

Appendix F: Tree Species Codes, Names, and Occurrences

Major groups (MAJGRP) are (1) pines, (2) other softwoods, (3) soft hardwoods, and (4) hard hardwoods. The 48 species groups (SPGRPCD) can be found in appendix E. The FIA work units listed are NC - (former) North Central, NE - (former) Northeastern, PNW - Pacific Northwest, RM - Rocky Mountain, and SO - Southern. A dash means the cell is intentionally left blank.

Note: The REF_SPECIES download file contains urban species (noted by SPGRPCD = 55 or 56) that are not documented in this appendix. See the [Urban FIADB guide](https://www.fia.fs.fed.us/library/database-documentation/index.php) for documentation (available at web address: <https://www.fia.fs.fed.us/library/database-documentation/index.php>).

Tree Species:

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
10	fir spp.	<i>Abies</i> spp.	6	12	2	X	X	-	-	X
11	Pacific silver fir	<i>Abies amabilis</i>	9	12	2	-	-	X	-	-
12	balsam fir	<i>Abies balsamea</i>	6	12	2	X	X	-	-	X
14	Santa Lucia or bristlecone fir	<i>Abies bracteata</i>	9	12	2	-	-	X	-	-
15	white fir	<i>Abies concolor</i>	9	12	2	X	-	X	X	X
16	Fraser fir	<i>Abies fraseri</i>	9	12	2	X	X	-	-	X
17	grand fir	<i>Abies grandis</i>	9	12	2	-	-	X	X	-
18	corkbark fir	<i>Abies lasiocarpa</i> var. <i>arizonica</i>	9	12	2	-	-	-	X	X
19	subalpine fir	<i>Abies lasiocarpa</i>	9	12	2	-	-	X	X	X
20	California red fir	<i>Abies magnifica</i>	9	12	2	-	-	X	X	-
21	Shasta red fir	<i>Abies shastensis</i>	9	12	2	-	-	X	X	-
22	noble fir	<i>Abies procera</i>	9	12	2	-	-	X	X	-
40	white-cedar spp.	<i>Chamaecyparis</i> spp.	9	24	2	-	X	X	-	-
41	Port-Orford-cedar	<i>Chamaecyparis lawsoniana</i>	9	24	2	-	-	X	-	-
42	Alaska yellow-cedar	<i>Chamaecyparis nootkatensis</i>	9	24	2	-	-	X	-	-
43	Atlantic white-cedar	<i>Chamaecyparis thyoides</i>	9	24	2	-	X	-	-	X
50	cypress	<i>Cupressus</i> spp.	9	24	2	-	-	X	-	X
51	Arizona cypress	<i>Cupressus arizonica</i>	9	24	2	-	-	X	X	X
52	Baker or Modoc cypress	<i>Cupressus bakeri</i>	9	24	2	-	-	X	-	-
53	Tecate cypress	<i>Cupressus forbesii</i>	9	24	2	-	-	X	-	-
54	Monterey cypress	<i>Cupressus macrocarpa</i>	9	24	2	-	-	X	-	-
55	Sargent's cypress	<i>Cupressus sargentii</i>	9	24	2	-	-	X	-	-
56	MacNab's cypress	<i>Cupressus macnabiana</i>	9	24	2	-	-	X	-	-
57	redcedar/juniper spp.	<i>Juniperus</i> spp.	9	23	2	X	X	-	-	X
58	Pinchot juniper	<i>Juniperus pinchotii</i>	23	23	2	-	-	-	X	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
59	redberry juniper	<i>Juniperus coahuilensis</i>	23	23	2	-	-	-	X	X
60	drooping juniper	<i>Juniperus flaccida</i>	23	23	2	-	-	-	-	X
61	Ashe juniper	<i>Juniperus ashei</i>	23	23	2	X	-	-	-	X
62	California juniper	<i>Juniperus californica</i>	23	23	2	-	-	X	X	-
63	alligator juniper	<i>Juniperus deppeana</i>	23	23	2	-	-	-	X	X
64	western juniper	<i>Juniperus occidentalis</i>	9	24	2	-	-	X	X	-
65	Utah juniper	<i>Juniperus osteosperma</i>	23	23	2	-	-	X	X	X
66	Rocky Mountain juniper	<i>Juniperus scopulorum</i>	23	23	2	X	-	X	X	X
67	southern redcedar	<i>Juniperus virginiana</i> var. <i>silicicola</i>	9	24	2	-	-	-	-	X
68	eastern redcedar	<i>Juniperus virginiana</i>	9	24	2	X	X	-	X	X
69	oneseed juniper	<i>Juniperus monosperma</i>	23	23	2	-	-	-	X	X
70	larch spp.	<i>Larix</i> spp.	9	24	2	X	X	-	-	-
71	tamarack (native)	<i>Larix laricina</i>	9	24	2	X	X	X	-	-
72	subalpine larch	<i>Larix lyallii</i>	9	24	2	-	-	X	X	-
73	western larch	<i>Larix occidentalis</i>	9	19	2	-	-	X	X	-
81	incense-cedar	<i>Calocedrus decurrens</i>	9	20	2	-	-	X	X	-
90	spruce spp.	<i>Picea</i> spp.	6	18	2	X	X	-	-	X
91	Norway spruce	<i>Picea abies</i>	9	18	2	X	X	-	-	X
92	Brewer spruce	<i>Picea breweriana</i>	9	18	2	-	-	X	-	-
93	Engelmann spruce	<i>Picea engelmannii</i>	9	18	2	X	-	X	X	X
94	white spruce	<i>Picea glauca</i>	6	18	2	X	X	X	X	X
95	black spruce	<i>Picea mariana</i>	6	18	2	X	X	X	-	X
96	blue spruce	<i>Picea pungens</i>	9	18	2	X	X	-	X	X
97	red spruce	<i>Picea rubens</i>	6	18	2	-	X	-	-	X
98	Sitka spruce	<i>Picea sitchensis</i>	9	17	2	-	-	X	-	-
100	pine spp.	<i>Pinus</i> spp.	9	24	1	X	X	X	-	X
101	whitebark pine	<i>Pinus albicaulis</i>	9	24	1	-	-	X	X	-
102	Rocky Mountain bristlecone pine	<i>Pinus aristata</i>	9	24	1	-	-	X	X	X
103	knobcone pine	<i>Pinus attenuata</i>	9	24	1	-	-	X	X	-
104	foxtail pine	<i>Pinus balfouriana</i>	9	24	1	-	-	X	X	-
105	jack pine	<i>Pinus banksiana</i>	5	24	1	X	X	-	-	-
106	common or two-needle pinyon	<i>Pinus edulis</i>	23	23	1	-	-	X	X	X
107	sand pine	<i>Pinus clausa</i>	3	24	1	-	-	-	-	X
108	lodgepole pine	<i>Pinus contorta</i>	9	21	1	X	-	X	X	-
109	Coulter pine	<i>Pinus coulteri</i>	9	24	1	-	-	X	-	-
110	shortleaf pine	<i>Pinus echinata</i>	2	24	1	X	X	-	-	X
111	slash pine	<i>Pinus elliotii</i>	1	24	1	-	-	-	-	X
112	Apache pine	<i>Pinus engelmannii</i>	9	24	1	-	-	-	X	-

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
113	limber pine	<i>Pinus flexilis</i>	9	24	1	X	-	X	X	X
114	southwestern white pine	<i>Pinus strobiformis</i>	9	24	1	-	-	-	X	X
115	spruce pine	<i>Pinus glabra</i>	3	24	1	-	-	-	-	X
116	Jeffrey pine	<i>Pinus jeffreyi</i>	9	11	1	-	-	X	X	-
117	sugar pine	<i>Pinus lambertiana</i>	9	14	1	-	-	X	X	-
118	Chihuahuan pine	<i>Pinus leiophylla</i>	9	24	1	-	-	-	X	X
119	western white pine	<i>Pinus monticola</i>	9	15	1	-	-	X	X	-
120	bishop pine	<i>Pinus muricata</i>	9	24	1	-	-	X	-	-
121	longleaf pine	<i>Pinus palustris</i>	1	24	1	-	-	-	-	X
122	ponderosa pine	<i>Pinus ponderosa</i>	9	11	1	X	-	X	X	X
123	Table Mountain pine	<i>Pinus pungens</i>	3	24	1	-	X	-	-	X
124	Monterey pine	<i>Pinus radiata</i>	9	24	1	-	-	X	-	-
125	red pine	<i>Pinus resinosa</i>	4	24	1	X	X	-	-	X
126	pitch pine	<i>Pinus rigida</i>	3	24	1	-	X	-	-	X
127	gray or California foothill pine	<i>Pinus sabiniana</i>	9	24	1	-	-	X	-	-
128	pond pine	<i>Pinus serotina</i>	3	24	1	-	X	-	-	X
129	eastern white pine	<i>Pinus strobus</i>	4	24	1	X	X	-	-	X
130	Scotch pine	<i>Pinus sylvestris</i>	3	24	1	X	X	X	X	X
131	loblolly pine	<i>Pinus taeda</i>	2	24	1	X	X	-	-	X
132	Virginia pine	<i>Pinus virginiana</i>	3	24	1	X	X	-	-	X
133	singleleaf pinyon	<i>Pinus monophylla</i>	23	23	1	-	-	X	X	X
134	border pinyon	<i>Pinus discolor</i>	23	23	1	-	-	-	X	X
135	Arizona pine	<i>Pinus arizonica</i>	9	11	1	-	-	-	X	X
136	Austrian pine	<i>Pinus nigra</i>	9	24	1	X	X	-	X	X
137	Washoe pine	<i>Pinus washoensis</i>	9	24	1	-	-	X	X	-
138	four-leaf or Parry pinyon pine	<i>Pinus quadrifolia</i>	23	23	1	-	-	X	-	-
139	Torrey pine	<i>Pinus torreyana</i>	9	24	1	-	-	X	-	-
140	Mexican pinyon pine	<i>Pinus cembroides</i>	23	23	1	-	-	-	X	X
141	papershell pinyon pine	<i>Pinus remota</i>	23	23	1	-	-	-	-	X
142	Great Basin bristlecone pine	<i>Pinus longaeva</i>	9	24	1	-	-	X	X	-
143	Arizona pinyon pine	<i>Pinus monophylla</i> var. <i>fallax</i>	23	23	1	-	-	-	X	X
144	Honduras pine	<i>Pinus elliottii</i> var. <i>elliottii</i>	9	24	1	-	-	-	-	X
200	Douglas-fir spp.	<i>Pseudotsuga</i> spp.	9	10	2	X	-	X	-	-
201	bigcone Douglas-fir	<i>Pseudotsuga macrocarpa</i>	9	10	2	-	-	X	-	-
202	Douglas-fir	<i>Pseudotsuga menziesii</i>	9	10	2	X	X	X	X	X
211	redwood	<i>Sequoia sempervirens</i>	9	16	2	-	-	X	-	-
212	giant sequoia	<i>Sequoiadendron giganteum</i>	9	24	2	-	-	X	-	-
220	baldcypress spp.	<i>Taxodium</i> spp.	9	24	2	X	X	-	-	X
221	baldcypress	<i>Taxodium distichum</i>	8	24	2	X	X	-	-	X
222	pondcypress	<i>Taxodium ascendens</i>	8	24	2	-	X	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
223	Montezuma baldcypress	<i>Taxodium mucronatum</i>	8	24	2	-	-	-	-	X
230	yew spp.	<i>Taxus</i> spp.	9	24	2	X	-	X	-	-
231	Pacific yew	<i>Taxus brevifolia</i>	9	24	2	-	-	X	X	-
232	Florida yew	<i>Taxus floridana</i>	9	24	2	-	-	-	-	X
240	thuja spp.	<i>Thuja</i> spp.	9	24	2	X	-	X	-	X
241	northern white-cedar	<i>Thuja occidentalis</i>	9	24	2	X	X	-	-	X
242	western redcedar	<i>Thuja plicata</i>	9	22	2	-	-	X	X	-
250	torreya (nutmeg) spp.	<i>Torreya</i> spp.	9	24	2	-	-	X	-	-
251	California torreya (nutmeg)	<i>Torreya californica</i>	9	24	2	-	-	X	-	-
252	Florida torreya (nutmeg)	<i>Torreya taxifolia</i>	9	24	2	-	-	-	-	X
260	hemlock spp.	<i>Tsuga</i> spp.	7	24	2	X	X	-	-	X
261	eastern hemlock	<i>Tsuga canadensis</i>	7	24	2	X	X	-	-	X
262	Carolina hemlock	<i>Tsuga caroliniana</i>	7	24	2	-	-	-	-	X
263	western hemlock	<i>Tsuga heterophylla</i>	9	13	2	-	-	X	X	-
264	mountain hemlock	<i>Tsuga mertensiana</i>	9	24	2	-	-	X	X	-
299	Unknown dead conifer	<i>Tree evergreen</i>	9	24	2	X	X	X	-	X
300	acacia spp.	<i>Acacia</i> spp.	48	48	3	-	-	X	-	X
303	sweet acacia	<i>Acacia farnesiana</i>	48	48	3	-	-	X	-	X
304	catclaw acacia	<i>Acacia greggii</i>	48	48	3	-	-	X	-	X
310	maple spp.	<i>Acer</i> spp.	31	47	4	X	X	-	-	X
311	Florida maple	<i>Acer barbatum</i>	31	47	4	-	-	-	-	X
312	bigleaf maple	<i>Acer macrophyllum</i>	43	47	3	-	-	X	-	X
313	boxelder	<i>Acer negundo</i>	41	47	3	X	X	X	X	X
314	black maple	<i>Acer nigrum</i>	31	47	4	X	X	-	-	X
315	striped maple	<i>Acer pensylvanicum</i>	43	47	3	X	X	-	-	X
316	red maple	<i>Acer rubrum</i>	32	47	3	X	X	-	-	X
317	silver maple	<i>Acer saccharinum</i>	32	47	3	X	X	-	-	X
318	sugar maple	<i>Acer saccharum</i>	31	47	4	X	X	-	-	X
319	mountain maple	<i>Acer spicatum</i>	43	47	4	X	X	-	-	X
320	Norway maple	<i>Acer platanoides</i>	31	47	4	X	X	X	-	X
321	Rocky Mountain maple	<i>Acer glabrum</i>	48	48	4	X	-	X	-	X
322	bigtooth maple	<i>Acer grandidentatum</i>	48	48	4	-	-	X	X	X
323	chalk maple	<i>Acer leucoderme</i>	31	47	4	-	-	-	-	X
330	buckeye, horsechestnut spp.	<i>Aesculus</i> spp.	41	47	3	X	X	X	-	X
331	Ohio buckeye	<i>Aesculus glabra</i>	41	47	3	X	X	-	-	X
332	yellow buckeye	<i>Aesculus flava</i>	43	47	3	X	X	-	-	X
333	California buckeye	<i>Aesculus californica</i>	41	47	3	-	-	X	-	-
334	Texas buckeye	<i>Aesculus glabra</i> var. <i>arguta</i>	41	47	3	X	-	-	-	X
336	red buckeye	<i>Aesculus pavia</i>	43	47	3	X	X	-	-	X
337	painted buckeye	<i>Aesculus sylvatica</i>	41	47	3	-	-	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
341	ailanthus	<i>Ailanthus altissima</i>	43	47	4	X	X	X	-	X
345	mimosa, silktree	<i>Albizia julibrissin</i>	43	47	3	X	X	-	-	X
350	alder spp.	<i>Alnus</i> spp.	41	47	3	X	-	X	-	X
351	red alder	<i>Alnus rubra</i>	43	45	3	-	-	X	X	X
352	white alder	<i>Alnus rhombifolia</i>	43	47	3	-	-	X	X	-
353	Arizona alder	<i>Alnus oblongifolia</i>	43	47	3	-	-	X	X	X
355	European alder	<i>Alnus glutinosa</i>	43	47	3	X	X	-	-	X
356	serviceberry spp.	<i>Amelanchier</i> spp.	43	47	4	X	X	-	-	X
357	common serviceberry	<i>Amelanchier arborea</i>	43	47	4	X	X	-	-	X
358	roundleaf serviceberry	<i>Amelanchier sanguinea</i>	43	47	4	X	X	-	-	-
360	madrone spp.	<i>Arbutus</i> spp.	43	47	4	-	-	X	-	X
361	Pacific madrone	<i>Arbutus menziesii</i>	43	47	4	-	-	X	X	-
362	Arizona madrone	<i>Arbutus arizonica</i>	43	47	4	-	-	X	X	X
363	Texas madrone	<i>Arbutus xalapensis</i>	48	48	4	-	-	-	-	X
367	pawpaw	<i>Asimina triloba</i>	43	47	3	X	X	-	-	X
370	birch spp.	<i>Betula</i> spp.	41	47	4	X	X	-	-	X
371	yellow birch	<i>Betula alleghaniensis</i>	30	47	4	X	X	-	-	X
372	sweet birch	<i>Betula lenta</i>	42	47	4	X	X	-	-	X
373	river birch	<i>Betula nigra</i>	41	47	3	X	X	-	-	X
374	water birch	<i>Betula occidentalis</i>	41	47	3	X	-	X	X	X
375	paper birch	<i>Betula papyrifera</i>	41	47	3	X	X	X	X	X
376	resin birch	<i>Betula neoalaskana</i>	41	47	3	-	-	X	-	-
377	Virginia roundleaf birch	<i>Betula uber</i>	41	47	3	-	-	-	-	X
378	northwestern paper birch	<i>Betula x utahensis</i>	43	47	3	-	-	X	-	-
379	gray birch	<i>Betula populifolia</i>	41	47	3	X	X	-	-	X
381	chittamwood, gum bumelia	<i>Sideroxylon lanuginosum</i> ssp. <i>lanuginosum</i>	43	47	4	X	-	-	-	X
391	American hornbeam, musclewood	<i>Carpinus caroliniana</i>	43	47	4	X	X	-	-	X
400	hickory spp.	<i>Carya</i> spp.	29	47	4	X	X	-	-	X
401	water hickory	<i>Carya aquatica</i>	29	47	4	X		-	-	X
402	bitternut hickory	<i>Carya cordiformis</i>	29	47	4	X	X	-	-	X
403	pignut hickory	<i>Carya glabra</i>	29	47	4	X	X	-	-	X
404	pecan	<i>Carya illinoensis</i>	29	47	4	X	X	-	X	X
405	shellbark hickory	<i>Carya laciniosa</i>	29	47	4	X	X	-	-	X
406	nutmeg hickory	<i>Carya myristiciformis</i>	29	47	4	-	-	-	-	X
407	shagbark hickory	<i>Carya ovata</i>	29	47	4	X	X	-	-	X
408	black hickory	<i>Carya texana</i>	29	47	4	X	-	-	-	X
409	mockernut hickory	<i>Carya alba</i>	29	47	4	X	X	-	-	X
410	sand hickory	<i>Carya pallida</i>	29	47	4	X	X	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
411	scrub hickory	<i>Carya floridana</i>	29	47	4	-	-	-	-	X
412	red hickory	<i>Carya ovalis</i>	29	47	4	X	X	-	-	X
413	southern shagbark hickory	<i>Carya carolinae-septentrionalis</i>	29	47	4	-	-	-	-	X
420	chestnut spp.	<i>Castanea</i> spp.	43	47	3	X	X	-	-	X
421	American chestnut	<i>Castanea dentata</i>	43	47	3	X	X	-	-	X
422	Allegheny chinkapin	<i>Castanea pumila</i>	43	47	3	X	X	-	-	X
423	Ozark chinkapin	<i>Castanea pumila</i> var. <i>ozarkensis</i>	43	47	3	X	-	-	-	X
424	Chinese chestnut	<i>Castanea mollissima</i>	43	47	3	X	X	-	-	X
431	giant chinkapin, golden chinkapin	<i>Chrysolepis chrysophylla</i> var. <i>chrysophylla</i>	43	47	3	-	-	X	-	-
450	catalpa spp.	<i>Catalpa</i> spp.	42	47	4	X	X	-	-	X
451	southern catalpa	<i>Catalpa bignonioides</i>	43	47	4	X	X	-	-	X
452	northern catalpa	<i>Catalpa speciosa</i>	41	47	3	X	X	-	-	X
460	hackberry spp.	<i>Celtis</i> spp.	41	47	3	X	X	X	-	X
461	sugarberry	<i>Celtis laevigata</i>	41	47	3	X	X	-	X	X
462	hackberry	<i>Celtis occidentalis</i>	41	47	3	X	X	-	X	X
463	netleaf hackberry	<i>Celtis laevigata</i> var. <i>reticulata</i>	41	47	3	X	-	-	-	X
471	eastern redbud	<i>Cercis canadensis</i>	43	47	3	X	X	-	-	X
475	curlleaf mountain-mahogany	<i>Cercocarpus ledifolius</i>	48	48	4	-	-	X	X	X
481	yellowwood	<i>Cladrastis kentukea</i>	43	47	4	X	X	-	-	X
490	dogwood spp.	<i>Cornus</i> spp.	43	47	4	X	X	X	-	-
491	flowering dogwood	<i>Cornus florida</i>	42	47	4	X	X	-	-	X
492	Pacific dogwood	<i>Cornus nuttallii</i>	43	47	4	-	-	X	X	X
500	hawthorn spp.	<i>Crataegus</i> spp.	43	47	4	X	X	X	-	X
501	cockspur hawthorn	<i>Crataegus crus-galli</i>	43	47	4	X	X	-	-	X
502	downy hawthorn	<i>Crataegus mollis</i>	43	47	4	X	X	-	-	X
503	Brainerd's hawthorn	<i>Crataegus brainerdii</i>	43	47	4	X	X	-	-	X
504	pear hawthorn	<i>Crataegus calpodendron</i>	43	47	4	X	X	-	-	X
505	fireberry hawthorn	<i>Crataegus chrysocarpa</i>	43	47	4	X	X	-	-	X
506	broadleaf hawthorn	<i>Crataegus dilatata</i>	43	47	4	X	X	-	-	X
507	fanleaf hawthorn	<i>Crataegus flabellata</i>	43	47	4	X	X	-	-	X
508	oneseed hawthorn	<i>Crataegus monogyna</i>	43	47	4	X	X	-	-	X
509	scarlet hawthorn	<i>Crataegus pedicellata</i>	43	47	4	X	X	-	-	X
5091	Washington hawthorn	<i>Crataegus phaenopyrum</i>	43	47	4	X	X	-	-	X
5092	fleshy hawthorn	<i>Crataegus succulenta</i>	43	47	4	X	X	-	-	X
5093	dwarf hawthorn	<i>Crataegus uniflora</i>	43	47	4	X	X	-	-	X
510	eucalyptus spp.	<i>Eucalyptus</i> spp.	42	47	4	-	-	X	-	X
511	Tasmanian bluegum	<i>Eucalyptus globulus</i>	43	47	4	-	-	X	-	X
512	river redgum	<i>Eucalyptus camaldulensis</i>	43	47	4	-	-	X	-	-
513	grand eucalyptus	<i>Eucalyptus grandis</i>	43	47	4	-	-	X	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
514	swampmahogany	<i>Eucalyptus robusta</i>	43	47	4	-	-	X	-	X
520	persimmon spp.	<i>Diospyros</i> spp.	43	47	4	X	X	X	-	X
521	common persimmon	<i>Diospyros virginiana</i>	42	47	4	X	X	-	-	X
522	Texas persimmon	<i>Diospyros texana</i>	43	47	4	-	-	-	-	X
523	Anacua knockaway	<i>Ehretia anacua</i>	48	48	3	-	-	-	-	X
531	American beech	<i>Fagus grandifolia</i>	33	47	4	X	X	-	-	X
540	ash spp.	<i>Fraxinus</i> spp.	36	47	3	X	X	X	-	X
541	white ash	<i>Fraxinus americana</i>	36	47	4	X	X	X	-	X
542	Oregon ash	<i>Fraxinus latifolia</i>	43	47	4	-	-	X	-	-
543	black ash	<i>Fraxinus nigra</i>	36	47	3	X	X	-	-	X
544	green ash	<i>Fraxinus pennsylvanica</i>	36	47	4	X	X	-	X	X
545	pumpkin ash	<i>Fraxinus profunda</i>	36	47	3	X	X	-	-	X
546	blue ash	<i>Fraxinus quadrangulata</i>	36	47	4	X	X	-	-	X
547	velvet ash	<i>Fraxinus velutina</i>	43	47	4	-	-	X	X	X
548	Carolina ash	<i>Fraxinus caroliniana</i>	36	47	4	-	-	-	-	X
549	Texas ash	<i>Fraxinus texensis</i>	36	47	3	-	-	-	-	X
5491	Berlandier ash	<i>Fraxinus berlandieriana</i>	36	47	3	-	-	-	-	X
550	honeylocust spp.	<i>Gleditsia</i> spp.	42	47	4	X	X	X	-	X
551	waterlocust	<i>Gleditsia aquatica</i>	42	47	4	X	-	-	-	X
552	honeylocust	<i>Gleditsia triacanthos</i>	42	47	4	X	X	-	X	X
555	loblolly-bay	<i>Gordonia lasianthus</i>	41	47	3	-	-	-	-	X
561	ginkgo, maidenhair tree	<i>Ginkgo biloba</i>	43	47	3	X	X	X	-	X
571	Kentucky coffeetree	<i>Gymnocladus dioicus</i>	42	47	4	X	X	-	-	X
580	silverbell spp.	<i>Halesia</i> spp.	43	47	3	X	X	-	-	X
581	Carolina silverbell	<i>Halesia carolina</i>	41	47	3	-	-	-	-	X
582	two-wing silverbell	<i>Halesia diptera</i>	41	47	3	-	-	-	-	X
583	little silverbell	<i>Halesia parviflora</i>	41	47	3	-	-	-	-	X
591	American holly	<i>Ilex opaca</i>	42	47	4	X	X	X	-	X
600	walnut spp.	<i>Juglans</i> spp.	41	47	4	X	X	X	-	X
601	butternut	<i>Juglans cinerea</i>	41	47	3	X	X	-	-	X
602	black walnut	<i>Juglans nigra</i>	40	47	4	X	X	X	X	X
603	northern California black walnut	<i>Juglans hindsii</i>	43	47	4	-	-	X	-	-
604	southern California black walnut	<i>Juglans californica</i>	43	47	4	-	-	X	-	-
605	Texas walnut	<i>Juglans microcarpa</i>	41	47	4	X	-	-	-	X
606	Arizona walnut	<i>Juglans major</i>	43	47	4	-	-	X	X	X
611	sweetgum	<i>Liquidambar styraciflua</i>	34	47	3	X	X	X	-	X
621	yellow-poplar	<i>Liriodendron tulipifera</i>	39	47	3	X	X	-	-	X
631	tanoak	<i>Lithocarpus densiflorus</i>	43	47	4	-	-	X	-	-

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
641	Osage-orange	<i>Maclura pomifera</i>	43	47	4	X	X	-	-	X
650	magnolia spp.	<i>Magnolia</i> spp.	41	47	3	X	X	-	-	X
651	cucumbertree	<i>Magnolia acuminata</i>	41	47	3	X	X	-	-	X
652	southern magnolia	<i>Magnolia grandiflora</i>	41	47	3	-	X	-	-	X
653	sweetbay	<i>Magnolia virginiana</i>	43	47	3	-	X	-	-	X
654	bigleaf magnolia	<i>Magnolia macrophylla</i>	43	47	4	-	X	-	-	X
655	mountain or Fraser magnolia	<i>Magnolia fraseri</i>	41	47	3	-	X	-	-	X
657	pyramid magnolia	<i>Magnolia pyramidata</i>	41	47	3	-	-	-	-	X
658	umbrella magnolia	<i>Magnolia tripetala</i>	41	47	3	X	X	-	-	X
660	apple spp.	<i>Malus</i> spp.	43	47	4	X	X	X	-	X
661	Oregon crab apple	<i>Malus fusca</i>	43	47	4	-	-	X	-	-
662	southern crab apple	<i>Malus angustifolia</i>	43	47	4	X	X	-	-	X
663	sweet crab apple	<i>Malus coronaria</i>	43	47	4	X	X	-	-	X
664	prairie crab apple	<i>Malus ioensis</i>	43	47	4	X	-	-	-	X
680	mulberry spp.	<i>Morus</i> spp.	42	47	4	X	X	-	-	X
681	white mulberry	<i>Morus alba</i>	42	47	4	X	X	X	-	X
682	red mulberry	<i>Morus rubra</i>	42	47	4	X	X	-	-	X
683	Texas mulberry	<i>Morus microphylla</i>	42	47	4	-	-	-	-	X
684	black mulberry	<i>Morus nigra</i>	43	47	4	-	X	-	-	X
690	tupelo spp.	<i>Nyssa</i> spp.	35	47	3	X	X	-	-	X
691	water tupelo	<i>Nyssa aquatica</i>	35	47	3	X	-	-	-	X
692	Ogeechee tupelo	<i>Nyssa ogeche</i>	43	47	4	-	-	-	-	X
693	blackgum	<i>Nyssa sylvatica</i>	35	47	3	X	X	-	-	X
694	swamp tupelo	<i>Nyssa biflora</i>	35	47	3	X	X	-	-	X
701	eastern hophornbeam	<i>Ostrya virginiana</i>	43	47	4	X	X	-	-	X
711	sourwood	<i>Oxydendrum arboreum</i>	43	47	4	X	X	-	-	X
712	paulownia, empress-tree	<i>Paulownia tomentosa</i>	41	47	3	X	X	X	-	X
720	bay spp.	<i>Persea</i> spp.	43	47	3	-	X	X	-	X
721	redbay	<i>Persea borbonia</i>	41	47	3	-	-	-	-	X
7211	avocado	<i>Persea americana</i>	43	47	3	-	-	X	-	X
722	water-elm, planertree	<i>Planera aquatica</i>	43	47	3	X	-	-	-	X
729	sycamore spp.	<i>Platanus</i> spp.	41	47	3	X	X	X	-	X
730	California sycamore	<i>Platanus racemosa</i>	43	47	3	-	-	X	-	-
731	American sycamore	<i>Platanus occidentalis</i>	41	47	3	X	X	X	-	X
732	Arizona sycamore	<i>Platanus wrightii</i>	41	47	3	-	-	X	X	X
740	cottonwood and poplar spp.	<i>Populus</i> spp.	37	44	3	X	X	-	-	X
741	balsam poplar	<i>Populus balsamifera</i>	37	44	3	X	X	X	X	X
742	eastern cottonwood	<i>Populus deltoides</i>	37	44	3	X	X	-	X	X
743	bigtooth aspen	<i>Populus grandidentata</i>	37	44	3	X	X	-	-	X
744	swamp cottonwood	<i>Populus heterophylla</i>	37	44	3	X	X	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
745	plains cottonwood	<i>Populus deltoides ssp. monilifera</i>	37	44	3	X	-	-	X	X
746	quaking aspen	<i>Populus tremuloides</i>	37	44	3	X	X	X	X	X
747	black cottonwood	<i>Populus balsamifera ssp. trichocarpa</i>	37	44	4	X	-	X	X	-
748	Fremont cottonwood	<i>Populus fremontii</i>	37	44	4	-	-	X	X	X
749	narrowleaf cottonwood	<i>Populus angustifolia</i>	37	44	3	X	-	-	X	X
752	silver poplar	<i>Populus alba</i>	37	44	3	X	X	-	-	X
753	Lombardy poplar	<i>Populus nigra</i>	37	44	3	X	X	X	-	X
755	mesquite spp.	<i>Prosopis</i> spp.	48	48	4	-	-	X	-	X
756	honey mesquite	<i>Prosopis glandulosa</i>	48	48	4	-	-	X	X	X
757	velvet mesquite	<i>Prosopis velutina</i>	48	48	4	-	-	X	X	X
758	screwbean mesquite	<i>Prosopis pubescens</i>	48	48	4	-	-	X	X	X
760	cherry and plum spp.	<i>Prunus</i> spp.	43	47	4	X	X	X	-	X
761	pin cherry	<i>Prunus pensylvanica</i>	43	47	3	X	X	-	-	X
762	black cherry	<i>Prunus serotina</i>	41	47	3	X	X	-	-	X
763	chokecherry	<i>Prunus virginiana</i>	43	47	4	X	X	X	-	X
764	peach	<i>Prunus persica</i>	43	47	3	X	X	X	-	X
765	Canada plum	<i>Prunus nigra</i>	43	47	4	X	X	-	-	X
766	American plum	<i>Prunus americana</i>	43	47	4	X	X	-	-	X
768	bitter cherry	<i>Prunus emarginata</i>	43	47	4	-	-	X	-	-
769	Allegheny plum	<i>Prunus alleghaniensis</i>	43	47	3	X	X	-	-	X
770	Chickasaw plum	<i>Prunus angustifolia</i>	43	47	3	X	X	-	-	X
771	sweet cherry, domesticated	<i>Prunus avium</i>	43	47	3	X	X	X	-	X
772	sour cherry, domesticated	<i>Prunus cerasus</i>	43	47	3	X	X	X	-	-
773	European plum, domesticated	<i>Prunus domestica</i>	43	47	3	X	X	X	-	-
774	Mahaleb cherry, domesticated	<i>Prunus mahaleb</i>	43	47	3	X	X	X	-	-
800	oak spp.	<i>Quercus</i> spp.	42	48	4	X	X	X	-	X
801	California live oak	<i>Quercus agrifolia</i>	43	46	4	-	-	X	-	-
802	white oak	<i>Quercus alba</i>	25	47	4	X	X	-	-	X
803	Arizona white oak	<i>Quercus arizonica</i>	48	48	4	-	-	-	X	X
804	swamp white oak	<i>Quercus bicolor</i>	25	47	4	X	X	-	-	X
805	canyon live oak	<i>Quercus chrysolepis</i>	43	46	4	-	-	X	-	-
806	scarlet oak	<i>Quercus coccinea</i>	28	47	4	X	X	-	-	X
807	blue oak	<i>Quercus douglasii</i>	43	46	4	-	-	X	-	-
808	Durand oak	<i>Quercus sinuata</i> var. <i>sinuata</i>	25	47	4	-	-	-	-	X
809	northern pin oak	<i>Quercus ellipsoidalis</i>	28	47	4	X	X	-	-	X
810	Emory oak	<i>Quercus emoryi</i>	48	48	4	-	-	-	X	X
811	Engelmann oak	<i>Quercus engelmannii</i>	43	46	4	-	-	X	-	-
812	southern red oak	<i>Quercus falcata</i>	28	47	4	X	X	-	-	X
813	cherrybark oak	<i>Quercus pagoda</i>	26	47	4	X	X	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
814	Gambel oak	<i>Quercus gambelii</i>	48	48	4	-	-	-	X	X
815	Oregon white oak	<i>Quercus garryana</i>	43	46	4	-	-	X	-	-
816	scrub oak	<i>Quercus ilicifolia</i>	43	47	4	-	X	-	-	X
817	shingle oak	<i>Quercus imbricaria</i>	28	47	4	X	X	-	-	X
818	California black oak	<i>Quercus kelloggii</i>	43	46	4	-	-	X	-	-
819	turkey oak	<i>Quercus laevis</i>	43	47	4	-	-	-	-	X
820	laurel oak	<i>Quercus laurifolia</i>	28	47	4	-	X	-	-	X
821	California white oak	<i>Quercus lobata</i>	43	46	4	-	-	X	-	-
822	overcup oak	<i>Quercus lyrata</i>	27	47	4	X	X	-	-	X
823	bur oak	<i>Quercus macrocarpa</i>	25	47	4	X	X	-	X	X
824	blackjack oak	<i>Quercus marilandica</i>	28	47	4	X	X	-	-	X
825	swamp chestnut oak	<i>Quercus michauxii</i>	25	47	4	X	X	-	-	X
826	chinkapin oak	<i>Quercus muehlenbergii</i>	25	47	4	X	X	X	X	X
827	water oak	<i>Quercus nigra</i>	28	47	4	X	X	-	-	X
828	Texas red oak	<i>Quercus texana</i>	28	47	4	X	-	-	-	X
829	Mexican blue oak	<i>Quercus oblongifolia</i>	48	48	4	-	-	-	X	X
830	pin oak	<i>Quercus palustris</i>	28	47	4	X	X	-	-	X
831	willow oak	<i>Quercus phellos</i>	28	47	4	X	X	-	-	X
832	chestnut oak	<i>Quercus prinus</i>	27	47	4	X	X	-	-	X
833	northern red oak	<i>Quercus rubra</i>	26	47	4	X	X	-	-	X
834	Shumard oak	<i>Quercus shumardii</i>	26	47	4	X	X	-	-	X
835	post oak	<i>Quercus stellata</i>	27	47	4	X	X	-	-	X
836	Delta post oak	<i>Quercus similis</i>	27	47	4	-	-	-	-	X
837	black oak	<i>Quercus velutina</i>	28	47	4	X	X	-	-	X
838	live oak	<i>Quercus virginiana</i>	27	47	4	-	-	-	-	X
839	interior live oak	<i>Quercus wislizeni</i>	43	46	4	-	-	X	-	-
840	dwarf post oak	<i>Quercus margarettiae</i>	27	47	4	X	-	-	-	X
841	dwarf live oak	<i>Quercus minima</i>	27	47	4	-	-	-	-	X
842	bluejack oak	<i>Quercus incana</i>	43	47	4	-	-	-	-	X
843	silverleaf oak	<i>Quercus hypoleucoides</i>	48	48	4	-	-	-	X	X
844	Oglethorpe oak	<i>Quercus oglethorpensis</i>	27	47	4	-	-	-	-	X
845	dwarf chinkapin oak	<i>Quercus prinoides</i>	43	47	4	X	X	-	-	X
846	gray oak	<i>Quercus grisea</i>	48	48	4	-	-	-	X	X
847	netleaf oak	<i>Quercus rugosa</i>	48	48	4	-	-	-	X	X
851	Chisos oak	<i>Quercus graciliformis</i>	26	47	4	-	-	-	-	X
8511	Graves oak	<i>Quercus gravesii</i>	26	47	4	-	-	-	-	X
8512	Mexican white oak	<i>Quercus polymorpha</i>	26	47	4	-	-	-	-	X
8513	Buckley oak	<i>Quercus buckleyi</i>	26	47	4	-	-	-	-	X
8514	Lacey oak	<i>Quercus laceyi</i>	26	47	4	-	-	-	-	X
852	sea torchwood	<i>Amyris elemifera</i>	43	47	3	-	-	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
853	pond-apple	<i>Annona glabra</i>	43	47	3	-	-	-	-	X
854	gumbo limbo	<i>Bursera simaruba</i>	43	47	3	-	-	-	-	X
855	sheoak spp.	<i>Casuarina</i> spp.	43	47	3	-	-	X	-	X
856	gray sheoak	<i>Casuarina glauca</i>	43	47	3	-	-	X	-	X
857	belah	<i>Casuarina lepidophloia</i>	43	47	3	-	-	-	-	X
858	camphortree	<i>Cinnamomum camphora</i>	43	47	3	-	-	X	-	X
859	Florida fiddlewood	<i>Citharexylum fruticosum</i>	43	47	3	-	-	-	-	X
860	citrus spp.	<i>Citrus</i> spp.	43	47	3	-	-	X	-	X
863	tietongue, pigeon-plum	<i>Coccoloba diversifolia</i>	43	47	3	-	-	-	-	X
864	soldierwood	<i>Colubrina elliptica</i>	43	47	3	-	-	-	-	X
865	largeleaf geigertree	<i>Cordia sebestena</i>	43	47	3	-	-	X	-	X
8651	Texas olive	<i>Cordia boissieri</i>	43	47	4	-	-	-	-	X
866	carrotwood	<i>Cupaniopsis anacardioides</i>	43	47	3	-	-	-	-	X
867	bluewood	<i>Condalia hookeri</i>	48	48	4	-	-	-	-	X
868	blackbead ebony	<i>Ebenopsis ebano</i>	42	47	4	-	-	-	-	X
869	great leucaene	<i>Leucaena pulverulenta</i>	43	47	3	-	-	-	-	X
870	Texas sophora	<i>Sophora affinis</i>	42	47	4	-	-	-	-	X
873	red stopper	<i>Eugenia rhombea</i>	43	47	3	-	-	-	-	X
874	butterbough, inkwood	<i>Exothea paniculata</i>	43	47	3	-	-	-	-	X
876	Florida strangler fig	<i>Ficus aurea</i>	43	47	3	-	-	-	-	X
877	wild banyantree, shortleaf fig	<i>Ficus citrifolia</i>	43	47	3	-	-	-	-	X
882	beefree, longleaf blolly	<i>Guapira discolor</i>	43	47	3	-	-	-	-	X
883	manchineel	<i>Hippomane mancinella</i>	43	47	3	-	-	-	-	X
884	false tamarind	<i>Lysiloma latisiliquum</i>	43	47	3	-	-	-	-	X
885	mango	<i>Mangifera indica</i>	43	47	3	-	-	X	-	X
886	Florida poisontree	<i>Metopium toxiferum</i>	43	47	3	-	-	-	-	X
887	fishpoison tree	<i>Piscidia piscipula</i>	43	47	3	-	-	X	-	X
888	octopus tree, schefflera	<i>Schefflera actinophylla</i>	43	47	3	-	-	X	-	X
890	false mastic	<i>Sideroxylon foetidissimum</i>	43	47	3	-	-	-	-	X
891	white bully, willow bustic	<i>Sideroxylon salicifolium</i>	43	47	3	-	-	-	-	X
895	paradisetre	<i>Simarouba glauca</i>	43	47	3	-	-	-	-	X
896	Java plum	<i>Syzygium cumini</i>	43	47	3	-	-	X	-	X
897	tamarind	<i>Tamarindus indica</i>	43	47	3	-	-	X	-	X
901	black locust	<i>Robinia pseudoacacia</i>	42	47	4	X	X	X	X	X
902	New Mexico locust	<i>Robinia neomexicana</i>	48	48	4	-	-	-	-	X
906	Everglades palm, paurotis-palm	<i>Acoelorrhaphe wrightii</i>	43	47	3	-	-	-	-	X
907	Florida silver palm	<i>Coccothrinax argentata</i>	43	47	3	-	-	-	-	X
908	coconut palm	<i>Cocos nucifera</i>	43	47	3	-	-	X	-	X
909	royal palm spp.	<i>Roystonea</i> spp.	43	47	3	-	-	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
911	Mexican palmetto	<i>Sabal mexicana</i>	41	47	3	-	-	-	-	X
912	cabbage palmetto	<i>Sabal palmetto</i>	43	47	3	-	-	-	-	X
913	key thatch palm	<i>Thrinax morrisii</i>	43	47	3	-	-	-	-	X
914	Florida thatch palm	<i>Thrinax radiata</i>	43	47	3	-	-	-	-	X
915	other palms	<i>Family Arecaceae not listed above</i>	43	47	3	-	-	-	-	X
919	western soapberry	<i>Sapindus saponaria</i> var. <i>drummondii</i>	43	47	4	X	-	-	-	X
920	willow spp.	<i>Salix</i> spp.	43	47	3	X	X	X	-	X
921	peachleaf willow	<i>Salix amygdaloides</i>	43	47	3	X	X	-	-	X
922	black willow	<i>Salix nigra</i>	41	47	3	X	X	X	-	X
923	Bebb willow	<i>Salix bebbiana</i>	43	47	3	X	X	-	-	X
924	Bonpland willow	<i>Salix bonplandiana</i>	41	47	3	-	-	-	-	X
925	coastal plain willow	<i>Salix caroliniana</i>	43	47	3	X	X	-	-	X
926	balsam willow	<i>Salix pyrifolia</i>	43	47	3	X	X	X	-	-
927	white willow	<i>Salix alba</i>	41	47	3	X	X	-	-	X
928	Scouler's willow	<i>Salix scouleriana</i>	41	47	3	X	-	X	-	-
929	weeping willow	<i>Salix sepulcralis</i>	41	47	3	X	X	-	-	X
931	sassafras	<i>Sassafras albidum</i>	41	47	3	X	X	-	-	X
934	mountain-ash spp.	<i>Sorbus</i> spp.	43	47	4	X	X	-	-	X
935	American mountain-ash	<i>Sorbus americana</i>	43	47	4	X	X	-	-	X
936	European mountain-ash	<i>Sorbus aucuparia</i>	43	47	4	-	X	-	-	X
937	northern mountain-ash	<i>Sorbus decora</i>	43	47	4	X	X	-	-	-
940	West Indian mahogany	<i>Swietenia mahagoni</i>	43	47	4	-	-	X	-	X
950	basswood spp.	<i>Tilia</i> spp.	38	47	3	X	X	-	-	X
951	American basswood	<i>Tilia americana</i>	38	47	3	X	X	-	-	X
952	white basswood	<i>Tilia americana</i> var. <i>heterophylla</i>	38	47	3	X	X	-	-	X
953	Carolina basswood	<i>Tilia americana</i> var. <i>caroliniana</i>	38	47	3	X	-	-	-	X
970	elm spp.	<i>Ulmus</i> spp.	41	47	3	X	X	-	-	X
971	winged elm	<i>Ulmus alata</i>	41	47	4	X	X	-	-	X
972	American elm	<i>Ulmus americana</i>	41	47	3	X	X	-	X	X
973	cedar elm	<i>Ulmus crassifolia</i>	41	47	3	X	-	-	-	X
974	Siberian elm	<i>Ulmus pumila</i>	41	47	3	X	X	X	X	X
975	slippery elm	<i>Ulmus rubra</i>	41	47	3	X	X	-	-	X
976	September elm	<i>Ulmus serotina</i>	41	47	3	X	-	-	-	X
977	rock elm	<i>Ulmus thomasii</i>	42	47	4	X	X	-	-	X
981	California-laurel	<i>Umbellularia californica</i>	43	47	4	-	-	X	-	-
982	Joshua tree	<i>Yucca brevifolia</i>	43	47	3	-	-	X	-	-
986	black-mangrove	<i>Avicennia germinans</i>	43	47	4	-	-	-	-	X
987	buttonwood-mangrove	<i>Conocarpus erectus</i>	43	47	4	-	-	X	-	X
988	white-mangrove	<i>Laguncularia racemosa</i>	43	47	4	-	-	-	-	X

-	-	-	SPGRPCD		-	Occurrence by FIA work unit				
SPCD	COMMON_NAME	Scientific Name	East	West	MAJGRP	NC	NE	PNW	RM	SO
989	American mangrove	<i>Rhizophora mangle</i>	43	47	4	-	-	X	-	X
990	desert ironwood	<i>Olneya tesota</i>	48	48	4	-	-	X	-	-
991	saltcedar	<i>Tamarix</i> spp.	43	47	3	X	-	X	-	X
992	melaleuca	<i>Melaleuca quinquenervia</i>	41	47	3	-	-	X	-	X
993	chinaberry	<i>Melia azedarach</i>	43	47	4	X	-	X	-	X
994	Chinese tallowtree	<i>Triadica sebifera</i>	43	47	4	-	-	X	-	X
995	tungoil tree	<i>Vernicia fordii</i>	43	47	4	-	-	-	-	X
996	smoketree	<i>Cotinus obovatus</i>	43	47	4	X	-	-	-	X
997	Russian-olive	<i>Elaeagnus angustifolia</i>	43	47	3	X	X	X	-	X
998	Unknown dead hardwood	Tree broadleaf	43	47	3	X	X	X	-	X
999	Other or unknown live tree	Tree unknown	43	47	3	X	X	X	-	X
8420	pear	<i>Pyrus</i> spp	55	55	3	X	X	X	-	X