, USDCS, Indio CA. ?	1974
	3904 <i>Citrus hiroshimana</i> (Natsuzabon)	431	539200	Japan via Glenn Dale (requested by W.P. Bitters)	1983
	3905 Asahikan	432	539150	Japan via Glenn Dale (requested by W.P. Bitters)	1983
	3907 Hassaku (<i>Citrus hassaku</i> , Beni Hassaku)	434	539199	Japan via Glenn Dale (requested by W.P. Bitters)	1983
	3941 Puma hybrid (Pummelo × grapefruit)	450	539222	Import from Hawaii (Special permit from Sacramento)	1984
	3942 Hassaku	451	539223	Japan	1984
	4026 Pomlit pummelo hybrid (Djerok Deleema Kopjor)	566	600667	South Africa	
	4029 Unnamed grapefruit/pummelo hybrid	571			
16. Grapefruit					
	0248 Royal grapefruit		539465	Fawcett's #123, Florida collection	1914
	0297 Triumph grapefruit		539469	Fawcett's #124, Florida collection	1914
	0343 Grapefruit seedling	245	539475	Fawcett's #44, Florida collection	1914
	0596 Imperial grapefruit		539488	Rubidoux Tract variety block – buds from tree 68	1914
	1198 Foster Pink grapefruit		539460	George Roeding Nurseries	1919
	1565 Marsh seedy grapefruit		539461	Dixon Ranch	1925
	2010 Marsh pink grapefruit		539462	Date Gardens, Indio CA	1930
	2014 Cecily grapefruit		539463	Date Gardens, Indio CA	1930
	2784 Jochimsen grapefruit (ops)		539466	Mr. Jochimsen, Baseline Ave., La Verne FL	1942
	2850 Redblush grapefruit (ops) #3	31	539467	Texas	
	2885 Wheeny grapefruit		539468	New Zealand	1943
	3068 Hall grapefruit		539470	Hall Orchard, Upland CA	1955
	3128 Reed Marsh grapefruit (ops)	142	539471	J.F. Reed, Taft CA	1958
	3139 Camulos grapefruit		539472	12C-15-1, CRC (Shoot from root)	1957
	3184 Frost nucellar Marsh grapefruit	29	539473	H.B. Frost nucellar seedling	1915?
	3398 Nicholson "navel" grapefruit (ops)		539474	D.J. Nicholson, Orlando FL	1960
	3637 Cecily grapefruit (ops)		539476	Seedling of CRC #2014, 8A-2-29	1966
	3638 Hudson Foster grapefruit (ops)	308	539477	Joe Furr, USDCS, Indio CA	1968
	3770 Star Ruby grapefruit	355	539478	USDCS, Indio CA via C CPP	1977
	3774 "Genetic Dwarf" grapefruit	361	539479	Limb sport of Marsh, found at Yuma AZ	1977
	3804 Whitney Marsh grapefruit, old budline	148	539480	Whitney Ranch, Oasis CA, via C CPP	1961
	3831 Shambar grapefruit (ops)	269	539481	Willits & Newcomb, Thermal CA	1965
	3832 Duncan grapefruit		539482	Florida, via W. Reuther, UCR	1962?
	3883 Perlis #2 grapefruit	398	433294	Hawaii, via Glenn Dale & C CPP	1979
	3886 Perlis #1 grapefruit	401	433293	Hawaii, via Glenn Dale & C CPP	1979
	3914 Henderson Ruby grapefruit	465	539483	Texas	1985
	3915 Ray Ruby grapefruit	466	539484	Texas – see note on CRC 3914 card.	1985
	3916 Rio Red Grapefruit	440	539485	Texas – see note on CRC 3914 card.	1985

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Category		Other identifiers			
CRC		VI	PI		
number ^a	Accession name or description ^b	number ^c	number ^d	Source ^e	Date ^f
16. Grapefruit (cont.)					
3968	Tetraploid grapefruit		539486	CRC Breeding project- Field 6E, Stand 25, tree 3	1987
3993	Flame grapefruit seedling [800-1-26-71]	470	539487	Florida - Budwood Registration Program, Winter Haven	1988
17. Grapefruit hybrid					
2381	Poorman orange (Cudebeck strain) (New Zealand gft.)		539464	From CPB	1930
3602	Oroblanco grapefruit hybrid (Patented by U.C.)	309	539202	Hybrid developed at CRC, original source: 6C-26-20	1968
3764	Melogold (UC patented hybrid)	323	539203	Hybrid produced at CRC, original designation: 6C-26-18	1975
3769	New Zealand grapefruit (Poorman orange)	354	372058	Import from New Zealand, via Glenn Dale & CCPP (budwood)	1977
3909	Chironja	436	539489	Puerto Rico via Glenn Dale (request, W.P.Bitters)	1983
3962	Rex Union	511	539490	South Africa	1985
18. Miscellaneous Citrus species					
2434	<i>Citrus pennivesiculata</i> (C. moi, Gajanimma)		38388	From CPB	1930
3146	<i>Citrus yuko</i> (ops)		539713	Hiroshi Yoshimura, Univ. of Osaka, Japan	1956
3163	<i>Citrus indica</i> (ops) (hybrid)		539254	Ted Frolich, UCLA	1958
3175	<i>Citrus species</i> (ops)		213349	H.S. Gentry, Chettalli, Coorg State, India	1954
3469	<i>Citrus hanayu</i> (ops)		539198	Okitsu, Shizuoka Pref., Japan (via W.P.Bitters, CRC)	1963
3474	<i>Citrus intermedia</i> (ops) (Yamamikan)		539255	Okitsu, Shizuoka Pref., Japan (via W.P.Bitters, CRC)	1963
3574	<i>Citrus miraray</i> (ops)		539448	Phil Reece, Orlavista Field Sta., Orlando FL	1962
3780	<i>Citrus halimii</i>		539196	Malaysia, via R. Scora, CRC	1971
3797	<i>Citrus hongheensis</i> (ops) (Honghe papeda)		539672	Prof. Tsuin Shen, Peking Agric. Univ., Peking, PR China	1980
3900	<i>Citrus halimii</i>		539197	BOH Plantation, Fairley Estates, Cameron Highlands, West Malaysia	1985
19. Citrus subgenus Papeda and hybrid					
0432	<i>Citrus hystrix</i> , Cabuyao		539250	P.J. Wester, Philippine Islands	1914
0767	<i>Citrus webberii</i> var. Montana (Weeping Philippine hybrid) (ops)		539449	P.J. Wester, Lamao, Bataan, Philippine Islands	1916
1215	Ichang lemon (ops) (Shangyuan)	187	45534	Frank N. Meyer, FHB #23067, PR China	1919
1216	<i>Citrus junos</i> (Yuzu or Kansu)		45945	Frank N. Meyer, FHB #23721 & 23942, PR China, in Hubei Prov. along Yangtze river.	1919
1219	Ichang lemon seedling		46128	Frank N. Meyer, FHB #23790, PR China	1919
1455	<i>Citrus webberii</i> (Kalpi, Nogapog) (cutting A)		539692	W.T. Swingle, USDA	
1456	<i>Citrus webberii</i> (Kalpi, Nogapog) (cutting A)		539693	W.T. Swingle, USDA	1924
2316	<i>Citrus excelsa</i>		539192	Philippine Islands (via CPB)	1930
2320	<i>Citrus longispina</i> (Talamisan) (probably not <i>C. longispina</i>)		539346	Philippine Islands (via CPB)	1930
2327	<i>Citrus ichangensis</i>		539251	From CPB	1930
2427	Davao lemon (<i>Citrus davoensis</i>)		539187	From CPB	1930
2431	<i>Citrus ichangensis</i>		539252	PR China (via CPB)	1930
2454	<i>Citrus hystrix</i>		539248	From CPB	1930
2892	<i>Citrus excelsa</i> ?, Philippines		539194	F.E. Gardner, Orlando FL	1947
3052	<i>Citrus latipes</i> (ops) (Khasi papeda)		230987	Khasi Hills, Assam, India	1954
3056	<i>Citrus species</i> (ops) (Papeda type)		214467	Rupchand, Mawknland via Schillang, Assam, India	1954
3103	<i>Citrus hystrix</i>		539249	Punjab Agr. College, Lyallpur, Pakistan	1955
3203	Soh niangrang (ops)?		254733	Fruit Exp. Sta., Shillong, India	1959
3471	<i>Citrus sudachi</i> (ops)		539676	Okitsu, Shizuoka Pref., Japan (via W.P.Bitters, CRC)	1963
3605	Samuyao (microcarpa (ops))		539694	College of Agric., College, Laguna, Philippines	1967
3612	Kulobot (ops) (Papeda hybrid)		539217	Phil. Coll. of Agric., Los Banos, Philippine Islands	1966
3765	<i>Citrus excelsa</i>		539670	Dick Hamilton, University of Hawaii	1972
3793	Unknown species of papeda		539671	Dick Hamilton, Hawaii	1978
3842	<i>Citrus macrophylla</i> seedling	313	539182	Willits & Newcomb, Thermal CA, via CCPP	1968
3931	<i>Citrus ichangensis</i>		539253	PR China	1985
3943	Kabosu	452	539674	Japan	1984
4016	Unknown species of papeda (papeda hybrid)			Dick Hamilton, Hawaii	1978
20. Kumquat and hybrid					
0132	Nagami kumquat		539728	Hale's ranch, Santa Barbara CA	1912
1044	unnamed-probably a kumquat hybrid		539725	USDA	1916?
1440	Thomasville citrangequat		539849	W.T. Swingle, USDA	1924
1471	Meiwa kumquat seedling (F. crassifolia)		539721	W.T. Swingle, USDA	1924
3237	<i>Fortunella japonica</i> (ops) (Marumi, Maru-kinkan)		539727	John Carpenter, USDCS, Indio CA	1957
3259	Citrangequat 19-15-7		539851	Joe Furr, USDCS, Indio CA. From Yuma NF	1958
3295	Procimequat?		539805	John Carpenter, USDCS, Indio CA	1957
3360	Nippon orangequat seedling		149453	Ted Frolich, UCLA Var. Coll. R-5, T-13	1960
3475	<i>Fortunella obovata</i> (ops) (Fukushu kumquat, Chojukinkan)		539730	Okitsu, Shizuoka Pref., Japan (via W.P.Bitters, CRC)	1963
3642	Sinton citrangequat (ops)		539853	Joe Furr, USDCS, Indio CA	1968
3759	Nagami cross (with Dancy?) AKA: Indio mandarinquat	355?	539726	John Carpenter, USDCS, Indio CA	1972
3789	<i>Fortunella hindsii</i>		539723	W.B. Chapman, League City TX	1975
3790	<i>Fortunella hindsii</i>		539724	Bruce Bartholomew, Berkeley Botanic Garden, CA	1978
3818	<i>Fortunella crassifolia</i> (Meiwa)		433934	PR China, via Glenn Dale	1979
3833	Meiwa kumquat (ops)	306	539722	USDCS, Indio CA, via CCPP	1967

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Category	CRC number ^a	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
			VI number ^c	PI number ^d		
20. Kumquat and hybrid (cont.)						
	3877	Nagami kumquat	276	539729	John Carpenter's yard, Indio CA, via CCPP	1965
	3901	<i>Fortunella polyandra</i>		539731	Botanic Garden, Univ. of Kuala Lumpur, Malaysia	1985
21. Trifoliolate						
	0838	Rubidoux trifoliolate orange	83	539791	Rubidoux Experiment Station	1916
	1498	USDA trifoliolate (lf)		539750	W.T. Swingle, USDA	1924
	1717	Pomeroy trifoliolate seedling (lf)	84	539751	Pomeroy's	1927
	2552	Webber-Fawcett #22 trifoliolate orange seedling		539572	Experiment Station, Gainesville FL	1932
	2554	Barnes trifoliolate orange seedling (sf)	164	539573	L.B. Barnes grove, Gainesville FL	1932
	2861	Texas trifoliolate (ops) (sf)		539755	E. Mortensen, Winter Haven TX	
	2862	Florida trifoliolate (ops)		539756	F.E. Gardner, Orlando FL	
	3151	Australian trifoliolate (ops)		240121	Dept. Agr. Sydney, N.S.W. Australia	1957
	3206	Argentina trifoliolate (lf)		539757	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3207	Towne G trifoliolate (lf)		539758	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3209	Rich 12-2 trifoliolate (lf)		539759	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3210	Kryder 16-6 trifoliolate		539760	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3211	Rich 22-2 trifoliolate (sf)		539761	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3212	Kryder medium trifoliolate (lf)		539762	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3213	Kryder 60-2 trifoliolate (lf)		539763	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3215	Kryder 55-5 trifoliolate		539764	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3217	Kryder 15-3 trifoliolate (lf)		539765	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3218	Kryder 8-5 trifoliolate (lf)		539766	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3219	Kryder 28-3 trifoliolate (lf)		539767	Joe Furr, USDCS, Indio CA from Yuma AZ	1958
	3330-A	Flying Dragon trifoliolate (ops) (<i>Poncirus trifoliata</i> var. <i>Monstrosa</i>)	383	539768	Hiroshi Yoshimura, Univ. of Osaka, Japan	1958
	3330-B	Flying Dragon trifoliolate variant (ops) (<i>Poncirus trifoliata</i> var. <i>Monstrosa</i>)		539769	Hiroshi Yoshimura, Univ. of Osaka, Japan	1958
	3338	Benecke (Beneckie) trifoliolate (ops) (lf)		539770	Domingo Hardison, Santa Paula CA	1958
	3345	Christiansen trifoliolate (ops) (lf)		539771	Domingo Hardison, Santa Paula CA	1958
	3411	Jacobson trifoliolate (ops) (sf)		539773	L. Jacobson Ranch, Placentia CA	1961
	3412	Yamaguchi trifoliolate (ops) (lf)		539774	Yamaguchi grove, Ontario CA	1961
	3484	Frost tetraploid 4x trifoliolate		539775	SCFS Bl. 24, R-23, T-3	1965
	3485	Rich 16-6 trifoliolate		539776	SCFS Bl. 24, R-20, T-6	1965
	3486	Kryder 55-1 trifoliolate (lf)		539777	SCFS Blk 24, R-21 T-2	1965
	3547	Benoit trifoliolate orange		539778	SCFS 24-23-12	1965
	3548	English large trifoliolate orange (sf)		539779	SCFS 24-20-25	1965
	3549	Simmons trifoliolate seedling		539780	SCFS 24-23-24	1965
	3570	Ronnse trifoliolate (sf)		539781	SCFS 24-20-22	1965
	3571	Taylor trifoliolate (sf)		539782	SCFS 24-21-24	1965
	3572	Towne "F" trifoliolate (lf)		539783	SCFS 24-20-14	1965
	3586	Kryder 5-5 trifoliolate (lf)		539784	SCFS 24-21-5	1965
	3587	Rich 7-5 trifoliolate (lf)		539785	SCFS 24-22-3	1965
	3588	Marks trifoliolate		539786	SCFS 24-23-11	1965
	3795	Hiryo (Flying Dragon trifoliolate)		539671	Iwamassa, Saga, 840, Japan	1978
	3876	English Dwarf trifoliolate (ops)		539788	English Ranch, Lindsay CA	1958
	3882	<i>Poncirus trifoliata</i> var. <i>Hiryo</i> (Flying Dragon)	397	433262	Japan, via Glenn Dale & CCPP	1979
	3888	Monoembryonic <i>Poncirus trifoliata</i>	403	433263	Japan, via Glenn Dale & CCPP	1979
	3938	<i>Poncirus trifoliata</i> #27		539789	PR China	1985
	3939	<i>Poncirus trifoliata</i> #26 "Nanjing"		539790	PR China	1985
	4006	"Big-leaf" trifoliolate		600647	Hunan Horticultural Institute, PR China	1989
	4007	"Little-leaf" trifoliolate		600648	Hunan Horticultural Institute, PR China	1989
	4008	"Little-leaf" trifoliolate		600649	Hunan Horticultural Institute, PR China	1989
	4009	Trifoliolate (open pollinated)		600650	Guandong, PR China	1989
	4017	Small Leaf trifoliolate	541	600657	PR China	1990
22. Trifoliolate hybrid						
	0271	Cunningham citrange		539812	Fawcett's #142, Florida collection	1914
	0275	Savage citrange	249	539813	Fawcett's #135, Florida collection	1914
	0276	Sanford citrange		539814	Fawcett's #141, Florida collection	1914
	0301	Rusk citrange		13002	Fawcett's #137, Florida collection	1914
	1436	Citradia hybrid (cutting A)		539833	W.T. Swingle, USDA	1924
	1437	Citradia hybrid (cutting A)	233	539834	W.T. Swingle, USDA	1924
	1438	Citradia hybrid (cutting A)		539835	W.T. Swingle, USDA	1924
	1441	Rusk citrange		539809	W.T. Swingle, USDA	1924
	1447	Citrangor seedling		539836	W.T. Swingle, USDA	1924
	1448	Citremon		539837	W.T. Swingle, USDA	1924
	1449	Citremon (cutting B)	150	539838	W.T. Swingle, USDA	1924
	1452	Citrumelo seedling	105	539822	W.T. Swingle, USDA	1924
	1459	Troyer citrange (Citruvel) seedling	86,88	539810	W.T. Swingle, USDA	1924

Appendix. Holdings of the University of California, Riverside Citrus Variety Collection

Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^a	PI number ^d		
22. Trifoliolate hybrid (cont.)					
	1463 Morton citrange		539811	W.T. Swingle, USDA	1924
	2618 Citrandarin (Trifoliolate × mandarin)		539839	USDA, Sacaton AZ	1936
	2748 Morton citrange		539754	CPB?	1940
	2863 Carrizo citrange (ops)	97	150916	Plant Introduction	1945?
	2865 Uvalde citrange		150917	Plant Introduction	1943
	2866 Citrange #1416 (ops)		539815	W.C. Cooper, Weslaco TX	1947
	3205 Yuma citrange		539816	Joe Furr, USDSCS, Indio CA. Originally from Yuma AZ	1958
	3336 Spanish sweet orange × <i>Poncirus trifoliata</i> seedling		539817	Albert Newcomb Ranch, Thermal CA	1962
	3337 Sacaton citrumelo seedling		539823	Albert Newcomb Ranch, Thermal CA	1962
	3341 Citrumelo, CPB 4475? (Swingle?)	143	539824	John Carpenter, USDSCS, Indio CA	1961
	3348 Citrumelo		539825	John Carpenter, USDSCS, Indio CA	1961
	3351 Fairhope trifoliolate seedling		539772	Ted Frolich, UCLA	1960
	3414 Sacaton citrumelo (ops)		539826	Del Rio Farms, Weslaco TX	1962
	3415 Citranguma (ops) (S-302)		539841	Albert Newcomb, Thermal CA	1962
	3417 Sacaton citrumelo (ops)		539827	Texas sub-station #19, Winter Haven TX	1962
	3552 Citrangelo seedling (S-281)		539842	A. Newcomb Ranch, Thermal CA	1962
	3566 <i>Microcitrus</i> × trifoliolate or.		539854	Domingo Hardison, La Campana Ranch Fillmore CA	1966
	3573 Glen citrangedin (ops) (Altamaha)		539843	W.C. Cooper, 2120 Camden Rd., Orlando FL	1962
	3767 Swingle (?) citrumelo		539844	John Carpenter, USDSCS, Indio CA	1975
	3771 Swingle citrumelo	356	539828	USDSCS, Indio CA via CCPP	1977
	3821 Citrumelo (Hall grapefruit × trifoliolate)		539845	Hybrid seedling produced at CRC	1978?
	3881 <i>Poncirus trifoliata</i> × Satsuma (citrandarin)	396	433930	Russia via Glenn Dale & CCPP	1979
	3889 Hall gft. x Rubidoux trifoliolate (Code C-190)		539829	Hybrid produced at CRC	1983
	3908 Benton citrange	435	539819	Australia via Glenn Dale (request by W.P. Bitters)	1983
	3911 C-32 citrange	287	539820	CRC 11C-80-7 (trif. × Ruby orange)	
	3912 C-35 citrange	293	539821	CRC 8C-15-7 (trif. × Ruby orange)	
	3954 Minneola × trifoliolate (MXT or Trifeola)	468	539846	Import from South Africa	1985
	3957 Cleopatra mandarin × trifoliolate (X639)	469	539847	Import from South Africa	1985
	3969 African shaddock × Rubidoux trifoliolate	476	539830	USDSCS	1988
	4025 Hamlin + Flying Dragon	533	600676		
23. Miscellaneous species, not genus <i>Citrus</i>					
	1260 <i>Geijera parviflora</i>		52801	George Walder, Dir. of Agric., Sydney, NSW, Australia	1921?
	1430 <i>Atlantia citroides</i>		539145	W.T. Swingle, USDA (cutting A)	1924
	1460 <i>Clausena lansium</i> seedling (Wampee)		539716	W.T. Swingle, USDA	1924
	1466 Fastrimedon (<i>Microcitrus australasica</i> × Calamondin)		539855	W.T. Swingle, USDA	1924
	1484 <i>Microcitrus australasica</i> var. <i>sanguinea</i> seedling (Finger lime)		539734	W.T. Swingle, USDA	
	1485 <i>Microcitrus virgata</i> seedling (Sydney hybrid)		539740	W.T. Swingle, USDA	1924
	1491 <i>Severinia buxifolia</i> (Chinese box orange) - cutting A		539793	W.T. Swingle, USDA	1924
	1492 <i>Severinia buxifolia</i> (nearly spineless) - cuttings E & F		539794	W.T. Swingle, USDA	1924
	1494 <i>Severinia buxifolia</i> seedling		539795	W.T. Swingle, USDA	1924
	1495 <i>Severinia buxifolia</i> seedling		539796	W.T. Swingle, USDA	1924
	1497 <i>Severinia buxifolia</i> (brachytic) seedling		539797	W.T. Swingle, USDA	1924
	1637 <i>Murraya paniculata</i> (Orange Jessamine)		539746	W.T. Swingle, Date Garden, Indio CA	1926
	2439 <i>Eremocitrus glauca</i> hybrid		539801	From CPB to Indio	1930
	2878 <i>Aeglopsis chevalieri</i> seedling		539143	F.E. Gardner, Orlando FL	1950
	2879 <i>Hesperethusa crenulata</i>		539748	F.E. Gardner, Orlando FL	1950?
	2891 Fastrime		539808	F.E. Gardner, Orlando FL	1948?
	3117 <i>Pleiospermium</i> species (ops)		231073	Ted Frolich, UCLA	1957
	3126 <i>Citropsis schweinfurthii</i> (ops)		231240	H. Chapot, Rabat, Morocco	1956
	3140 <i>Aegle marmelos</i> (ops) (Bael fruit)		539142	Charles Knowlton, Fullerton CA	1954
	3165 <i>Murraya koenigii</i> seedling		539745	Bill Stewart, Arboretum, Pasadena CA	
	3166 <i>Clausena excavata</i> (ops)		235419	Ed Pollock, Malong Rd., Parkes N.S.W., Australia	1956
	3171 <i>Murraya paniculata</i> (ops) (Hawaiian Mock orange)		539747	Hort. Dept., Hawaii Agr. Exp. Station	1955
	3284 <i>Clymenia polyandra</i> (ops)		263640	Harold Winters, Beltsville MD	1960
	3285 <i>Glycosmis pentaphylla</i> (ops)		127866	USDA Plant Introd. Station, Glenn Dale, MD	1960
	3286 <i>Citropsis gabunensis</i> (ops)		246335	Yangambi State of INEAC, Belgium	1958
	3287 <i>Atalantia ceylanica</i> (ops)		539144	John Carpenter, USDSCS, Indio CA	1957
	3288 <i>Swinglea glutinosa</i> (ops)		231241	H. Chapot, Ravat, Morocco	1956
	3294 <i>Citropsis daweana</i> (ops)		247137	G.R. Bates, Causeway, Salisbury, Rhodesia	1958
	3296 <i>Citropsis gillettiana</i> (ops)		539149	John Carpenter, USDSCS, Indio CA	1960
	3298 <i>Microcitrus warburgiana</i> (ops)		266043	Dept. of Agric., Port Moresby, Papua New Guinea	1960
	3299 <i>Feronia limonia</i> (Wood Apple)		236991	E. Pollock, Parkes, N.S.W., Australia	1957
	3463 <i>Eremocitrus glauca</i>		539717	Joe Furr, USDSCS, Indio CA	1962
	3507 <i>Triphasia trifolia</i>		539800	Henry Nakasone, Univ. of Hawaii	1956
	3508 <i>Ruta graveolens</i>		600674	Oscar Clark, CRC	1961
	3509 <i>Paramygnia scandens</i> (?)		109758	U.S. Plant Introd. Garden, Glenn Dale MD	1965

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Category	Accession name or description ^b	Other identifiers		Source ^e	Date ^f
		VI number ^c	PI number ^d		
23. Miscellaneous species, not genus <i>Citrus</i> (cont.)					
	3510 <i>Feroniella oblata</i> (ops)		539720	Agric. Exp. Sta., Rio Piedros, Puerto Rico	1964
	3511 <i>Pamburus missionis</i>		539749	U.S. Plant Introduction Station, Miami FL	1964
	3514 <i>Balsamocitrus dawsonii</i>		539147	Prof. K. Mendel, Volcani Institute Rehovoth, Israel	1966
	3517 <i>Calodendron capense</i> (Cape Chestnut)			Wishing Well Nursery, Riverside	1965
	3538 <i>Esenbeckia runyoni</i>			Dave Dryer, Fruit & Veg. Lab., Pasadena CA	1967
	3661 <i>Microcitrus australasica</i>		306115	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3663 <i>Microcitrus australis</i>		306117	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3664 <i>Microcitrus australasica</i>		306117	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3665 <i>Microcitrus australis</i>		306118	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3666 <i>Microcitrus australis</i>		306118	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3667 <i>Microcitrus australis</i>		306118	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3668 <i>Microcitrus australis</i>		306118	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3669 <i>Microcitrus australis</i>		306119	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3670 <i>Microcitrus australasica</i>		539736		
	3671 <i>Microcitrus australasica</i>		312873	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3672 <i>Microcitrus australasica</i>		312872	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3673 <i>Microcitrus australis</i>		312881	Joe Furr, USDCS, Indio CA (from Yuma AZ)	1968?
	3724 <i>Severinia buxifolia</i>		539798	Republic of China	1967
	3725 <i>Atalantia zeylanica</i>		539146	Royal Botanic Gardens, Peradeniya, Ceylon	1967
	3726 <i>Severinia buxifolia?</i>		539799	Royal Botanic Gardens, Peradeniya, Ceylon	1967
	3782 <i>Microcitrus warburgiana</i>		539743	D.J. Hutchinson, Orlando FL	1976
	3784 <i>Microcitrus inodora</i>		539741	D.J. Hutchinson, Orlando FL	1976
	3785 <i>Microcitrus inodora</i>		539742	New Guinea via John Carpenter, USDCS, Indio CA	1977
	3786 <i>Merrillia caloxylon</i>		539733		1969?
	3788 <i>Clausena anisata</i>		358849	Ag. Tech. Serv., Pretoria, South Africa, via Plant Intro Office	1977
	3800 <i>Atalantia monophylla</i>		109613	China, via Glenn Dale & CCPP	1960
	3824 <i>Esenbeckia hartmanii</i>				
	3899 <i>Clausena excavata</i>		539715	Lohan, Sabah, Borneo, via R. Scora	1985
	3902 <i>Micromelum minutum</i>		539744	Kampong (Village), Takutan, Sabah, Borneo	1985
	3917 <i>Clymenia</i> × Procimequat		539848	Hybrid produced at UCR	1966?
	3918 Hardshelled <i>Citrus</i> relative		539732		
	3966 <i>Wenzelia dolichophylla</i>		277411	New Guinea via Glenn Dale	1983
	3967 <i>Clausena lansium</i> , "Kai Sum Wampee"		296321	Glenn Dale Quarantine Facility	1983
	4033 <i>Afraegle paniculata</i>		607466		
	4034 <i>Clausena hardmandiana</i>				
	4035 <i>Glycosmis perakensis</i>				
	4036 <i>Severinia disticha</i>		607467		

^aThe CRC (Citrus Research Center) number is the identification number used for CVC purposes.

^b(ops)=open pollinated seedling.

^cA VI (Virus Introduction) index number is assigned to an accession by the CCPP after it has been cleaned.

^dThe PI (Plant Introduction) number is assigned by the US NPGS for items it has accessioned.

^eSource of accession, intermediary, and origin, if known. Glenn Dale is the location in Maryland of a USDA quarantine facility. Abbreviations used: CPB=Crop Plant Breeding-USDA.

^fDate the accession was received by the CVC.