

The Forest Inventory and Analysis Database: Database Description and Users Manual Version 5.1.4 for Phase 2

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Abstract:

This document is based on previous documentation of the nationally standardized Forest Inventory and Analysis database (Hansen and others 1992; Woudenberg and Farrenkopf 1995; Miles and others 2001; Woudenberg and others 2010). Documentation of the structure of the Forest Inventory and Analysis database (FIADB) for Phase 2 data, as well as codes and definitions, is provided. Examples for producing population level estimates are also presented. This database provides a consistent framework for storing forest inventory data across all ownerships for the entire United States. These data are available to the public.

Keywords - Forest Inventory and Analysis, inventory database, users manual, monitoring

Preface

The Forest Inventory and Analysis (FIA) research program has been in existence since mandated by Congress in 1928. FIA's primary objective is to determine the extent, condition, volume, growth, and depletion of timber on the Nation's forest land. Before 1999, all inventories were conducted on a periodic basis. The passage of the 1998 Farm Bill requires FIA to collect data annually on plots within each State. This kind of up-to-date information is essential to frame realistic forest policies and programs. USDA Forest Service regional research stations are responsible for conducting these inventories and publishing summary reports for individual States.

In addition to published reports, the Forest Service provides data collected in each inventory to those interested in further analysis. This report describes a standard format in which data can be obtained. This standard format, referred to as the Forest Inventory and Analysis Database (FIADB) structure, was developed to provide users with as much data as possible in a consistent manner among States. A number of inventories conducted prior to the implementation of the annual inventory are available in the FIADB. However, various data attributes may be empty or the items may have been collected or computed differently. Annual inventories use a common plot design and common data collection procedures nationwide, resulting in greater consistency among FIA work units than earlier inventories. Data field definitions note inconsistencies caused by different sampling designs and processing methods.

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Appendix A. Index of Column Names

The following table lists column names used in the database tables, their location within the table, and a short description.

Column name with (field guide section)	Table name	Location in table	Description
ABBR	REF_FOREST_TYPE_GROUP	3	Abbreviation
ACTUALHT (5.15)	TREE	22	Actual height of tree
ADFORCD	COND	15	Administrative forest code
ADFORCD	PLOTGEOM	21	Administrative forest code
ADJ_EXPALL	PLOTSNAP	58	Adjustment factor for all land area
ADJ_EXPCURR	PLOTSNAP	59	Adjustment factor for forest land and timberland area
ADJ_EXPGROW_MACR	PLOTSNAP	63	Macroplot adjustment factor for growth estimation
ADJ_EXPGROW_MICR	PLOTSNAP	65	Microplot adjustment factor for growth estimation
ADJ_EXPGROW_SUBP	PLOTSNAP	64	Subplot adjustment factor for growth estimation
ADJ_EXPMORT_MACR	PLOTSNAP	66	Macroplot adjustment factor for mortality estimation
ADJ_EXPMORT_MICR	PLOTSNAP	68	Microplot adjustment factor for mortality estimation
ADJ_EXPMORT_SUBP	PLOTSNAP	67	Subplot adjustment factor for mortality estimation
ADJ_EXPREMV_MACR	PLOTSNAP	69	Macroplot adjustment factor for removals estimation
ADJ_EXPREMV_MICR	PLOTSNAP	71	Microplot adjustment factor for removals estimation
ADJ_EXPREMV_SUBP	PLOTSNAP	70	Subplot adjustment factor for removals estimation
ADJ_EXPVOL_MACR	PLOTSNAP	60	Macroplot adjustment factor for volume estimation
ADJ_EXPVOL_MICR	PLOTSNAP	62	Microplot adjustment factor for volume estimation
ADJ_EXPVOL_SUBP	PLOTSNAP	61	Subplot adjustment factor for volume estimation
ADJ_FACTOR_CWD	POP_STRATUM	15	Adjustment factor for coarse woody debris
ADJ_FACTOR_DUFF	POP_STRATUM	18	Adjustment factor for the duff and litter layer
ADJ_FACTOR_FWD_LG	POP_STRATUM	17	Adjustment factor for large fine woody debris

Column name with (field guide section)	Table name	Location in table	Description
ADJ_FACTOR_FWD_SM	POP_STRATUM	16	Adjustment factor for small fine woody debris
ADJ_FACTOR_MACR	POP_STRATUM	12	Adjustment factor for the macroplot
ADJ_FACTOR_MICR	POP_STRATUM	14	Adjustment factor for the microplot
ADJ_FACTOR_SUBP	POP_STRATUM	13	Adjustment factor for the subplot
ADMIN_WITHDRAWN_CD	COND	104	Administratively withdrawn code
AGEDIA (7.2.5)	SITETREE	14	Age at diameter height
AGENTCD (5.21)	TREE	27	Cause of death (agent) code
ALLOWED_IN_FIELD	REF_FOREST_TYPE	6	Allowed in field
ALSTK	COND	53	All-live-tree stocking percent
ALSTKCD	COND	37	All live stocking code
ANN_INVENTORY	SURVEY	8	Annual inventory
ANN_NET_GROWTH	TREE_GRM_ESTN	16	Average annual net growth estimate
AREA_SOURCE	POP_ESTN_UNIT	11	Source of area figures usually Census Bureau or from pixel counts
AREA_USED	POP_ESTN_UNIT	10	Area used to calculate all expansion factors
AREALAND_EU	POP_ESTN_UNIT	8	Land area within the estimation unit
AREATOT_EU	POP_ESTN_UNIT	9	Total area within the estimation unit
ASPECT	COND	34	Aspect
ASPECT (3.7)	SUBPLOT	17	Subplot aspect
ATTRIBUTE_DESCR	REF_POP_ATTRIBUTE	3	Estimation attribute e.g., Area of timberland
ATTRIBUTE_GLOSSARY	REF_POP_ATTRIBUTE	9	Attribute glossary
ATTRIBUTE_NBR	POP_EVAL_ATTRIBUTE	3	Attribute number
ATTRIBUTE_NBR	REF_POP_ATTRIBUTE	2	Arbitrary unique number
AUTHOR	REF_HABTYP_PUBLICATION	4	Author of publication
AVG_WOOD_DENSITY	COND_DWM_CALC	96	Average wood density
AZIMUTH	DWM_RESIDUAL_PILE	12	Azimuth
AZIMUTH (7.2.8)	SITETREE	19	Azimuth
AZIMUTH (5.4)	TREE	12	Azimuth
AZMCORN (4.2.6)	BOUNDARY	13	Corner azimuth
AZMLEFT (4.2.5)	BOUNDARY	12	Left azimuth
AZMRIGHT (4.2.8)	BOUNDARY	15	Right azimuth
BALIVE	COND	51	Basal area of live trees
BARK_SPGR_GREENVOL_DRYWT	REF_SPECIES	49	Green specific gravity bark (green volume and oven-dry weight)
BARK_SPGR_GREENVOL_DRYWT_CIT	REF_SPECIES	50	Green specific gravity bark citation
BARK_VOL_PCT	REF_SPECIES	57	Bark volume as a percent of wood volume
BARK_VOL_PCT_CIT	REF_SPECIES	58	Bark volume as a percent of wood volume citation

Column name with (field guide section)	Table name	Location in table	Description
BFSND	TREE	73	Board-foot-cull soundness
BHAGE	TREE	66	Breast height age
BNDCHG (4.2.3)	BOUNDARY	10	Boundary change code
BOLEHT	TREE	76	Bole height
BORED_CD_PNWRS	TREE	125	Tree bored code, Pacific Northwest Research Station
C	TREE_GRM_ESTN	34	Cut
C_SPGRPCD	REF_SPECIES	10	Caribbean species group code
CANOPY_CVR_SAMPLE_METHOD_CD	COND	97	Canopy cover sample method code
CARIBBEAN	REF_SPECIES	30	Caribbean species
CARBON	DWM_COARSE_WOODY_DEBRIS	24	Carbon biomass of coarse woody debris piece
CARBON	DWM_RESIDUAL_PILE	22	Carbon mass
CARBON_AG	TREE	121	Carbon aboveground
CARBON_BG	TREE	122	Carbon belowground
CARBON_DOWN_DEAD	COND	67	Carbon in down dead
CARBON_LITTER	COND	68	Carbon in litter
CARBON_SOIL_ORG	COND	69	Carbon in soil fine organic material
CARBON_STANDING_DEAD	COND	70	Carbon in standing dead trees
CARBON_UNDERSTORY_AG	COND	71	Carbon in the aboveground portions of seedlings and woody shrubs
CARBON_UNDERSTORY_BG	COND	72	Carbon in the belowground portion of seedlings and woody shrubs
CATEGORY	REF_PLANT_DICTIONARY	8	Category
CCLCD (5.17)	TREE	25	Crown class code
CD	TREE_GRM_ESTN	40	Cull decrement
CDENCD (12.9)	TREE	61	Crown density code
CDIEBKCD (12.10)	TREE	62	Crown dieback code
CFSND	TREE	74	Cubic-foot-cull soundness
CHANGE_EVAL_TYPE	REF_POP_EVAL_TYP_DESCR	5	Change evaluation type
CHRCO_PNWRS	DWM_COARSE_WOODY_DEBRIS	33	Charred code, Pacific Northwest Research Station
CI	TREE_GRM_ESTN	42	Cull increment
CITATION	REF_CITATION	2	Citation
CITATION_NBR	REF_CITATION	1	Citation number
CLASS	REF_SPECIES_GROUP	4	Class
CLIGHTCD (12.6)	TREE	59	Crown light exposure code
CN	BOUNDARY	1	Sequence number
CN	COND	1	Sequence number
CN	COND_DWM_CALC	1	Sequence number
CN	COUNTY	5	Sequence number
CN	DWM_COARSE_WOODY_DEBRIS	1	Sequence number
CN	DWM_DUFF_LITTER_FUEL	1	Sequence number
CN	DWM_FINE_WOODY_DEBRIS	1	Sequence number

Column name with (field guide section)	Table name	Location in table	Description
CN	DWM_MICROPLOT_FUEL	1	Sequence number
CN	DWM_RESIDUAL_PILE	1	Sequence number
CN	DWM_TRANSECT_SEGMENT	1	Sequence number
CN	DWM_VISIT	1	Sequence number
CN	INVASIVE_SUBPLOT_SPP	1	Sequence number
CN	P2VEG_SUBP_STRUCTURE	1	Sequence number
CN	P2VEG_SUBPLOT_SPP	1	Sequence number
CN	PLOT	1	Sequence number
CN	PLOTGEOM	1	Sequence number
CN	PLOTSNAP	1	Sequence number
CN	POP_ESTN_UNIT	1	Sequence number
CN	POP_EVAL	1	Sequence number
CN	POP_EVAL_ATTRIBUTE	1	Sequence number
CN	POP_EVAL_GRP	1	Sequence number
CN	POP_EVAL_TYP	1	Sequence number
CN	POP_PLOT_STRATUM_ASSGN	1	Sequence number
CN	POP_STRATUM	1	Sequence number
CN	REF_HABTYP_DESCRIPTION	1	Sequence number
CN	REF_HABTYP_PUBLICATION	1	Sequence number
CN	REF_INVASIVE_SPECIES	1	Sequence number
CN	REF_PLANT_DICTIONARY	1	Sequence number
CN	REF_POP_ATTRIBUTE	1	Sequence number
CN	REF_POP_EVAL_TYP_DESCR	1	Sequence number
CN	SEEDLING	1	Sequence number
CN	SITETREE	1	Sequence number
CN	SUBPLOT	1	Sequence number
CN	SUBP_COND	1	Sequence number
CN	SUBP_COND_CHNG_MTRX	1	Sequence number
CN	SURVEY	1	Sequence number
CN	TREE	1	Sequence number
CN	TREE_GRM_ESTN	1	Sequence number
CND_CN	COND_DWM_CALC	10	Condition sequence number
COMMON_NAME	REF_HABTYP_DESCRIPTION	5	Common name
COMMON_NAME	REF_PLANT_DICTIONARY	7	Common name
COMMON_NAME	REF_SPECIES	2	Common name of species
COMPONENT	TREE_GRM_ESTN	10	Growth component type
COND_NONSAMPLE_REASN_CD (2.4.3)	COND	10	Condition nonsampled reason code
COND_STATUS_CD (2.4.2)	COND	9	Condition status code
CONDID (2.4.1)	COND	8	Condition class number
CONDID	COND_DWM_CALC	7	Condition class number
CONDID	DWM_COARSE_WOODY_DEBRIS	11	Condition class number
CONDID	DWM_DUFF_LITTER_FUEL	12	Condition class number
CONDID	DWM_FINE_WOODY_DEBRIS	9	Condition class number
CONDID	DWM_RESIDUAL_PILE	10	Condition class number
CONDID	DWM_TRANSECT_SEGMENT	11	Condition class number
CONDID (9.8)	INVASIVE_SUBPLOT_SPP	9	Condition class number
CONDID (8.4.4)	P2VEG_SUBP_STRUCTURE	9	Condition class number
CONDID (8.4.4)	P2VEG_SUBPLOT_SPP	9	Condition class number
CONDID (6.3)	SEEDLING	9	Condition class number
CONDID	SITETREE	9	Condition class number
CONDID	SUBP_COND	9	Condition class number

Column name with (field guide section)	Table name	Location in table	Description
CONDID	SUBP_COND_CHNG_MTRX	6	Condition class number
CONDID (5.3)	TREE	11	Condition class number
CONDLIST	SUBPLOT	15	Subplot/macroplot plot condition list
CONDLIST	SITETREE	24	Condition class list
CONDPROP_CWD	COND_DWM_CALC	13	Proportion of coarse woody debris transects in the condition
CONDPROP_DUFF	COND_DWM_CALC	17	Proportion of sample points used to measure duff, litter, and fuelbed, in the condition
CONDPROP_FWD_LG	COND_DWM_CALC	16	Proportion of fine woody debris transects used to sample large-sized pieces, in the condition
CONDPROP_FWD_MD	COND_DWM_CALC	15	Proportion of fine woody debris transects used to sample medium-sized pieces, in the condition
CONPROP_FWD_SM	COND_DWM_CALC	14	Proportion of fine woody debris transects used to sample small-sized pieces, in the condition
CONDPROP_UNADJ	COND	29	Condition proportion unadjusted
CONGCD	PLOT	28	Congressional district code
CONGCD	PLOTGEOM	9	Congressional district code
CONGCD	PLOTSNAP	28	Congressional district code
CONTRAST (4.2.4)	BOUNDARY	11	Contrasting condition
CORE	REF_SPECIES	27	Core
COUNTYCD	BOUNDARY	6	County code
COUNTYCD	COND	6	County code
COUNTYCD	COND_DWM_CALC	3	County code
COUNTYCD	COUNTY	3	County code
COUNTCD	DWM_COARSE_WOODY_DEBRIS	5	County code
COUNTYCD	DWM_DUFF_LITTER_FUEL	5	County code
COUNTYCD	DWM_FINE_WOODY_DEBRIS	5	County code
COUNTYCD	DWM_MICROPLOT_FUEL	5	County code
COUNTYCD	DWM_RESIDUAL_PILE	5	County code
COUNTYCD	DWM_TRANSECT_SEGMENT	5	County code
COUNTYCD	DWM_VISIT	5	County code
COUNTYCD	INVASIVE_SUBPLOT_SPP	6	County code
COUNTYCD	P2VEG_SUBP_STRUCTURE	6	County code
COUNTYCD	P2VEG_SUBPLOT_SPP	6	County code
COUNTYCD (1.2)	PLOT	8	County code
COUNTYCD	PLOTGEOM	5	County code
COUNTYCD	PLOTSNAP	8	County code
COUNTYCD	POP_PLOT_STRATUM_ASSGN	7	County code
COUNTYCD	SEEDLING	6	County code
COUNTYCD	SITETREE	7	County code
COUNTYCD	SUBPLOT	7	County code
COUNTYCD	SUBP_COND	6	County code

Column name with (field guide section)	Table name	Location in table	Description
COUNTYCD	TREE	7	County code
COUNTYNM	COUNTY	4	County name
COVER_PCT	DWM_COARSE_WOODY_DEBRIS	25	Percent cover represented by each coarse woody debris piece, core design
COVER_PCT (9.11)	INVASIVE_SUBPLOT_SPP	12	Cover percent
COVER_PCT (8.6.4)	P2VEG_SUBPLOT_SPP	15	Cover percent
COVER_PCT_RGN	DWM_COARSE_WOODY_DEBRIS	32	Percent cover represented by the log for P2 regional designs
CPOSCD (12.7)	TREE	58	Crown position code
CR (5.19)	TREE	24	Compacted crown ratio
CREATED_BY	BOUNDARY	18	Created by
CREATED_BY	COND	73	Created by
CREATED_BY	COND_DWM_CALC	97	Created by
CREATED_BY	COUNTY	6	Created by
CREATED_BY	INVASIVE_SUBPLOT_SPP	13	Created by
CREATED_BY	DWM_COARSE_WOODY_DEBRIS	35	Created by
CREATED_BY	DWM_DUFF_LITTER_FUEL	16	Created by
CREATED_BY	DWM_FINE_WOODY_DEBRIS	25	Created by
CREATED_BY	DWM_MICROPLOT_FUEL	18	Created by
CREATED_BY	DWM_RESIDUAL_PILE	26	Created by
CREATED_BY	DWM_TRANSECT_SEGMENT	18	Created by
CREATED_BY	DWM_VISIT	13	Created by
CREATED_BY	P2VEG_SUBP_STRUCTURE	35	Created by
CREATED_BY	P2VEG_SUBPLOT_SPP	16	Created by
CREATED_BY	PLOT	33	Created by
CREATED_BY	PLOTGEOM	15	Created by
CREATED_BY	PLOTSNAP	33	Created by
CREATED_BY	POP_ESTN_UNIT	14	Created by
CREATED_BY	POP_EVAL	16	Created by
CREATED_BY	POP_EVAL_ATTRIBUTE	5	Created by
CREATED_BY	POP_EVAL_GRP	7	Created by
CREATED_BY	POP_EVAL_TYP	5	Created by
CREATED_BY	POP_PLOT_STRATUM_ASSGN	13	Created by
CREATED_BY	POP_STRATUM	19	Created by
CREATED_BY	REF_CITATION	3	Created by
CREATED_BY	REF_FIADB_VERSION	4	Created by
CREATED_BY	REF_FOREST_TYPE	7	Created by
CREATED_BY	REF_FOREST_TYPE_GROUP	17	Created by
CREATED_BY	REF_HABTYP_DESCRIPTION	7	Created by
CREATED_BY	REF_HABTYP_PUBLICATION	7	Created by
CREATED_BY	REF_INVASIVE_SPECIES	11	Created by
CREATED_BY	REF_PLANT_DICTIONARY	34	Created by
CREATED_BY	REF_POP_ATTRIBUTE	10	Created by
CREATED_BY	REF_POP_EVAL_TYP_DESCR	7	Created by
CREATED_BY	REF_SPECIES	73	Created by
CREATED_BY	REF_SPECIES_GROUP	5	Created by
CREATED_BY	REF_STATE_ELEV	6	Created by
CREATED_BY	REF_UNIT	4	Created by
CREATED_BY	SEEDLING	15	Created by
CREATED_BY	SITETREE	25	Created by

Column name with (field guide section)	Table name	Location in table	Description
CREATED_BY	SUBPLOT	20	Created by
CREATED_BY	SUBP_COND	10	Created by
CREATED_BY	SUBP_COND_CHNG_MTRX	10	Created by
CREATED_BY	SURVEY	10	Created by
CREATED_BY	TREE	81	Created by
CREATED_BY	TREE_GRM_ESTN	44	Created by
CREATED_BY	TREE_REGIONAL_BIOMASS	5	Created by
CREATED_DATE	BOUNDARY	19	Created date
CREATED_DATE	COND	74	Created date
CREATED_DATE	COND_DWM_CALC	98	Created date
CREATED_DATE	COUNTY	7	Created date
CREATED_DATE	DWM_COARSE_WOODY_DEBRIS	36	Created date
CREATED_DATE	DWM_DUFF_LITTER_FUEL	17	Created date
CREATED_DATE	DWM_FINE_WOODY_DEBRIS	26	Created date
CREATED_DATE	DWM_MICROPLOT_FUEL	19	Created date
CREATED_DATE	DWM_RESIDUAL_PILE	27	Created date
CREATED_DATE	DWM_TRANSECT_SEGMENT	19	Created date
CREATED_DATE	DWM_VISIT	14	Created date
CREATED_DATE	INVASIVE_SUBPLOT_SPP	14	Created date
CREATED_DATE	P2VEG_SUBP_STRUCTURE	36	Created date
CREATED_DATE	P2VEG_SUBPLOT_SPP	17	Created date
CREATED_DATE	PLOT	34	Created date
CREATED_DATE	PLOTGEOM	16	Created date
CREATED_DATE	PLOTSNAP	34	Created date
CREATED_DATE	POP_ESTN_UNIT	15	Created date
CREATED_DATE	POP_EVAL	17	Created date
CREATED_DATE	POP_EVAL_ATTRIBUTE	6	Created date
CREATED_DATE	POP_EVAL_GRP	8	Created date
CREATED_DATE	POP_EVAL_TYP	6	Created date
CREATED_DATE	POP_PLOT_STRATUM_ASSGN	14	Created date
CREATED_DATE	POP_STRATUM	20	Created date
CREATED_DATE	REF_CITATION	4	Created date
CREATED_DATE	REF_FIADB_VERSION	5	Created date
CREATED_DATE	REF_FOREST_TYPE	8	Created date
CREATED_DATE	REF_FOREST_TYPE_GROUP	18	Created date
CREATED_DATE	REF_HABTYP_DESCRIPTION	8	Created date
CREATED_DATE	REF_HABTYP_PUBLICATION	8	Created date
CREATED_DATE	REF_INVASIVE_SPECIES	12	Created date
CREATED_DATE	REF_PLANT_DICTIONARY	34	Created date
CREATED_DATE	REF_POP_ATTRIBUTE	11	Created date
CREATED_DATE	REF_POP_EVAL_TYP_DESCR	8	Created date
CREATED_DATE	REF_SPECIES	74	Created date
CREATED_DATE	REF_SPECIES_GROUP	6	Created date
CREATED_DATE	REF_STATE_ELEV	7	Created date
CREATED_DATE	REF_UNIT	5	Created date
CREATED_DATE	SEEDLING	16	Created date
CREATED_DATE	SITETREE	26	Created date
CREATED_DATE	SUBPLOT	21	Created date
CREATED_DATE	SUBP_COND	11	Created date
CREATED_DATE	SUBP_COND_CHNG_MTRX	11	Created date
CREATED_DATE	SURVEY	11	Created date
CREATED_DATE	TREE	82	Created date
CREATED_DATE	TREE_GRM_ESTN	45	Created date

Column name with (field guide section)	Table name	Location in table	Description
CREATED_DATE	TREE_REGIONAL_BIOMASS	6	Created date
CREATED_IN_INSTANCE	BOUNDARY	20	Created in instance
CREATED_IN_INSTANCE	COND	75	Created in instance
CREATED_IN_INSTANCE	COND_DWM_CALC	99	Created in instance
CREATED_IN_INSTANCE	COUNTY	8	Created in instance
CREATED_IN_INSTANCE	DWM_COARSE_WOODY_DEBRIS	37	Created in instance
CREATED_IN_INSTANCE	DWM_DUFF_LITTER_FUEL	18	Created in instance
CREATED_IN_INSTANCE	DWM_FINE_WOODY_DEBRIS	27	Created in instance
CREATED_IN_INSTANCE	DWM_MICROPLOT_FUEL	20	Created in instance
CREATED_IN_INSTANCE	DWM_RESIDUAL_PILE	28	Created in instance
CREATED_IN_INSTANCE	DWM_TRANSECT_SEGMENT	20	Created in instance
CREATED_IN_INSTANCE	DWM_VISIT	15	Created in instance
CREATED_IN_INSTANCE	INVASIVE_SUBPLOT_SPP	15	Created in instance
CREATED_IN_INSTANCE	P2VEG_SUBP_STRUCTURE	37	Created in instance
CREATED_IN_INSTANCE	P2VEG_SUBPLOT_SPP	18	Created in instance
CREATED_IN_INSTANCE	PLOT	35	Created in instance
CREATED_IN_INSTANCE	PLOTGEOM	17	Created in instance
CREATED_IN_INSTANCE	PLOTSNAP	35	Created in instance
CREATED_IN_INSTANCE	POP_ESTN_UNIT	16	Created in instance
CREATED_IN_INSTANCE	POP_EVAL	18	Created in instance
CREATED_IN_INSTANCE	POP_EVAL_ATTRIBUTE	7	Created in instance
CREATED_IN_INSTANCE	POP_EVAL_GRP	9	Created in instance
CREATED_IN_INSTANCE	POP_EVAL_TYP	7	Created in instance
CREATED_IN_INSTANCE	POP_PLOT_STRATUM_ASSGN	15	Created in instance
CREATED_IN_INSTANCE	POP_STRATUM	21	Created in instance
CREATED_IN_INSTANCE	REF_CITATION	5	Created in instance
CREATED_IN_INSTANCE	REF_FIADB_VERSION	6	Created in instance
CREATED_IN_INSTANCE	REF_FOREST_TYPE	9	Created in instance
CREATED_IN_INSTANCE	REF_FOREST_TYPE_GROUP	19	Created in instance
CREATED_IN_INSTANCE	REF_HABTYP_DESCRIPTION	9	Created in instance
CREATED_IN_INSTANCE	REF_HABTYP_PUBLICATION	9	Created in instance
CREATED_IN_INSTANCE	REF_INVASIVE_SPECIES	13	Created in instance
CREATED_IN_INSTANCE	REF_PLANT_DICTIONARY	36	Created in instance
CREATED_IN_INSTANCE	REF_POP_ATTRIBUTE	12	Created in instance
CREATED_IN_INSTANCE	REF_POP_EVAL_TYP_DESCR	9	Created in instance
CREATED_IN_INSTANCE	REF_SPECIES	75	Created in instance
CREATED_IN_INSTANCE	REF_SPECIES_GROUP	7	Created in instance
CREATED_IN_INSTANCE	REF_STATE_ELEV	8	Created in instance
CREATED_IN_INSTANCE	REF_UNIT	6	Created in instance
CREATED_IN_INSTANCE	SEEDLING	17	Created in instance
CREATED_IN_INSTANCE	SITETREE	27	Created in instance
CREATED_IN_INSTANCE	SUBPLOT	22	Created in instance
CREATED_IN_INSTANCE	SUBP_COND	12	Created in instance
CREATED_IN_INSTANCE	SUBP_COND_CHNG_MTRX	12	Created in instance
CREATED_IN_INSTANCE	SURVEY	12	Created in instance
CREATED_IN_INSTANCE	TREE	83	Created in instance
CREATED_IN_INSTANCE	TREE_GRM_ESTN	46	Created in instance
CREATED_IN_INSTANCE	TREE_REGIONAL_BIOMASS	7	Created in instance
CRWTYPCD	DWM_VISIT	11	Crew type code
CTY_CN	PLOT	3	County sequence number
CTY_CN	PLOTSNAP	3	County sequence number

Column name with (field guide section)	Table name	Location in table	Description
CULL	TREE	28	Rotten and missing cull, computed and includes percent missing top
CULL_FLD (5.13)	TREE	91	Rotten and missing cull, field-recorded
CULLBF	TREE	71	Board-foot cull
CULLCF	TREE	72	Cubic-foot cull
CULLDEAD	TREE	68	Dead cull
CULLFORM	TREE	69	Form cull
CULLMSTOP	TREE	70	Missing top cull
CVIGORCD (12.8)	TREE	60	Sapling vigor code
CWD_CARBOAN_ADJ	COND_DWM_CALC	32	Coarse woody debris carbon mass per acre, adjusted
CWD_CARBOAN_COND	COND_DWM_CALC	30	Coarse woody debris carbon mass per acre in the condition
CWD_CARBOAN_UNADJ	COND_DWM_CALC	31	Coarse woody debris carbon mass per acre, unadjusted
CWD_DRYBIO_ADJ	COND_DWM_CALC	29	Coarse woody debris biomass per acre, adjusted
CWD_DRYBIO_COND	COND_DWM_CALC	27	Coarse woody debris biomass per acre in the condition
CWD_DRYBIO_UNADJ	COND_DWM_CALC	28	Coarse woody debris biomass per acre, unadjusted
CWD_LPA_ADJ	COND_DWM_CALC	23	Number of coarse woody debris logs (pieces) per acre, adjusted
CWD_LPA_COND	COND_DWM_CALC	21	Number of coarse woody debris logs (pieces) per acre in the condition
CWD_LPA_UNADJ	COND_DWM_CALC	22	Number of coarse woody debris logs (pieces) per acre, unadjusted
CWD_TL_ADJ	COND_DWM_CALC	20	Coarse woody debris transect length, adjusted
CWD_TL_COND	COND_DWM_CALC	18	Coarse woody debris transect length in the condition
CWD_TL_UNADJ	COND_DWM_CALC	19	Coarse woody debris transect length, unadjusted
CWD_VOLCF_ADJ	COND_DWM_CALC	26	Coarse woody debris cubic foot volume per acre adjusted
CWD_VOLCF_COND	COND_DWM_CALC	24	Coarse woody debris cubic foot volume per acre in the condition
CWD_VOLCF_UNADJ	COND_DWM_CALC	25	Coarse woody debris cubic foot volume per acre, unadjusted

Column name with (field guide section)	Table name	Location in table	Description
CWDID	DWM_COARSE_WOODY_DEBRIS	9	Coarse woody debris piece number
CWDHSTCD	DWM_COARSE_WOODY_DEBRIS	21	Coarse woody debris history code
CWD_DECAY_RATIO1	REF_SPECIES	62	Coarse woody debris decay ratio 1
CWD_DECAY_RATIO2	REF_SPECIES	63	Coarse woody debris decay ratio 2
CWD_DECAY_RATIO3	REF_SPECIES	64	Coarse woody debris decay ratio 3
CWD_DECAY_RATIO4	REF_SPECIES	65	Coarse woody debris decay ratio 4
CWD_DECAY_RATIO5	REF_SPECIES	66	Coarse woody debris decay ratio 5
CYCLE	BOUNDARY	16	Inventory cycle number
CYCLE	COND	79	Inventory cycle number
CYCLE	COND_DWM_CALC	103	Inventory cycle number
CYCLE	INVASIVE_SUBPLOT_SPP	19	Inventory cycle number
CYCLE	P2VEG_SUBP_STRUCTURE	41	Inventory cycle number
CYCLE	P2VEG_SUBPLOT_SPP	22	Inventory cycle number
CYCLE	PLOT	46	Inventory cycle number
CYCLE	PLOTSNAP	46	Inventory cycle number
CYCLE	SEEDLING	23	Inventory cycle number
CYCLE	SITETREE	31	Inventory cycle number
CYCLE	SUBPLOT	26	Inventory cycle number
CYCLE	SUBP_COND	21	Inventory cycle number
CYCLE	SURVEY	16	Inventory cycle number
CYCLE	TREE	123	Inventory cycle number
D	TREE_GRM_ESTN	38	Diversion
DAMLOC1 (5.20.1)	TREE	29	Damage location 1 code
DAMLOC1_PNWRS	TREE	126	Damage location 1, Pacific Northwest Research Station
DAMLOC2 (5.20.4)	TREE	32	Damage location 2 code
DAMLOC2_PNWRS	TREE	127	Damage location 2, Pacific Northwest Research Station
DAMSEV1 (5.20.3)	TREE	31	Damage severity 1 code
DAMSEV2 (5.20.6)	TREE	34	Damage severity 2 code
DAMTYP1 (5.20.2)	TREE	30	Damage type 1 code
DAMTYP2 (5.20.5)	TREE	33	Damage type 2 code
DECAYCD	DWM_COARSE_WOODY_DEBRIS	15	Decay class code
DECAYCD (5.23)	TREE	35	Decay class code
DECLINATION (1.14)	PLOT	40	Declination
DECLINATION	PLOTSNAP	40	Declination
DENSITY	DWM_RESIDUAL_PILE	13	Density (packing ratio of pile)
DESCR	REF_FIADB_VERSION	3	Version description
DESIGNCD	PLOT	17	Plot design code
DESIGNCD	PLOTSNAP	17	Design code
DESIGNCD_P2A	PLOT	57	Design code phase 2A
DHRBCD	DWM_MICROPLOT_FUEL	12	Dead herb code
DHRBHT	DWM_MICROPLOT_FUEL	17	Dead herb height

Column name with (field guide section)	Table name	Location in table	Description
DIA (7.2.3)	SITETREE	12	Current diameter
DIA (5.9.2)	TREE	18	Current diameter
DIA_BEGIN	TREE_GRM_ESTN	24	Beginning diameter
DIA_BEGIN_RECALC	TREE_GRM_ESTN	25	Recalculated diameter
DIA_END	TREE_GRM_ESTN	26	Ending diameter
DIA_MIDPT	TREE_GRM_ESTN	27	Midpoint diameter
DIA_THRESHOLD	TREE_GRM_ESTN	28	Threshold diameter
DIACALC	TREE	65	Current diameter calculated
DIACHECK (5.12)	TREE	54	Diameter check code
DIACHECK_PNWRS	TREE	128	Diameter check, Pacific Northwest Research Station
DIAHTCD	TREE	19	Diameter height code
DIEBACK_SEVERITY_SRS	TREE	144	Dieback severity, Southern Research Station
DISEASE_SRS	TREE	143	Disease, Southern Research Station
DIST (7.2.9)	SITETREE	20	Horizontal distance
DIST (5.5)	TREE	13	Horizontal distance
DISTCORN (4.2.7)	BOUNDARY	14	Corner distance
DMG_AGENT1_CD_PNWRS	TREE	129	Damage agent 1, Pacific Northwest Research Station
DMG_AGENT2_CD_PNWRS	TREE	130	Damage agent 2, Pacific Northwest Research Station
DMG_AGENT3_CD_PNWRS	TREE	131	Damage agent 3, Pacific Northwest Research Station
DRYBIO	DWM_COARSE_WOODY_DEBRIS	23	Dry biomass of coarse woody debris piece
DRYBIO	DWM_RESIDUAL_PILE	21	Dry biomass
DRYBIO_BG	TREE	120	Dry biomass belowground
DRYBIO_BOLE	TREE	115	Dry biomass of bole
DRYBIO_SAPLING	TREE	118	Dry biomass of sapling
DRYBIO_STUMP	TREE	117	Dry biomass of stump
DRYBIO_TOP	TREE	116	Dry biomass of top
DRYBIO_WDLD_SPP	TREE	119	Dry biomass of woodland species
DSHRBCD	DWM_MICROPLOT_FUEL	10	Dead shrub code
DSHRBHT	DWM_MICROPLOT_FUEL	15	Dead shrub height
DSTRBCD1 (2.5.11)	COND	38	Disturbance 1 code
DSTRBCD2 (2.5.13)	COND	40	Disturbance 2 code
DSTRBCD3 (2.5.15)	COND	42	Disturbance 3 code
DSTRBYR1 (2.5.12)	COND	39	Year of disturbance 1
DSTRBYR2 (2.5.14)	COND	41	Year of disturbance 2
DSTRBYR3 (2.5.16)	COND	43	Year of disturbance 3
DUFF_BIOMASS	COND_DWM_CALC	88	Average duff biomass per acre in the condition
DUFF_CARBON	COND_DWM_CALC	89	Average duff carbon per acre in the condition
DUFF_CARBON_RATIO	REF_FOREST_TYPE_GROUP	5	Duff carbon ratio
DUFF_DENSITY	REF_FOREST_TYPE_GROUP	4	Duff density

Column name with (field guide section)	Table name	Location in table	Description
DUFF_DEPTH	COND_DWM_CALC	87	Average duff depth in the condition
DUFF_TC_ADJ	COND_DWM_CALC	95	Number of duff, litter, and fuelbed sampling points on the entire plot, adjusted
DUFF_TC_COND	COND_DWM_CALC	93	Number of duff, litter, and fuelbed sampling points in the condition
DUFF_TC_UNADJ	COND_DWM_CALC	94	Number of duff, litter, and fuelbed sampling points on the entire plot, unadjusted
DUFFDEP	DWM_DUFF_LITTER_FUEL	13	Duff depth
DURATION	REF_PLANT_DICTIONARY	11	Duration
DWM_CARBON_RATIO	REF_SPECIES	67	Down woody debris carbon ratio
E_SPGRPCD	REF_SPECIES	8	East species group code
EAST	REF_SPECIES	28	East
ECO_UNIT_PNW	PLOT	48	Ecological unit used to identify Pacific Northwest Research Station
ECO_UNIT_PNW	PLOTSNAP	48	Ecological unit, Pacific Northwest Research Station
ECOSUBCD	PLOT	27	Ecological subsection code
ECOSUBCD	PLOTGEOM	10	Ecological subsection code
ECOSUBCD	PLOTSNAP	27	Ecological subsection code
END_DATE	REF_INVASIVE_SPECIES	7	End date
ELEV	PLOT	22	Elevation
ELEV	PLOTSNAP	22	Elevation
EMAP_HEX	PLOT	41	EMAP hexagon
EMAP_HEX	PLOTGEOM	12	EMAP hexagon
EMAP_HEX	PLOTSNAP	41	EMAP hexagon
END_DATE	REF_INVASIVE_SPECIES	7	End date
END_INVYR	POP_EVAL	10	End inventory year
EST_BEGIN	TREE_GRM_ESTN	19	Beginning estimate
EST_BEGIN_RECALC	TREE_GRM_ESTN	20	Recalculated beginning estimate
EST_END	TREE_GRM_ESTN	21	Ending estimate
EST_MIDPT	TREE_GRM_ESTN	22	Midpoint estimation
EST_THRESHOLD	TREE_GRM_ESTN	23	Threshold estimate
ESTIMATE	TREE_GRM_ESTN	7	Base attribute that is being estimated
ESTN_METHOD	POP_EVAL	14	Estimation method
ESTN_TYPE	TREE_GRM_ESTN	8	Estimation type of the tree
ESTN_UNIT	POP_ESTN_UNIT	5	Estimation unit
ESTN_UNIT	POP_PLOT_STRATUM_ASSGN	11	Estimation unit
ESTN_UNIT	POP_STRATUM	5	Estimation unit
ESTN_UNIT_CN	POP_STRATUM	2	Estimation unit sequence number
ESTN_UNIT_DESCR	POP_ESTN_UNIT	6	Estimation unit description
ESTN_UNITS	TREE_GRM_ESTN	9	Estimation units
EVAL_CN	POP_ESTN_UNIT	2	Evaluation sequence number

Column name with (field guide section)	Table name	Location in table	Description
EVAL_CN	POP_EVAL_ATTRIBUTE	2	Evaluation sequence number
EVAL_CN	POP_EVAL_TYP	3	Evaluation sequence number
EVAL_DESCR	POP_EVAL	5	Evaluation description
EVAL_GRP	POP_EVAL_GRP	3	Reporting year followed by 4 more digits to make the stated/eval_grp combo unique
EVAL_GRP	PLOTSNAP	51	Evaluation group
EVAL_GRP_CN	POP_EVAL	2	Evaluation group sequence number
EVAL_GRP_CN	POP_EVAL_TYP	2	Evaluation group sequence number
EVAL_GRP_CN	PLOTSNAP	50	Evaluation group sequence number
EVAL_GRP_DESCR	POP_EVAL_GRP	4	Evaluation group description
EVAL_TYP	POP_EVAL_TYP	4	Evaluation type
EVAL_TYP	REF_POP_ATTRIBUTE	5	Evaluation type
EVAL_TYP	REF_POP_EVAL_TYP_DESCR	3	Evaluation type
EVAL_TYP_DESCR	REF_POP_EVAL_TYP_DESCR	6	Evaluation type description
EVAL_TYP_LABEL	REF_POP_EVAL_TYP_DESCR	4	Evaluation type label
EVALID	COND_DWM_CALC	8	Evaluation identification
EVALID	POP_ESTN_UNIT	4	Evaluation identifier
EVALID	POP_EVAL	4	Evaluation identifier
EVALID	POP_PLOT_STRATUM_ASSGN	10	Evaluation identifier
EVALID	POP_STRATUM	4	Evaluation identifier
EXISTS_IN_NCRS	REF_SPECIES	15	Exists in the North Central Research Station States
EXISTS_IN_NERS	REF_SPECIES	16	Exists in the Northeastern Research Station States
EXISTS_IN_PNWRS	REF_SPECIES	17	Exists in the Pacific Northwest Research Station States
EXISTS_IN_RMRS	REF_SPECIES	18	Exists in the Rocky Mountain Research Station States
EXISTS_IN_SRS	REF_SPECIES	19	Exists in the Southern Research Station States
EXPALL	PLOTSNAP	52	Area expansion factor for all land
EXPCURR	PLOTSNAP	53	Area expansion factor for forest land and timberland
EXPGROW	PLOTSNAP	55	Growth expansion factor for forest land and timberland
EXPMORT	PLOTSNAP	56	Mortality expansion factor for forest land and timberland
EXPNS	POP_STRATUM	11	Expansion factor

Column name with (field guide section)	Table name	Location in table	Description
EXPREMV	PLOTSNAP	57	Removals expansion factor for forest land and timberland
EXPRESSION	REF_POP_ATTRIBUTE	6	Part of the expression used to produce the estimate
EXPVOL	PLOTSNAP	54	Volume expansion factor for forest land and timberland
F	REF_PLANT_DICTIONARY	31	Forma indicator “f”
FAMILY	REF_PLANT_DICTIONARY	9	Family
FGROWBFSL	TREE	95	Net annual merchantable board-foot growth of sawtimber tree on forest land
FGROWCFAL	TREE	96	Net annual sound cubic-foot growth of a live tree on forest land
FGROWCFGS	TREE	94	Net annual merchantable cubic-foot growth of growing-stock tree on forest land
FIPSCOUNTY	PLOTGEOM	13	FIPS county code
FIRE_SRS	COND	87	Fire, Southern Research Station
FLDAGE	COND	52	Field-recorded stand age
FLDSZCD (2.5.4)	COND	21	Field stand-size class code
FLDTYPCD (2.5.3)	COND	17	Field forest type code
FMORTBFSL	TREE	98	Board-foot volume of a sawtimber tree for mortality purposes on forest land
FMORTCFAL	TREE	99	Sound cubic-foot volume of a tree for mortality purposes on forest land
FMORTCFGS	TREE	97	Cubic-foot volume of a growing-stock tree for mortality purposes on forest land
FOOTNOTE	REF_POP_ATTRIBUTE	8	Footnote
FORMA	REF_PLANT_DICTIONARY	32	Forma
FORB_COVER_PCT_AERIAL (8.5.20)	P2VEG_SUBP_STRUCTURE	29	Forb cover percent, aerial view
FORB_COVER_PCT_LAYER1 (8.5.16)	P2VEG_SUBP_STRUCTURE	25	Forb cover percent, layer 1
FORB_COVER_PCT_LAYER2 (8.5.17)	P2VEG_SUBP_STRUCTURE	26	Forb cover percent, layer 2
FORB_COVER_PCT_LAYER3 (8.5.18)	P2VEG_SUBP_STRUCTURE	27	Forb cover percent, layer 3
FORB_COVER_PCT_LAYER4 (8.5.19)	P2VEG_SUBP_STRUCTURE	28	Forb cover percent, layer 4
FOREST_TYPE_SPGRPCD	REF_SPECIES	14	Forest type species group code
FORINDCD (2.5.8)	COND	14	Private owner industrial status code

Column name with (field guide section)	Table name	Location in table	Description
FORMCL	TREE	77	Form class
FORTYPCD	COND	16	Forest type code
FORTYPCDCALC	COND	55	Forest type code calculated with a national algorithm
FREMVBFSL	TREE	101	Board-foot volume of a sawtimber tree for removal purposes on forest land
FREMVCFAL	TREE	102	Sound cubic-foot volume of the tree for removal purposes on forest land
FREMVCFGS	TREE	100	Cubic-foot volume of a growing-stock tree for removal purposes on forest land
FUEL_BIOMASS	COND_DWM_CALC	85	Average fuelbed biomass per acre in the condition
FUEL_CARBON	COND_DWM_CALC	86	Average fuelbed carbon mass per acre in the condition
FUEL_DEPTH	COND_DWM_CALC	84	Average fuelbed depth in the condition
FUELDEP	DWM_DUFF_LITTER_FUEL	15	Fuelbed depth
FWD_CARBON_RATIO	REF_FOREST_TYPE_GROUP	12	Fine woody debris carbon ratio
FWD_DECAY_RATIO	REF_FOREST_TYPE_GROUP	13	Fine woody debris decay ratio
FWD_DENSITY	REF_FOREST_TYPE_GROUP	11	Fine woody debris density
FWD_LARGE_QMD	REF_FOREST_TYPE_GROUP	16	Large fine woody debris quadratic mean diameter
FWD_LG_CARBON_ADJ	COND_DWM_CALC	71	Large-size class fine woody debris carbon mass per acre, adjusted
FWD_LG_CARBON_COND	COND_DWM_CALC	69	Large-size class fine woody debris carbon mass per acre in the condition
FWD_LG_CARBON_UNADJ	COND_DWM_CALC	70	Large-size class fine woody debris carbon mass per acre, unadjusted
FWD_LG_CNT_COND	COND_DWM_CALC	62	Large-size class fine woody debris pieces count in the condition
FWD_LG_DRYBIO_ADJ	COND_DWM_CALC	68	Large-size class fine woody debris biomass per acre, adjusted
FWD_LG_DRYBIO_COND	COND_DWM_CALC	66	Large-size class fine woody debris biomass per acre in the condition
FWD_LG_DRYBIO_UNADJ	COND_DWM_CALC	67	Large-size class fine woody debris biomass per acre, unadjusted
FWD_LG_TL_ADJ	COND_DWM_CALC	61	Large-size class fine woody debris transect length, adjusted

Column name with (field guide section)	Table name	Location in table	Description
FWD_LG_TL_COND	COND_DWM_CALC	59	Large-size class fine woody debris transect length in the condition
FWD_LG_TL_UNADJ	COND_DWM_CALC	60	Large-size class fine woody debris transect length, unadjusted
FWD_LG_VOLCF_ADJ	COND_DWM_CALC	65	Large-size class fine woody debris cubic foot volume per acre, adjusted
FED_LG_VOLCF_COND	COND_DWM_CALC	63	Large-siz class fine woody debris cubic foot volume per acre in the condition
FWD_LG_VOLCF_UNADJ	COND_DWM_CALC	64	Large-size class fine woody debris cubic foot volume per acre, unadjusted
FWD_MD_CARBON_ADJ	COND_DWM_CALC	58	Medium-size class fine woody debris carbon mass per acre, adjusted
FWD_MD_CARBON_COND	COND_DWM_CALC	56	Medium-size class fine woody debris carbon mass per acre in the condition
FWD_MD_CARBON_UNADJ	COND_DWM_CALC	57	Medium-size class fine woody debris carbon mass per acre, unadjusted
FWD_MD_CNT_COND	COND_DWM_CALC	49	Medium-size class fine woody debris pieces count in the condition
FWD_MD_DRYBIO_ADJ	COND_DWM_CALC	55	Medium-size class fine woody debris biomass per acre
FWD_MD_DRYBIO_COND	COND_DWM_CALC	53	Medium-size class fine woody debris biomass per acre in the condition
FWD_MD_DRYBIO_UNADJ	COND_DWM_CALC	54	Medium-size class fine woody debris biomass per acre, unadjusted
FWD_MD_TL_ADJ	COND_DWM_CALC	48	Medium-size class fine woody debris transect length, adjusted
FWD_MD_TL_COND	COND_DWM_CALC	46	Medium-size class fine woody debris transect length in the condition
FWD_MD_TL_UNADJ	COND_DWM_CALC	47	Medium-size class fine woody debris transect length in all conditions, unadjusted
FWD_MD_VOLCF_ADJ	COND_DWM_CALC	52	Medium-size class fine woody debris cubic foot volume per acre, adjusted
FWD_MD_VOLCF_COND	COND_DWM_CALC	50	Medium-size fine woody debris cubic foot volume per acre in the condition

Column name with (field guide section)	Table name	Location in table	Description
FWD_MD_VOLCF_UNADJ	COND_DWM_CALC	51	Medium-size class fine woody debris cubic foot volume per acre, unadjusted
FWD_MEDIUM_QMD	REF_FOREST_TYPE_GROUP	15	Medium fine woody debris quadratic mean diameter
FWD_SM_CNT_COND	COND_DWM_CALC	36	Small-size class fine woody debris pieces count in the condition
FWD_SM_CARBON_ADJ	COND_DWM_CALC	45	Small-size class fine woody debris carbon mass per acre, adjusted
FWD_SM_CARBON_COND	COND_DWM_CALC	43	Small-size class fine woody debris carbon mass per acre in the condition
FWD_SM_CARBON_UNADJ	COND_DWM_CALC	44	Small-size class fine woody debris carbon mass per acre, unadjusted
FWD_SM_DRYBIO_ADJ	COND_DWM_CALC	42	Small-size class fine woody debris biomass per acre, unadjusted
FWD_SM_DRYBIO_COND	COND_DWM_CALC	40	Small-size class fine woody debris biomass per acre in the condition
FWD_SM_DRYBIO_UNADJ	COND_DWM_CALC	41	Small-size class fine woody debris biomass per acre, unadjusted
FWD_SM_TL_ADJ	COND_DWM_CALC	35	Small-size class fine woody debris transect length, adjusted
FWD_SM_TL_COND	COND_DWM_CALC	33	Small-size class fine woody debris transect length in the condition
FWD_SM_TL_UNADJ	COND_DWM_CALC	34	Small-size class fine woody debris transect length, unadjusted
FWD_SM_VOLCF_ADJ	COND_DWM_CALC	39	Small-size class fine woody debris cubic foot volume per acre, adjusted
FWD_SM_VOLCF_COND	COND_DWM_CALC	37	Small-size class fine woody debris cubic foot volume per acre in the condition
FWD_SM_VOLCF_UNADJ	COND_DWM_CALC	38	Small-size class fine woody debris cubic foot volume per acre, unadjusted
FWD_SMALL_QMD	REF_FOREST_TYPE_GROUP	14	Small fine woody debris quadratic mean diameter
G_C	TREE_GRM_ESTN	35	Cut growth
G_CD	TREE_GRM_ESTN	41	Cull decrement growth
G_CI	TREE_GRM_ESTN	43	Cull increment growth
G_D	TREE_GRM_ESTN	39	Diversion growth
G_I	TREE_GRM_ESTN	31	Growth on ingrowth

Column name with (field guide section)	Table name	Location in table	Description
G_M	TREE_GRM_ESTN	33	Mortality growth
G_R	TREE_GRM_ESTN	37	Reversion growth
G_S	TREE_GRM_ESTN	29	Survivor growth
GENERA_BINOMIAL_AUTHOR	REF_PLANT_DICTIONARY	16	Genera binomial author
GENUS	REF_PLANT_DICTIONARY	20	Genus
GENUS	REF_SPECIES	3	Genus
GRAMINOID_COVER_PCT_AERIAL (8.5.25)	P2VEG_SUBP_STRUCTURE	34	Graminoid cover percent, aerial view
GRAMINOID_COVER_PCT_LAYER1 (8.5.21)	P2VEG_SUBP_STRUCTURE	30	Graminoid cover percent, layer 1
GRAMINOID_COVER_PCT_LAYER2 (8.5.22)	P2VEG_SUBP_STRUCTURE	31	Graminoid cover percent, layer 2
GRAMINOID_COVER_PCT_LAYER3 (8.5.23)	P2VEG_SUBP_STRUCTURE	32	Graminoid cover percent, layer 3
GRAMINOID_COVER_PCT_LAYER4 (8.5.24)	P2VEG_SUBP_STRUCTURE	33	Graminoid cover percent, layer 4
GRAZING_SRS	COND	88	Grazing, Southern Research Station
GROUND_LAND_CLASS_PNW	COND	82	Present ground class code, Pacific Northwest Research Station
GROW_TYP_CD	PLOT	23	Type of annual volume growth code
GROW_TYP_CD	PLOTSNAP	23	Type of annual volume growth code
GROWBFSL	TREE	46	Net annual merchantable board-foot growth of sawtimber size tree on timberland
GROWCFAL	TREE	47	Net annual sound cubic-foot growth of a live tree on timberland
GROWCFGS	TREE	45	Net annual merchantable cubic-foot growth of growing-stock tree on timberland
GROWTH_ACCT	POP_EVAL	13	Growth accounting
GROWTH_HABIT	REF_PLANT_DICTIONARY	10	Growth habit
GROWTH_HABIT_CD (8.6.1)	P2VEG_SUBPLOT_SPP	13	Growth habit code
GSSTK	COND	54	Growing-stock stocking percent
GSSTKCD	COND	36	Growing-stock stocking code
HABTYPCD	REF_HABTYP_DESCRIPTION	2	Habitat type code
HABTYPCD1	COND	56	Primary condition habitat type
HABTYPCD1_DESCR_PUB_CD	COND	58	Habitat type code 1 description publication code
HABTYPCD1_PUB_CD	COND	57	Habitat type code 1 publication code
HABTYPCD2	COND	59	Secondary condition habitat type

Column name with (field guide section)	Table name	Location in table	Description
HABTYPCD2_DESCR_PUB_CD	COND	61	Habitat type code 2 description publication code
HABTYPCD2_PUB_CD	COND	60	Habitat type code 2 publication code
HARVEST_TYPE1_SRS	COND	89	Harvest type code 1, Southern Research Station
HARVEST_TYPE2_SRS	COND	90	Harvest type code 2, Southern Research Station
HARVEST_TYPE3_SRS	COND	91	Harvest type code 3, Southern Research Station
HEIGHT1	DWM_RESIDUAL_PILE	14	Height first measurement
HEIGHT2	DWM_RESIDUAL_PILE	17	Height second measurement
HIGHEST_POINT	REF_STATE_ELEV	5	Highest point
HOLLOWCD	DWM_COARSE_WOODY_DEBRIS	20	Hollow code
HORIZ_BEGNDIST	DWM_TRANSECT_SEGMENT	16	Beginning horizontal distance of a coarse woody debris transect segment
HORIZ_DIST	DWM_COARSE_WOODY_DEBRIS	13	Horizontal distance
HORIZ_ENDDIST	DWM_TRANSECT_SEGMENT	17	Ending horizontal distance of a coarse woody debris transect segment
HORIZ_LENGTH	DWM_TRANSECT_SEGMENT	15	Horizontal length
HRDWD_CLUMP_CD	TREE	79	Hardwood clump code
HT (7.24)	SITETREE	13	Total height
HT (5.14)	TREE	20	Total height
HTCALC	TREE	78	Current height calculated
HTCD (5.16)	TREE	21	Height method code
HTDMP (5.24)	TREE	88	Length (height) to diameter measurement point
HUC	PLOTGEOM	11	Hydrologic unit code
I	TREE_GRM_ESTN	30	Ingrowth
INDUSTRIALCD_FIADB	COND	102	Industrial code
INSTALL_TYPE	REF_FIADB_VERSION	2	Install type
INTENSITY	PLOT	45	Intensity
INTENSITY	PLOTSNAP	45	Intensity
INV_GROUP_CD	REF_INVASIVE_SPECIES	4	Invasive group code
INVASIVE_NONSAMPLE_REASON_CD	SUBPLOT	34	Invasive nonsampled reason code
INVASIVE_SAMPLING_STATUS_CD	PLOT	55	Invasive sampling status code
INVASIVE_SPECIMEN_RULE_CD	PLOT	56	Invasive specimen rule code
INVASIVE_SUBP_STATUS_CD	SUBPLOT	33	Invasive subplot status code
INVYR	BOUNDARY	3	Inventory year
INVYR	COND	3	Inventory year
INVYR	COND_DWM_CALC	6	Inventory year
INVYR	DWM_COARSE_WOODY_DEBRIS	3	Inventory year

Column name with (field guide section)	Table name	Location in table	Description
INVYR	DWM_DUFF_LITTER_FUEL	3	Inventory year
INVYR	DWM_FINE_WOODY DEBRIS	3	Inventory year
INVYR	DWM_MICROPLOT_FUEL	3	Inventory year
INVYR	DWM_RESIDUAL_PILE	3	Inventory year
INVYR	DWM_TRANSECT_SEGMENT	3	Inventory year
INVYR	DWM_VISIT	3	Inventory year
INVYR	INVASIVE_SUBPLOT_SPP	3	Inventory year
INVYR	P2VEG_SUBP_STRUCTURE	3	Inventory year
INVYR	P2VEG_SUBPLOT_SPP	3	Inventory year
INVYR	PLOT	5	Inventory year
INVYR	PLOTGEOM	3	Inventory year
INVYR	PLOTSNAP	5	Inventory year
INVYR	POP_PLOT_STRATUM_ASSGN	5	Inventory year
INVYR	SEEDLING	3	Inventory year
INVYR	SITETREE	4	Inventory year
INVYR	SUBPLOT	4	Inventory year
INVYR	SUBP_COND	3	Inventory year
INVYR	SURVEY	2	Inventory year
INVYR	TREE	4	Inventory year
INVYR	TREE_GRM_ESTN	3	Inventory year
JENKINS_FOLIAGE_RATIO_B1	REF_SPECIES	42	Jenkins foliage ratio B1
JENKINS_FOLIAGE_RATIO_B2	REF_SPECIES	43	Jenkins foliage ratio B2
JENKINS_ROOT_RATIO_B1	REF_SPECIES	44	Jenkins root ratio B1
JENKINS_ROOT_RATIO_B2	REF_SPECIES	45	Jenkins root ratio B2
JENKINS_SAPLING_ADJUSTMENT	REF_SPECIES	46	Jenkins sapling adjustment factor
JENKINS_SPGRPCD	REF_SPECIES	35	Jenkins species group code
JENKINS_STEM_BARK_RATIO_B1	REF_SPECIES	40	Jenkins stem bark ratio B1
JENKINS_STEM_BARK_RATIO_B2	REF_SPECIES	41	Jenkins stem bark ratio B2
JENKINS_STEM_WOOD_RATIO_B1	REF_SPECIES	38	Jenkins stem wood ratio B1
JENKINS_STEM_WOOD_RATIO_B2	REF_SPECIES	39	Jenkins stem wood ratio B2
JENKINS_TOTAL_B1	REF_SPECIES	36	Jenkins coefficient B1
JENKINS_TOTAL_B2	REF_SPECIES	37	Jenkins coefficient B2
KINDCD (1.10)	PLOT	16	Sample kind code
KINDCD	PLOTSNAP	16	Sample kind code
KINDCD_NC	PLOT	31	Sample kind code, North Central
KINDCD_NC	PLOTSNAP	31	Sample kind code, North Central
LABEL_ORDER	REF_POP_EVAL_TYP_DESCR	2	Label order
LAND_BASIS	TREE_GRM_ESTN	6	Land basis for estimate
LAND_ONLY	POP_EVAL	11	Land only
LAND_USE_SRS	COND	92	Land use, Southern Research Station
LARGE_TL_COND	DWM_FINE_WOODY DEBRIS	22	Large-size class transect length in condition
LARGE_TL_PLOT	DWM_FINE_WOODY DEBRIS	23	Large-size class transect length on plot
LARGE_TL_UNADJ	DWM_FINE_WOODY DEBRIS	24	Large-size class transect length on plot, unadjusted

Column name with (field guide section)	Table name	Location in table	Description
LARGECT	DWM_FINE_WOODY DEBRIS	13	Large-size class count
LARGEDIA	DWM_COARSE_WOODY_ DEBRIS	18	Large diameter
LAT (1.19.8)	PLOT	20	Latitude
LAT	PLOTGEOM	7	Latitude
LAT	PLOTSNAP	20	Latitude
LAYER (8.6.5)	P2VEG_SUBPLOT_SPP	14	Layer
LENGTH	DWM_COARSE_WOODY_ DEBRIS	19	Length
LENGTH1	DWM_RESIDUAL_PILE	16	Length first measurement
LENGTH2	DWM_RESIDUAL_PILE	19	Length second measurement
LITTDEP	DWM_DUFF_LITTER_FUEL	14	Litter depth
LITTER_BIOMASS	COND_DWM_CALC	91	Average litter biomass per acre in the condition
LITTER_CARBON	COND_DWM_CALC	92	Average litter carbon per acre in the condition
LITTER_CARBON_RATIO	REF_FOREST_TYPE_GROUP	7	Litter carbon ratio
LITTER_DENSITY	REF_FOREST_TYPE_GROUP	6	Litter density
LITTER_DEPTH	COND_DWM_CALC	90	Average litter depth in the condition
LITTERCD	DWM_MICROPLOT_FUEL	13	Litter code
LIVE_CANOPY_CVR_PCT	COND	98	Live canopy cover percent
LIVE_MISSING_CANOPY_CVR_PCT	COND	99	Live plus missing canopy cover percent
LOCATION_NM	POP_EVAL	7	Usually State name or super State
LON (1.19.9)	PLOT	21	Longitude
LON	PLOTGEOM	8	Longitude
LON	PLOTSNAP	21	Longitude
LOWEST_POINT	REF_STATE_ELEV	4	Lowest point
LPA_COND	DWM_COARSE_WOODY_ DEBRIS	28	Number of logs (pieces) per acre in the condition, national core design
LPA_COND_RGN	DWM_COARSE_WOODY_ DEBRIS	31	Number of logs (pieces) per acre in the condition, regional design
LPA_PLOT	DWM_COARSE_WOODY_ DEBRIS	27	Number of logs (pieces) per acre on the plot, national core design
LPA_PLOT_RGN	DWM_COARSE_WOODY_ DEBRIS	30	Number of logs (pieces) per acre on the plot, regional design
LPA_UNADJ	DWM_COARSE_WOODY_ DEBRIS	26	Number of logs (piece) per acre, unadjusted, national core design
LPA_UNADJ_RGN	DWM_COARSE_WOODY_ DEBRIS	29	Number of logs (pieces) per acre, unadjusted, regional design
LVHRBCD	DWM_MICROPLOT_FUEL	11	Live herb code
LVHRBHT	DWM_MICROPLOT_FUEL	16	Live herb height
LVSHRBCD	DWM_MICROPLOT_FUEL	9	Live shrub code
LVSHRBHT	DWM_MICROPLOT_FUEL	14	Live shrub height
M	TREE_GRM_ESTN	32	Mortality

Column name with (field guide section)	Table name	Location in table	Description
MACRCOND	SUBPLOT	14	Macroplot center condition
MACRCOND_PROP	SUBP_COND	18	Proportion of this macroplot in this condition
MACRO_BREAKPOINT_DIA (1.20)	PLOT	44	Macroplot breakpoint diameter
MACRO_BREAKPOINT_DIA	PLOTSNAP	44	Macroplot breakpoint diameter
MACRPROP_UNADJ	COND	32	Macroplot proportion unadjusted
MAJOR_SPGRPCD	REF_SPECIES	12	Major species group code
MANUAL (1.12)	PLOT	29	Manual (field guide) version number
MANUAL	PLOTSNAP	29	Manual (field guide) version number
MANUAL_END	REF_FOREST_TYPE	5	Manual end
MANUAL_END	REF_INVASIVE_SPECIES	9	Manual end
MANUAL_END	REF_SPECIES	34	Manual end
MANUAL_START	REF_FOREST_TYPE	4	Manual start
MANUAL_START	REF_INVASIVE_SPECIES	8	Manual start
MANUAL_START	REF_SPECIES	33	Manual start
MAPDEN	COND	18	Mapping density
MAX_ELEV	REF_STATE_ELEV	3	Maximum elevation
MC_PCT_GREEN BARK	REF_SPECIES	51	Moisture content of green bark as a percent of oven-dry weight
MC_PCT_GREEN_BARK_CIT	REF_SPECIES	52	Moisture content of green bark citation
MC_PCT_GREEN_WOOD	REF_SPECIES	53	Moisture content of green wood as a percent of oven-dry weight
MC_PCT_GREEN_WOOD_CIT	REF_SPECIES	54	Moisture content of green wood citation
MEANING	REF_FOREST_TYPE	2	Meaning
MEANING	REF_FOREST_TYPE_GROUP	2	Meaning
MEANING	REF_UNIT	3	Meaning
MEASDAY	DWM_VISIT	7	Measurement day
MEASDAY (1.13.3)	PLOT	14	Measurement day
MEASDAY	PLOTSNAP	14	Measurement day
MEASMON	DWM_VISIT	8	Measurement month
MEASMON (1.13.2)	PLOT	13	Measurement month
MEASMON	PLOTSNAP	13	Measurement month
MEASYEAR	COND_DWM_CALC	5	Measurement year
MEASYEAR	DWM_COARSE_WOODY_DEBRIS	10	Measurement year
MEASYEAR	DWM_DUFF_LITTER_FUEL	10	Measurement year
MEASYEAR	DWM_FINE_WOODY DEBRIS	10	Measurement year
MEASYEAR	DWM_MICROPLOT_FUEL	8	Measurement year
MEASYEAR	DWM_RESIDUAL_PILE	9	Measurement year
MEASYEAR	DWM_TRANSECT_SEGMENT	10	Measurement year
MEASYEAR	DWM_VISIT	9	Measurement year
MEASYEAR (1.13.1)	PLOT	12	Measurement year
MEASYEAR	PLOTSNAP	12	Measurement year

Column name with (field guide section)	Table name	Location in table	Description
MEDIUM_TL_COND	DWM_FINE_WOODY DEBRIS	19	Medium-size class transect length in condition
MEDIUM_TL_PLOT	DWM_FINE_WOODY DEBRIS	20	Medium-size class transect length on plot
MEDIUM_TL_UNADJ	DWM_FINE_WOODY DEBRIS	21	Medium-size class transect length on plot, unadjusted
MEDIUMCT	DWM_FINE_WOODY DEBRIS	12	Medium-size class count
METHOD	SITETREE	21	Site tree method code
MICRCOND (3.7)	SUBPLOT	12	Microplot center condition
MICRCOND_PROP	SUBP_COND	16	Proportion of this microplot in this condition
MICROPLOT_LOC	PLOT	39	Microplot location
MICROPLOT_LOC	PLOTSNAP	39	Microplot location
MICRPROP_UNADJ	COND	30	Microplot proportion unadjusted
MIN_ELEV	REF_STATE_ELEV	2	Minimum elevation
MIST_CL_CD (5.26)	TREE	90	Mistletoe class code
MIST_CL_CD_PNWRS	TREE	132	Leafy mistletoe class code, Pacific Northwest Research Station
MIXEDCONFCD	COND	62	Calculated forest type for mixed conifer site
MODIFIED_BY	BOUNDARY	21	Modified by
MODIFIED_BY	COND	76	Modified by
MODIFIED_BY	COND_DWM_CALC	100	Modified by
MODIFIED_BY	COUNTY	9	Modified by
MODIFIED_BY	DWM_COARSE_WOODY_DEBRIS	38	Modified by
MODIFIED_BY	DWM_DUFF_LITTER_FUEL	19	Modified by
MODIFIED_BY	DWM_FINE_WOODY DEBRIS	28	Modified by
MODIFIED_BY	DWM_MICROPLOT_FUEL	21	Modified by
MODIFIED_BY	DWM_RESIDUAL_PILE	29	Modified by
MODIFIED_BY	DWM_TRANSECT_SEGMENT	21	Modified by
MODIFIED_BY	DWM_VISIT	16	Modified by
MODIFIED_BY	INVASIVE_SUBPLOT_SPP	16	Modified by
MODIFIED_BY	P2VEG_SUBP_STRUCTURE	38	Modified by
MODIFIED_BY	P2VEG_SUBPLOT_SPP	19	Modified by
MODIFIED_BY	PLOT	36	Modified by
MODIFIED_BY	PLOTGEOM	18	Modified by
MODIFIED_BY	PLOTSNAP	36	Modified by
MODIFIED_BY	POP_ESTN_UNIT	17	Modified by
MODIFIED_BY	POP_EVAL	19	Modified by
MODIFIED_BY	POP_EVAL_ATTRIBUTE	8	Modified by
MODIFIED_BY	POP_EVAL_GRP	10	Modified by
MODIFIED_BY	POP_EVAL_TYP	8	Modified by
MODIFIED_BY	POP_PLOT_STRATUM_ASSGN	16	Modified by
MODIFIED_BY	POP_STRATUM	22	Modified by
MODIFIED_BY	REF_CITATION	6	Modified by
MODIFIED_BY	REF_FIADB_VERSION	7	Modified by
MODIFIED_BY	REF_FOREST_TYPE	10	Modified by
MODIFIED_BY	REF_FOREST_TYPE_GROUP	20	Modified by
MODIFIED_BY	REF_HABTYP_DESCRIPTION	10	Modified by
MODIFIED_BY	REF_HABTYP_PUBLICATION	10	Modified by
MODIFIED_BY	REF_INVASIVE_SPECIES	14	Modified by

Column name with (field guide section)	Table name	Location in table	Description
MODIFIED_BY	REF_PLANT_DICTIONARY	37	Modified by
MODIFIED_BY	REF_POP_ATTRIBUTE	13	Modified by
MODIFIED_BY	REF_POP_EVAL_TYP_DESCR	10	Modified by
MODIFIED_BY	REF_SPECIES	76	Modified by
MODIFIED_BY	REF_SPECIES_GROUP	8	Modified by
MODIFIED_BY	REF_STATE_ELEV	9	Modified by
MODIFIED_BY	REF_UNIT	7	Modified by
MODIFIED_BY	SEEDLING	18	Modified by
MODIFIED_BY	SITETREE	28	Modified by
MODIFIED_BY	SUBPLOT	23	Modified by
MODIFIED_BY	SUBP_COND	13	Modified by
MODIFIED_BY	SUBP_COND_CHNG_MTRX	13	Modified by
MODIFIED_BY	SURVEY	13	Modified by
MODIFIED_BY	TREE	84	Modified by
MODIFIED_BY	TREE_GRM_ESTN	47	Modified by
MODIFIED_BY	TREE_REGIONAL_BIOMASS	8	Modified by
MODIFIED_DATE	BOUNDARY	22	Modified date
MODIFIED_DATE	COND	77	Modified date
MODIFIED_DATE	COND_DWM_CALC	101	Modified date
MODIFIED_DATE	COUNTY	10	Modified date
MODIFIED_DATE	DWM_COARSE_WOODY_DEBRIS	39	Modified date
MODIFIED_DATE	DWM_DUFF_LITTER_FUEL	20	Modified date
MODIFIED_DATE	DWM_FINE_WOODY_DEBRIS	29	Modified date
MODIFIED_DATE	DWM_MICROPLOT_FUEL	22	Modified date
MODIFIED_DATE	DWM_RESIDUAL_PILE	31	Modified date
MODIFIED_DATE	DWM_TRANSECT_SEGMENT	23	Modified date
MODIFIED_DATE	DWM_VISIT	17	Modified date
MODIFIED_DATE	INVASIVE_SUBPLOT_SPP	17	Modified date
MODIFIED_DATE	P2VEG_SUBP_STRUCTURE	39	Modified date
MODIFIED_DATE	P2VEG_SUBPLOT_SPP	20	Modified date
MODIFIED_DATE	PLOT	37	Modified date
MODIFIED_DATE	PLOTGEOM	19	Modified date
MODIFIED_DATE	PLOTSNAP	37	Modified date
MODIFIED_DATE	POP_ESTN_UNIT	18	Modified date
MODIFIED_DATE	POP_EVAL	20	Modified date
MODIFIED_DATE	POP_EVAL_ATTRIBUTE	9	Modified date
MODIFIED_DATE	POP_EVAL_GRP	11	Modified date
MODIFIED_DATE	POP_EVAL_TYP	9	Modified date
MODIFIED_DATE	POP_PLOT_STRATUM_ASSGN	17	Modified date
MODIFIED_DATE	POP_STRATUM	23	Modified date
MODIFIED_DATE	REF_CITATION	7	Modified date
MODIFIED_DATE	REF_FIADB_VERSION	8	Modified date
MODIFIED_DATE	REF_FOREST_TYPE	11	Modified date
MODIFIED_DATE	REF_FOREST_TYPE_GROUP	21	Modified date
MODIFIED_DATE	REF_HABTYP_DESCRIPTION	11	Modified date
MODIFIED_DATE	REF_HABTYP_PUBLICATION	11	Modified date
MODIFIED_DATE	REF_INVASIVE_SPECIES	15	Modified date
MODIFIED_DATE	REF_PLANT_DICTIONARY	38	Modified date
MODIFIED_DATE	REF_POP_ATTRIBUTE	14	Modified date
MODIFIED_DATE	REF_POP_EVAL_TYP_DESCR	11	Modified date
MODIFIED_DATE	REF_SPECIES	77	Modified date
MODIFIED_DATE	REF_SPECIES_GROUP	9	Modified date
MODIFIED_DATE	REF_STATE_ELEV	10	Modified date

Column name with (field guide section)	Table name	Location in table	Description
MODIFIED_DATE	REF_UNIT	8	Modified date
MODIFIED_DATE	SEEDLING	19	Modified date
MODIFIED_DATE	SITETREE	29	Modified date
MODIFIED_DATE	SUBPLOT	24	Modified date
MODIFIED_DATE	SUBP_COND	14	Modified date
MODIFIED_DATE	SUBP_COND_CHNG_MTRX	14	Modified date
MODIFIED_DATE	SURVEY	14	Modified date
MODIFIED_DATE	TREE	85	Modified date
MODIFIED_DATE	TREE_GRM_ESTN	48	Modified date
MODIFIED_DATE	TREE_REGIONAL_BIOMASS	9	Modified date
MODIFIED_IN_INSTANCE	BOUNDARY	23	Modified in instance
MODIFIED_IN_INSTANCE	COND	78	Modified in instance
MODIFIED_IN_INSTANCE	COND_DWM_CALC	102	Modified in instance
MODIFIED_IN_INSTANCE	COUNTY	11	Modified in instance
MODIFIED_IN_INSTANCE	DWM_COARSE_WOODY_DEBRIS	40	Modified in instance
MODIFIED_IN_INSTANCE	DWM_DUFF_LITTER_FUEL	21	Modified in instance
MODIFIED_IN_INSTANCE	DWM_FINE_WOODY_DEBRIS	30	Modified in instance
MODIFIED_IN_INSTANCE	DWM_MICROPLOT_FUEL	23	Modified in instance
MODIFIED_IN_INSTANCE	DWM_RESIDUAL_PILE	30	Modified in instance
MODIFIED_IN_INSTANCE	DWM_TRANSECT_SEGMENT	22	Modified in instance
MODIFIED_IN_INSTANCE	DWM_VISIT	18	Modified in instance
MODIFIED_IN_INSTANCE	INVASIVE_SUBPLOT_SPP	18	Modified in instance
MODIFIED_IN_INSTANCE	P2VEG_SUBP_STRUCTURE	40	Modified in instance
MODIFIED_IN_INSTANCE	P2VEG_SUBPLOT_SPP	21	Modified in instance
MODIFIED_IN_INSTANCE	PLOT	38	Modified in instance
MODIFIED_IN_INSTANCE	PLOTGEOM	20	Modified in instance
MODIFIED_IN_INSTANCE	PLOTSNAP	38	Modified in instance
MODIFIED_IN_INSTANCE	POP_ESTN_UNIT	19	Modified in instance
MODIFIED_IN_INSTANCE	POP_EVAL	21	Modified in instance
MODIFIED_IN_INSTANCE	POP_EVAL_ATTRIBUTE	10	Modified in instance
MODIFIED_IN_INSTANCE	POP_EVAL_GRP	12	Modified in instance
MODIFIED_IN_INSTANCE	POP_EVAL_TYP	10	Modified in instance
MODIFIED_IN_INSTANCE	POP_PLOT_STRATUM_ASSGN	18	Modified in instance
MODIFIED_IN_INSTANCE	POP_STRATUM	24	Modified in instance
MODIFIED_IN_INSTANCE	REF_CITATION	8	Modified in instance
MODIFIED_IN_INSTANCE	REF_FIADB_VERSION	9	Modified in instance
MODIFIED_IN_INSTANCE	REF_FOREST_TYPE	12	Modified in instance
MODIFIED_IN_INSTANCE	REF_FOREST_TYPE_GROUP	22	Modified in instance
MODIFIED_IN_INSTANCE	REF_HABTYP_DESCRIPTION	12	Modified in instance
MODIFIED_IN_INSTANCE	REF_HABTYP_PUBLICATION	12	Modified in instance
MODIFIED_IN_INSTANCE	REF_INVASIVE_SPECIES	16	Modified in instance
MODIFIED_IN_INSTANCE	REF_PLANT_DICTIONARY	39	Modified in instance
MODIFIED_IN_INSTANCE	REF_POP_ATTRIBUTE	15	Modified in instance
MODIFIED_IN_INSTANCE	REF_POP_EVAL_TYP_DESCR	12	Modified in instance
MODIFIED_IN_INSTANCE	REF_SPECIES	78	Modified in instance
MODIFIED_IN_INSTANCE	REF_SPECIES_GROUP	10	Modified in instance
MODIFIED_IN_INSTANCE	REF_STATE_ELEV	11	Modified in instance
MODIFIED_IN_INSTANCE	REF_UNIT	9	Modified in instance
MODIFIED_IN_INSTANCE	SEEDLING	20	Modified in instance
MODIFIED_IN_INSTANCE	SITETREE	30	Modified in instance
MODIFIED_IN_INSTANCE	SUBPLOT	25	Modified in instance
MODIFIED_IN_INSTANCE	SUBP_COND	15	Modified in instance
MODIFIED_IN_INSTANCE	SUBP_COND_CHNG_MTRX	15	Modified in instance

Column name with (field guide section)	Table name	Location in table	Description
MODIFIED_IN_INSTANCE	SURVEY	15	Modified in instance
MODIFIED_IN_INSTANCE	TREE	86	Modified in instance
MODIFIED_IN_INSTANCE	TREE_GRM_ESTN	49	Modified in instance
MODIFIED_IN_INSTANCE	TREE_REGIONAL_BIOMASS	10	Modified in instance
MORT_TYP_CD	PLOT	24	Type of annual mortality volume code
MORT_TYP_CD	PLOTSNAP	24	Type of annual mortality volume code
MORTALITY	TREE_GRM_ESTN	18	Mortality estimate
MORTBFSL	TREE	49	Board-foot volume of a sawtimber size tree on timberland for mortality purposes
MORTCD (5.7.3)	TREE	87	Mortality code
MORTCFAL	TREE	50	Sound cubic-foot volume of a tree on timberland for mortality purposes
MORTCFGS	TREE	48	Cubic-foot volume of a growing-stock tree on timberland for mortality purposes
MORTYR (5.22)	TREE	55	Mortality year
NAME	REF_SPECIES_GROUP	2	Name
NBR_LIVE_STEMS	COND	100	Number of live stems
NEW_SCIENTIFIC_NAME	REF_PLANT_DICTIONARY	6	New scientific name
NEW_SYMBOL	REF_PLANT_DICTIONARY	5	New symbol
NF_COND_NONSAMPLE_REASN_CD	COND	96	Nonforest condition nonsampled reason code
NF_COND_STATUS_CD	COND	95	Nonforest condition status code
NF_PLOT_NONSAMPLE_REASN_CD	PLOT	52	Nonforest plot nonsampled reason code
NF_PLOT_STATUS_CD	PLOT	51	Nonforest plot status code
NF_SAMPLING_STATUS_CD	PLOT	50	Nonforest sampling status code
NF_SUBP_NONSAMPLE_REASN_CD	SUBPLOT	30	Nonforest subplot nonsampled reason code
NF_SUBP_STATUS_CD	SUBPLOT	29	Nonforest subplot status code
NONFR_INCL_PCT_MACRO	SUBP_COND	20	Nonforest inclusions percentage of macroplot
NONFR_INCL_PCT_SUBP	SUBP_COND	19	Nonforest inclusions percentage of subplot
NONTALLY_TREE_COVER_PCT_AERIAL (8.5.10)	P2VEG_SUBP_STRUCTURE	19	Non-tally tree cover percent, aerial view
NONTALLY_TREE_COVER_PCT_LAYER1 (8.5.6)	P2VEG_SUBP_STRUCTURE	15	Non-tally tree cover percent, layer 1
NONTALLY_TREE_COVER_PCT_LAYER2 (8.5.7)	P2VEG_SUBP_STRUCTURE	16	Non-tally tree cover percent, layer 2
NONTALLY_TREE_COVER_PCT_LAYER3 (8.5.8)	P2VEG_SUBP_STRUCTURE	17	Non-tally tree cover percent, layer 3
NONTALLY_TREE_COVER_PCT_LAYER3 (8.5.9)	P2VEG_SUBP_STRUCTURE	18	Non-tally tree cover percent, layer 4
NOTES	POP_EVAL	15	Evaluation notes

Column name with (field guide section)	Table name	Location in table	Description
NOTES	POP_EVAL_GRP	6	Notes
NOTES	REF_INVASIVE_SPECIES	10	Notes
NOTES	REF_PLANT_DICTIONARY	33	Notes
NOTES	SURVEY	9	Notes (about the inventory)
ONEORTWO	BEGINEND	1	One or two
OPERABILITY_SRS	COND	93	Operability in Southern Research Station
ORNTCD_PNWRS	DWM_COARSE_WOODY_DEBRIS	34	Orientation code, Pacific Northwest Research Station
OWNCD (2.5.7)	COND	12	Owner class code
OWNGRPCD (2.5.2)	COND	13	Owner group code
OWNSUBCD	COND	101	Owner subclass code
P_SPGRPCD	REF_SPECIES	11	Pacific species group code
P1PNTCNT_EU	POP_ESTN_UNIT	12	Phase 1 point count (total number of pixels) in the estimation unit
P1POINTCNT	POP_STRATUM	9	Phase 1 point count
P1SOURCE	POP_ESTN_UNIT	13	Phase 1 source
P2A_GRM_FLG	SUBPLOT	19	Periodic to annual growth, removal, and mortality flag
P2A_GRM_FLG	TREE	103	Periodic to annual growth, removal, and mortality flag
P2PANEL	PLOT	25	Phase 2 panel number
P2PANEL	PLOTSNAP	25	Phase 2 panel number
P2POINTCNT	POP_STRATUM	10	Phase 2 point count
P2VEG_SAMPLING_LEVEL_DETAIL_CD	PLOT	54	P2 vegetation sampling level detail code
P2VEG_SAMPLING_STATUS_CD	PLOT	53	P2 vegetation sampling status code
P2VEG_SUBP_NONSAMPLE_REASON_CD	SUBPLOT	32	P2 vegetation nonsampled reason code
P2VEG_SUBP_STATUS_CD	SUBPLOT	31	P2 vegetation subplot status code
P3_OZONE_IND	SURVEY	3	Phase 3 ozone indicator plot
P3PANEL	PLOT	26	Phase 3 panel number
P3PANEL	PLOTSNAP	26	Phase 3 panel number
PACIFIC	REF_SPECIES	31	Pacific species
PHASE	COND_DWM_CALC	12	Phase
PHYSCLCD (2.5.23)	COND	35	Physiographic class code
PILE	DWM_RESIDUAL_PILE	8	Pile number
PILE_CARBON_ADJ	COND_DWM_CALC	83	Carbon mass per acre of piles, for population estimates, adjusted
PILE_CARBON_COND	COND_DWM_CALC	81	Carbon mass per acre of piles in the condition, for condition estimates
PILE_CARBON_RATIO	REF_FOREST_TYPE_GROUP	9	Pile carbon ratio
PILE_CARBON_UNADJ	COND_DWM_CALC	82	Carbon mass per acre of piles, for population estimates, unadjusted
PILE_DECAY_RATIO	REF_FOREST_TYPE_GROUP	10	Pile decay ratio

Column name with (field guide section)	Table name	Location in table	Description
PILE_DENSITY	REF_FOREST_TYPE_GROUP	8	Pile density
PILE_DRYBIO_ADJ	COND_DWM_CALC	80	Biomass per acre of piles, for population estimates, adjusted
PILE_DRYBIO_COND	COND_DWM_CALC	78	Biomass per acre of piles in the condition, for condition estimates
PILE_DRYBIO_UNADJ	COND_DWM_CALC	79	Biomass per acre of piles, for population estimates, unadjusted
PILE_SAMPLE_AREA_ADJ	COND_DWM_CALC	74	Plot area sampled for piles, in all conditions, adjusted
PILE_SAMPLE_AREA_COND	COND_DWM_CALC	72	Condition area sampled for piles
PILE_SAMPLE_AREA_UNAJ	COND_DWM_CALC	73	Plot area sampled for piles, in all conditions, unadjusted
PILE_VOLCF_ADJ	COND_DWM_CALC	77	Cubic foot volume per acre of piles, for population estimates, adjusted
PILE_VOLCG_COND	COND_DWM_CALC	75	Cubic foot volume per acre of piles in the condition
PILE_VOLCF_UNADJ	COND_DWM_CALC	76	Cubic foot volume per acre of piles, for population estimates, unadjusted
PILESCD	DWM_FINE_WOODY DEBRIS	15	Piles code
PLANT_STOCKABILITY_FACTOR_PNW	COND	83	Plant stockability factor, Pacific Northwest Research Station
PLOT	BOUNDARY	7	Phase 2 Plot number
PLOT	COND	7	Phase 2 Plot number
PLOT	COND_DWM_CALC	4	Phase 2 Plot number
PLOT	DWM_COARSE_WOODY_DEBRIS	6	Phase 2 Plot number
PLOT	DWM_DUFF_LITTER_FUEL	6	Phase 2 plot number
PLOT	DWM_FINE_WOODY DEBRIS	6	Phase 2 Plot number
PLOT	DWM_MICROPLOT_FUEL	6	Phase 2 plot number
PLOT	DWM_RESIDUAL_PILE	6	Phase 2 Plot number
PLOT	DWM_TRANSECT_SEGMENT	6	Phase 2 Plot number
PLOT	DWM_VISIT	6	Phase 2 Plot number
PLOT	INVASIVE_SUBPLOT_SPP	7	Phase 2 Plot number
PLOT	P2VEG_SUBP_STRUCTURE	7	Phase 2 Plot number
PLOT	P2VEG_SUBPLOT_SPP	7	Phase 2 Plot number
PLOT (1.3)	PLOT	9	Phase 2 Plot number
PLOT	PLOTGEOM	6	Phase 2 Plot number
PLOT	PLOTSNAP	9	Phase 2 Plot number
PLOT	POP_PLOT_STRATUM_ASSGN	8	Phase 2 Plot number
PLOT	SEEDLING	7	Phase 2 Plot number
PLOT	SITETREE	8	Phase 2 Plot number
PLOT	SUBPLOT	8	Phase 2 Plot number
PLOT	SUBP_COND	7	Phase 2 Plot number
PLOT	TREE	8	Phase 2 Plot number
PLOT_NONSAMPLE_REASN_CD (1.5)	PLOT	11	Plot nonsampled reason code

Column name with (field guide section)	Table name	Location in table	Description
PLOT_NONSAMPLE_REASN_CD	PLOTSNAP	11	Plot nonsampled reason code
PLOT_STATUS_CD (1.4)	PLOT	10	Plot status code
PLOT_STATUS_CD	PLOTSNAP	10	Plot status code
PLT_CN	BOUNDARY	2	Plot sequence number
PLT_CN	COND	2	Plot sequence number
PLT_CN	COND_DWM_CALC	9	Plot sequence number
PLT_CN	DWM_COARSE_WOODY_DEBRIS	2	Plot sequence number
PLT_CN	DWM_DUFF_LITTER_FUEL	2	Plot sequence number
PLT_CN	DWM_FINE_WOODY_DEBRIS	2	Plot sequence number
PLT_CN	DWM_MICROPLOT_FUEL	2	Plot sequence number
PLT_CN	DWM_RESIDUAL_PILE	2	Plot sequence number
PLT_CN	DWM_TRANSECT_SEGMENT	2	Plot sequence number
PLT_CN	DWM_VISIT	2	Plot sequence number
PLT_CN	INVASIVE_SUBPLOT_SPP	2	Plot sequence number
PLT_CN	P2VEG_SUBP_STRUCTURE	2	Plot sequence number
PLT_CN	P2VEG_SUBPLOT_SPP	2	Plot sequence number
PLT_CN	POP_PLOT_STRATUM_ASSGN	3	Plot sequence number
PLT_CN	SEEDLING	2	Plot sequence number
PLT_CN	SITETREE	2	Plot sequence number
PLT_CN	SUBPLOT	2	Plot sequence number
PLT_CN	SUBP_COND	2	Plot sequence number
PLT_CN	SUBP_COND_CHNG_MTRX	5	Plot sequence number
PLT_CN	TREE	2	Plot sequence number
PLT_CN	TREE_GRM_ESTN	4	Plot sequence number
POINT_NONSAMPLE_REASN_CD (3.3)	SUBPLOT	11	Point nonsampled reason code
PPA_COND	DWM_RESIDUAL_PILE	25	Piles per acre, unadjusted, for condition estimates
PPA_PLOT	DWM_RESIDUAL_PILE	24	Piles per acre, unadjusted, for plot estimates
PPA_UNADJ	DWM_RESIDUAL_PILE	23	Piles per acre, unadjusted, for population estimates
PRESNFCD	COND	50	Present nonforest code
PREV_PLT_CN	PLOT	4	Previous plot sequence number
PREV_PLT_CN	PLOTSNAP	4	Previous plot sequence number
PREV_PLT_CN	SUBP_COND_CHNG_MTRX	7	Previous plot sequence number
PREV_PNTN_SRS	TREE	142	Previous periodic prism point, tree number, Southern Research Station
PREV_SBP_CN	SUBPLOT	3	Previous subplot sequence number
PREV_SIT_CN	SITETREE	3	Previous site tree sequence number
PREV_STATUS_CD (5.6)	TREE	109	Previous tree status code
PREV_TRE_CN	TREE	3	Previous tree sequence number
PREV_WDLDSTEM (5.10)	TREE	110	Previous woodland tree species stem count

Column name with (field guide section)	Table name	Location in table	Description
PREVCOND	SUBP_COND_CHNG_MTRX	8	Previous condition class number
PREVCOND	TREE	14	Previous condition class number
PREVDIA (5.9.1)	TREE	93	Previous diameter
PROP_BASIS	COND	28	Proportion basis
PUB_CD	REF_HABTYP_DESCRIPTION	3	Publication code
PUB_CD	REF_HABTYP_PUBLICATION	2	Publication code
QASTATCD	DWM_VISIT	10	Quality assurance status code
QA_STATUS (1.17)	PLOT	32	Quality assurance status
QA_STATUS	PLOTSNAP	32	Quality assurance status
QUADRINOMIAL_AUTHOR	REF_PLANT_DICTIONARY	18	Quadrinomial author
R	TREE_GRM_ESTN	36	Reversion
RAILE_STUMP_DIB_B1	REF_SPECIES	60	Raile stump diameter inside bark equation coefficient B1
RAILE_STUMP_DIB_B2	REF_SPECIES	61	Raile stump diameter inside bark equation coefficient B2
RAILE_STUMP_DOB_B1	REF_SPECIES	59	Raile stump diameter outside bark equation coefficient B1
RDDISTCD (1.15)	PLOT	18	Horizontal distance to improved road code
RDDISTCD	PLOTSNAP	18	Horizontal distance to improved road code
RECONCILECD (5.7.1)	TREE	92	Reconcile code
REGION	REF_SPECIES_GROUP	3	Region
REGIONAL_DRYBIOM	TREE_REGIONAL_BIOMASS	4	Regional merchantable stem biomass oven-dry weight
REGIONAL_DRYBIOT	TREE_REGIONAL_BIOMASS	3	Regional total live tree biomass oven-dry weight
REMOVALS	TREE_GRM_ESTN	17	Removal estimate
REMPER	PLOT	15	Remeasurement period
REMPER	PLOTSNAP	15	Remeasurement period
REMPER	TREE_GRM_ESTN	12	Remeasurement period
REMVBFSL	TREE	52	Board-foot volume of a sawtimber size tree on timberland for removal purposes
REMVCFAL	TREE	53	Sound cubic-foot volume of a tree on timberland for removal purposes
REMVCFGS	TREE	51	Cubic-foot volume of a growing-stock tree on timberland for removal purposes
REPORT_YEAR_NM	POP_EVAL	8	Report year name
RESERVCD (2.5.1)	COND	11	Reserved status code
RESERVCD_FLD	COND	103	Reserve code field
ROADLESSCD	PLOTGEOM	14	Roadless code

Column name with (field guide section)	Table name	Location in table	Description
ROOT_DIS_SEV_CD_PNWRS	SUBPLOT	28	Root disease severity rating code, Pacific Northwest Research Station
ROUGHULL (5.25)	TREE	89	Rough cull percentage
RSCD	COND_DWM_CALC	106	Region or Station code
RSCD	POP_ESTN_UNIT	3	Region or Station code
RSCD	POP_EVAL	3	Region or Station code
RSCD	POP_EVAL_GRP	2	Region or Station code
RSCD	POP_PLOT_STRATUM_ASSGN	9	Region or Station code
RSCD	POP_STRATUM	3	Region or Station code
RSCD	SURVEY	7	Region or Station code
RSNCTCD	DWM_FINE_WOODY DEBRIS	14	Reason count code
SALVCD	TREE	56	Salvable dead code
SAMP_METHOD_CD	PLOT	42	Sample method code
SAMP_METHOD_CD	PLOTSNAP	42	Sample method code
SAWHT	TREE	75	Sawlog height
SCIENTIFIC_NAME	REF_HABTYP_DESCRIPTION	4	Scientific name
SCIENTIFIC_NAME	REF_PLANT_DICTIONARY	4	Scientific name
SCIENTIFIC_NAME_W_AUTHOR	REF_PLANT_DICTIONARY	15	Scientific name with author
SEGMNT	DWM_TRANSECT_SEGMENT	9	Segment number
SEVERITY1_CD_PNWRS	TREE	133	Damage severity 1, Pacific Northwest Research Station, for years 2001-2004
SEVERITY1A_CD_PNWRS	TREE	134	Damage Severity 1, Pacific Northwest Research Station
SEVERITY1B_CD_PNWRS	TREE	135	Damage severity B, Pacific Northwest Research Station
SEVERITY2_CD_PNWRS	TREE	136	Damage severity 2, Pacific Northwest Research Station, for years 2001-2004
SEVERITY2A_CD_PNWRS	TREE	137	Damage severity 2A, Pacific Northwest Research Station, starting in 2005
SEVERITY2B_CD_PNWRS	TREE	138	Damage severity in 2B, Pacific Northwest Research Station, starting in 2005
SEVERITY3_CD_PNWRS	TREE	139	Damage severity 3, Pacific Northwest Research Station, for years 2001-2004
SFTWD_HRDWD	REF_SPECIES	21	Softwood or hardwood
SHAPECD	DWM_RESIDUAL_PILE	11	Shape code
SHRUB_VINE_COVER_PCT_AERIAL (8.5.15)	P2VEG_SUBP_STRUCTURE	24	Shrub and vine cover percent, aerial view
SHRUB_VINE_COVER_PCT_LAYER1 (8.5.11)	P2VEG_SUBP_STRUCTURE	20	Shrub and vine cover percent, layer 1

Column name with (field guide section)	Table name	Location in table	Description
SHRUB_VINE_COVER_PCT_LAYER2 (8.5.12)	P2VEG_SUBP_STRUCTURE	21	Shrub and vine cover percent, layer 2
SHRUB_VINE_COVER_PCT_LAYER3 (8.5.13)	P2VEG_SUBP_STRUCTURE	22	Shrub and vine cover percent, layer 3
SHRUB_VINE_COVER_PCT_LAYER4 (8.5.14)	P2VEG_SUBP_STRUCTURE	23	Shrub and vine cover percent, layer 4
SIBASE	COND	24	Site index base age
SIBASE	SITETREE	17	Site index base age
SICOND	COND	23	Site index for the condition
SISP	COND	25	Site index species code
SITECL_METHOD	COND	66	Site class method
SITECLCD	COND	22	Site productivity class code
SITECLCDEST	COND	64	Site productivity class code estimated
SITETREE	REF_SPECIES	20	Site tree
SITETREE_TREE	COND	65	Site tree tree number
SITREE	SITETREE	16	Site index for the tree
SITREE	TREE	80	Calculated site index
SITREE_EST	SITETREE	22	Estimated site index for the tree
SLOPE	COND	33	Slope
SLOPE	DWM_TRANSECT_SEGMENT	14	Percent slope
SLOPE (3.8)	SUBPLOT	16	Subplot slope
SLOPE_BEGNDIST	DWM_TRANSECT_SEGMENT	12	Beginning slope distance
SLOPE_ENDDIST	DWM_TRANSECT_SEGMENT	13	Ending slope distance
SLOPDIST	DWM_COARSE_WOODY_DEBRIS	12	Slope distance
SMALL_TL_COND	DWM_FINE_WOODY DEBRIS	16	Small-size class transect length in condition
SMALL_TL_PLOT	DWM_FINE_WOODY DEBRIS	17	Small-size class transect length on plot
SMALL_TL_UNADJ	DWM_FINE_WOODY DEBRIS	18	Small-size class transect length on plot, unadjusted
SMALLCT	DWM_FINE_WOODY DEBRIS	11	Small-size class count
SMALLDIA	DWM_COARSE_WOODY_DEBRIS	17	Small diameter
SMPKND	DWM_VISIT	12	Sample kind code
SMPLCD	DWM_DUFF_LITTER_FUEL	11	Sampled code
SMPLOCD	DWM_DUFF_LITTER_FUEL	9	Sample location code
SOIL_ROOTING_DEPTH_PNW	COND	81	Soil rooting depth code, Pacific Northwest Research Station
SPCD	DWM_COARSE_WOODY_DEBRIS	14	Species code
SPCD	REF_SPECIES	1	Species code
SPCD (6.2)	SEEDLING	10	Species code
SPCD (7.2.2)	SITETREE	11	Species code
SPCD (5.8)	TREE	16	Species code
SPECIES	REF_PLANT_DICTIONARY	22	Species
SPECIES	REF_SPECIES	4	Species name
SPECIES_SYMBOL	REF_SPECIES	7	Species symbol
SPGRPCD	REF_SPECIES_GROUP	1	Species group code
SPGRPCD	SEEDLING	11	Species group code

Column name with (field guide section)	Table name	Location in table	Description
SPGRPCD	SITETREE	15	Species group code
SPGRPCD	TREE	17	Species group code
SRV_CN	PLOT	2	Survey sequence number
SRV_CN	PLOTSNAP	2	Survey sequence number
SSP	REF_PLANT_DICTIONARY	23	Subspecies indicator "ssp"
ST_EXISTS_IN_NCRS	REF_SPECIES	22	Site tree exists in the North Central Research Station region
ST_EXISTS_IN_NERS	REF_SPECIES	23	Site tree exists in the Northeastern Research Station region
ST_EXISTS_IN_PNWR	REF_SPECIES	24	Site tree exists in the Pacific Northwest Research Station region
ST_EXISTS_IN_RMRS	REF_SPECIES	25	Site tree exists in the Rocky Mountain Research Station region
ST_EXISTS_IN_SRS	REF_SPECIES	26	Site tree exists in the Southern Research Station region
STAND_STRUCTURE_SRS	COND	94	Stand structure, Southern Research Station
STANDING_DEAD_CD (5.7.2)	TREE	108	Standing dead code
STANDING_DEAD_DECAY_RATIO1	REF_SPECIES	68	Standing dead decay ratio 1
STANDING_DEAD_DECAY_RATIO2	REF_SPECIES	69	Standing dead decay ratio 2
STANDING_DEAD_DECAY_RATIO3	REF_SPECIES	70	Standing dead decay ratio 3
STANDING_DEAD_DECAY_RATIO4	REF_SPECIES	71	Standing dead decay ratio 4
STANDING_DEAD_DECAY_RATIO5	REF_SPECIES	72	Standing dead decay ratio 5
START_DATE	REF_INVASIVE_SPECIES	6	Start date
START_INVYR	POP_EVAL	9	Start inventory year
STATEAB	SURVEY	5	State abbreviation
STATE_AND_PROVINCE	REF_PLANT_DICTIONARY	14	State and province
STATE_DISTRIBUTION	REF_PLANT_DICTIONARY	13	State distribution
STATECD	BOUNDARY	4	State code
STATECD	COND	4	State code
STATECD	COND_DWM_CALC	2	State code
STATECD	COUNTY	1	State code
STATECD	DWM_COARSE_WOODY_DEBRIS	4	State code
STATECD	DWM_DUFF_LITTER_FUEL	4	State code
STATECD	DWM_FINE_WOODY_DEBRIS	4	State code
STATECD	DWM_MICROPLOT_FUEL	4	State code
STATECD	DWM_RESIDUAL_PILE	4	State code
STATECD	DWM_TRANSECT_SEGMENT	4	State code
STATECD	DWM_VISIT	4	State code
STATECD	INVASIVE_SUBPLOT_SPP	4	State code
STATECD	P2VEG_SUBP_STRUCTURE	4	State code
STATECD	P2VEG_SUBPLOT_SPP	4	State code
STATECD (1.1)	PLOT	6	State code

Column name with (field guide section)	Table name	Location in table	Description
STATECD	PLOTGEOM	2	State code
STATECD	PLOTSNAP	6	State code
STATECD	POP_ESTN_UNIT	7	State code
STATECD	POP_EVAL	6	State code
STATECD	POP_EVAL_ATTRIBUTE	4	State code
STATECD	POP_EVAL_GRP	5	State code
STATECD	POP_EVAL_TYP	4	State code
STATECD	POP_PLOT_STRATUM_ASSGN	4	State code
STATECD	POP_STRATUM	8	State code
STATECD	REF_INVASIVE_SPECIES	2	State code
STATECD	REF_STATE_ELEV	1	State code
STATECD	REF_UNIT	1	State code
STATECD	SEEDLING	4	State code
STATECD	SITETREE	5	State code
STATECD	SUBPLOT	5	State code
STATECD	SUBP_COND	4	State code
STATECD	SUBP_COND_CHNG_MTRX	2	State code
STATECD	SURVEY	4	State code
STATECD	TREE	5	State code
STATECD	TREE_GRM_ESTN	2	State code
STATECD	TREE_REGIONAL_BIOMASS	2	State code
STATENM	SURVEY	6	State name
STATUSCD	TREE	15	Status code
STDAGE (2.5.10)	COND	19	Stand age
STDORGCD	COND	26	Stand origin code
STDORGSP	COND	27	Stand origin species code
STDSZCD	COND	20	Stand-size class code derived by algorithm
STND_COND_CD_PNWRS	COND	84	Stand condition code, Pacific Northwest Research Station
STND_STRUC_CD_PNWRS	COND	85	Stand structure code, Pacific Northwest Research Station
STOCKING	SEEDLING	12	Tree stocking
STOCKING	TREE	36	Tree stocking
STOCKING_SPGRPCD	REF_SPECIES	13	Stocking species group code
STRATUM_CN	COND_DWM_CALC	11	Stratum sequence number
STRATUM_CN	POP_PLOT_STRATUM_ASSGN	2	Stratum sequence number
STRATUM_DESCR	POP_STRATUM	7	Stratum description
STRATUMCD	POP_PLOT_STRATUM_ASSGN	12	Stratum code
STRATUMCD	POP_STRATUM	6	Stratum code
STUMP_CD_PNWRS	COND	86	Stump code, Pacific Northwest Research Station
SUBCYCLE	BOUNDARY	17	Inventory subcycle number
SUBCYCLE	COND	80	Inventory subcycle number
SUBCYCLE	COND_DWM_CALC	104	Inventory subcycle number
SUBCYCLE	INVASIVE_SUBPLOT_SPP	20	Inventory subcycle number
SUBCYCLE	P2VEG_SUBP_STRUCTURE	42	Inventory subcycle number
SUBCYCLE	P2VEG_SUBPLOT_SPP	23	Inventory subcycle number
SUBCYCLE	PLOT	47	Inventory subcycle number
SUBCYCLE	PLOTSNAP	47	Inventory subcycle number

Column name with (field guide section)	Table name	Location in table	Description
SUBCYCLE	SEEDLING	24	Inventory subcycle number
SUBCYCLE	SITETREE	32	Inventory subcycle number
SUBCYCLE	SUBPLOT	27	Inventory subcycle number
SUBCYCLE	SUBP_COND	22	Inventory subcycle number
SUBCYCLE	SURVEY	17	Inventory subcycle number
SUBCYCLE	TREE	124	Inventory subcycle number
SUBP (4.2.1)	BOUNDARY	8	Subplot number
SUBP	DWM_COARSE_WOODY_DEBRIS	7	Subplot number
SUBP	DWM_DUFF_LITTER_FUEL	8	Subplot number
SUBP	DWM_FINE_WOODY_DEBRIS	8	Subplot number
SUBP	DWM_MICROPLOT_FUEL	7	Subplot number
SUBP	DWM_RESIDUAL_PILE	7	Subplot number
SUBP	DWM_TRANSECT_SEGMENT	7	Subplot number
SUBP (9.4)	INVASIVE_SUBPLOT_SPP	8	Subplot number
SUBP (8.4.1)	P2VEG_SUBP_STRUCTURE	8	Subplot number
SUBP	P2VEG_SUBPLOT_SPP	8	Subplot number
SUBP (6.1)	SEEDLING	8	Subplot number
SUBP (7.2.7)	SITETREE	18	Subplot number
SUBP (3.1)	SUBPLOT	9	Subplot number
SUBP	SUBP_COND	8	Subplot number
SUBP	SUBP_COND_CHNG_MTRX	3	Subplot number
SUBP (5.1)	TREE	9	Subplot number
SUBP_EXAMINE_CD (1.9)	PLOT	43	Subplots examined code
SUBP_EXAMINE_CD	PLOTSNAP	43	Subplots examined code
SUBP_STATUS_CD (3.2)	SUBPLOT	10	Subplot status code
SUBPANEL	PLOT	30	Subpanel
SUBPANEL	PLOTSNAP	30	Subpanel
SUBPCOND (3.6)	SUBPLOT	13	Subplot center condition
SUBPCOND_PROP	SUBP_COND	17	Proportion of this subplot in this condition
SUBPPROP_UNADJ	COND	31	Subplot proportion unadjusted
SUBPTYP (4.2.2)	BOUNDARY	9	Subplot type code
SUBPTYP	SUBP_COND_CHNG_MTRX	4	Subplot type code
SUBTYP_GRM	TREE_GRM_ESTN	11	Subplot type used for GRM estimation
SUBPTYP_PROP_CHNG	SUBP_COND_CHNG_MTRX	9	Percent change of subplot condition between previous to current inventory
SUBSPECIES	REF_PLANT_DICTIONARY	25	Subspecies
SUBSPECIES	REF_SPECIES	6	Subspecies name
SUBVAR	REF_PLANT_DICTIONARY	29	Subspecies indicator "subvar"
SUBVARIETY	REF_PLANT_DICTIONARY	30	Subvariety
SYMBOL	REF_INVASIVE_SPECIES	3	Symbol
SYMBOL	REF_PLANT_DICTIONARY	3	Symbol
SYMBOL_TYPE	REF_PLANT_DICTIONARY	2	Symbol type
TITLE	REF_HABTYP_PUBLICATION	3	Title of publication
TIMBERLAND	REF_POP_ATTRIBUTE	4	Timberland
TIMBERLAND_ONLY	POP_EVAL	12	Timberland only

Column name with (field guide section)	Table name	Location in table	Description
TOPO_POSITION_PNW	PLOT	49	Topographic position, Pacific Northwest Research Station
TOPO_POSITION_PNW	PLOTSNAP	49	Topographic position, Pacific Northwest Research Station
TOTAGE	SEEDLING	14	Total age of seedling
TOTAGE	TREE	67	Total tree age
TPA_UNADJ	SEEDLING	22	Trees per acre unadjusted
TPA_UNADJ	TREE	111	Trees per acre unadjusted
TPAGROW_UNADJ	TREE	114	Growth trees per acre unadjusted for denied access, hazardous, out of sample conditions
TPAGROW_UNADJ	TREE_GRM_ESTN	13	Growth trees per acre unadjusted
TPAMORT_UNADJ	TREE	112	Mortality trees per acre per year unadjusted for denied access, hazardous, out of sample conditions
TPAMORT_UNADJ	TREE_GRM_ESTN	15	Mortality trees per acre per year unadjusted
TPAREMV_UNADJ	TREE	113	Removal trees per acre per year unadjusted for denied access, hazardous, out of sample conditions
TPREMV_UNADJ	TREE_GRM_ESTN	14	Removal trees per acre per year unadjusted
TRANSCD (12.11)	TREE	63	Foliage transparency code
TRANSDIA	DWM_COARSE_WOODY_DEBRIS	16	Transect diameter
TRANSECT	DWM_COARSE_WOODY_DEBRIS	8	Transect
TRANSECT	DWM_FINE_WOODY DEBRIS	7	Transect
TRANSECT	DWM_DUFF_LITTER_FUEL	7	Transect
TRANSECT	DWM_TRANSECT_SEGMENT	8	Transect code
TRE_CN	TREE_GRM_ESTN	5	Tree sequence number
TRE_CN	TREE_REGIONAL_BIOMASS	1	Tree sequence number
TREE	SITETREE	10	Tree number
TREE (5.2)	TREE	10	Tree record number
TREE_COVER_PCT_AERIAL (8.5.5)	P2VEG_SUBP_STRUCTURE	14	Tree cover percent, aerial view
TREE_COVER_PCT_LAYER1 (8.5.1)	P2VEG_SUBP_STRUCTURE	10	Tree cover percent, layer 1
TREE_COVER_PCT_LAYER2 (8.5.2)	P2VEG_SUBP_STRUCTURE	11	Tree cover percent, layer 2
TREE_COVER_PCT_LAYER3 (8.5.3)	P2VEG_SUBP_STRUCTURE	12	Tree cover percent, layer 3
TREE_COVER_PCT_LAYER4 (8.5.4)	P2VEG_SUBP_STRUCTURE	13	Tree cover percent, layer 4
TREECLCD	TREE	23	Tree class code
TREECLCD_NCRS	TREE	106	Tree class code, North Central Research Station

Column name with (field guide section)	Table name	Location in table	Description
TREECLCD_NERS	TREE	104	Tree class code, Northeastern Research Station
TREECLCD_RMRS	TREE	107	Tree class code, Rocky Mountain Research Station
TREECLCD_SRS	TREE	105	Tree class code, Southern Research Station
TREECOUNT (6.4)	SEEDLING	13	Tree count for seedlings
TREECOUNT_CALC	SEEDLING	21	Tree count used in calculations
TREEGRCD	TREE	26	Tree grade code
TREEHISTCD	TREE	64	Tree history code
TRINOMIAL_AUTHOR	REF_PLANT_DICTIONARY	17	Trinomial author
TRTCD1 (2.5.17)	COND	44	Stand Treatment 1 code
TRTCD2 (2.5.19)	COND	46	Stand treatment 2 code
TRTCD3 (2.5.21)	COND	48	Stand Treatment 3 code
TRTYR1 (2.5.18)	COND	45	Treatment year 1
TRTYR2 (2.5.20)	COND	47	Treatment year 2
TRTYR3 2.5.22)	COND	49	Treatment year 3
TYPE	REF_HABTYP_PUBLICATION	5	Type of publication
TYPGRPCD	REF_FOREST_TYPE	3	Forest type group code
UNCRCD (5.18, 12.5)	TREE	57	Uncompacted live crown ratio
UNIQUE_SP_NBR (9,10)	INVASIVE_SUBPLOT_SPP	10	Unique species number
UNIQUE_SP_NBR (8.6.3)	P2VEG_SUBPLOT_SPP	11	Unique species number
UNITCD	BOUNDARY	5	Survey unit code
UNITCD	COND	5	Survey unit code
UNITCD	COND_DWM_CALC	105	Survey unit code
UNITCD	COUNTY	2	Survey unit code
UNITCD	INVASIVE_SUBPLOT_SPP	5	Survey unit code
UNITCD	P2VEG_SUBP_STRUCTURE	5	Survey unit code
UNITCD	P2VEG_SUBPLOT_SPP	5	Survey unit code
UNITCD	PLOT	7	Survey unit code
UNITCD	PLOTGEOM	4	Survey unit code
UNITCD	PLOTSNAP	7	Survey unit code
UNITCD	POP_PLOT_STRATUM_ASSGN	6	Survey unit code
UNITCD	SEEDLING	5	Survey unit code
UNITCD	SITETREE	6	Survey unit code
UNITCD	SUBPLOT	6	Survey unit code
UNITCD	SUBP_COND	5	Survey unit code
UNITCD	TREE	6	Survey unit code
UNITCD_LIST	REF_INVASIVE_SPECIES	5	Unit code list
UNKNOWN_DAMTYP1_PNWRS	TREE	140	Unknown damage type 1, Pacific Northwest Research Station
UNKNOWN_DAMTYP2_PNWRS	TREE	141	Unknown damage type 2, Pacific Northwest Research Station
US_NATIVITY	REF_PLANT_DICTIONARY	12	United States nativity
VALID	REF_HABTYP_DESCRIPTION	6	Valid
VALID	REF_HABTYP_PUBLICATION	6	Valid
VALIDCD	SITETREE	23	Validity code
VALUE	REF_FOREST_TYPE	1	Value
VALUE	REF_FOREST_TYPE_GROUP	1	Value

Column name with (field guide section)	Table name	Location in table	Description
VALUE	REF_UNIT	2	Value
VAR	REF_PLANT_DICTIONARY	26	Variety indicator “var”
VARIETY	REF_PLANT_DICTIONARY	28	Variety
VARIETY	REF_SPECIES	5	Variety
VEG_FLDSPCD	INVASIVE_SUBPLOT_SPP	10	Vegetation field species code
VEG_FLDSPCD	P2VEG_SUBPLOT_SPP	10	Vegetation field species code
VEG_SPCD (9.9)	INVASIVE_SUBPLOT_SPP	11	Vegetation species code
VEG_SPCD (8.6.2)	P2VEG_SUBPLOT_SPP	12	Vegetation species code
VERSION	REF_FIADB_VERSION	1	Version number
VOL_LOC_GRP	COND	63	Volume location group
VOLBFGRS	TREE	43	Gross board-foot volume in the sawlog portion
VOLBFNET	TREE	42	Net board-foot volume in the sawlog portion
VOLCF	DWM_COARSE_WOODY_DEBRIS	22	Cubic foot volume of coarse woody debris piece
VOLCF	DWM_RESIDUAL_PILE	20	Gross cubic foot volume
VOLCFGRS	TREE	39	Gross cubic-foot volume
VOLCFNET	TREE	38	Net cubic-foot volume
VOLCFSND	TREE	44	Sound cubic-foot volume
VOLCSGRS	TREE	41	Gross cubic-foot volume in the sawlog portion
VOLCSNET	TREE	40	Net cubic-foot volume in the sawlog portion
W_SPGRPCD	REF_SPECIES	9	West species group code
WATERCD (1.16)	PLOT	19	Water on plot code
WATERCD	PLOTSNAP	19	Water on plot code
WATERDEP (3.10)	SUBPLOT	18	Water or snow depth
WDLDSTEM (5.11)	TREE	37	Woodland tree species current stem count
WEST	REF_SPECIES	29	West
WHERE_CLAUSE	REF_POP_ATTRIBUTE	7	Part of the where clause
WIDTH1	DWM_RESIDUAL_PILE	15	Width first measurement
WISTH2	DWM_RESIDUAL_PILE	18	Width second measurement
WOOD_SPGR_GREENVOL_DRYWT	REF_SPECIES	47	Green specific gravity wood (green volume and oven-dry weight)
WOOD_SPGR_GREENVOL_DRYWT_CIT	REF_SPECIES	48	Green specific gravity wood citation
WOOD_SPGR_MC12VOL_DRYWT	REF_SPECIES	55	Wood specific gravity (12 percent moisture content volume and oven-dry weight)
WOOD_SPGR_MC12VOL_DRYWT_CIT	REF_SPECIES	56	Wood specific gravity (12 percent moisture content volume and oven-dry weight) citation
WOODLAND	REF_SPECIES	32	Woodland species
XGENUS	REF_PLANT_DICTIONARY	19	Cross genus
XSPECIES	REF_PLANT_DICTIONARY	21	Cross species
XSUBSPECIES	REF_PLANT_DICTIONARY	24	Cross subspecies
XVARIETY	REF_PLANT_DICTIONARY	27	Cross variety

Appendix B. Forest Inventory and Analysis (FIA) Plot Design Codes and Definitions by FIA Work Unit

FIA work unit	Plot design code (DESIGNCD)	Definition
^a NRS-NE, ^b NRS-NC, ^c SRS, ^d RMRS, ^e PNWRS	1	National plot design consists of four 24-foot fixed-radius subplots for trees ≥ 5 inches DBH, and four 6.8-foot fixed-radius microplots for seedlings and trees ≥ 1 and < 5 inches DBH. Subplot 1 is the center plot, and subplots 2, 3, and 4 are located 120.0 feet, horizontal, at azimuths of 360, 120, and 240, respectively. The microplot center is 12 feet east of the subplot center. Four 58.9-foot fixed-radius macroplots are optional. A plot may sample more than one condition. When multiple conditions are encountered, condition boundaries are delineated (mapped).
^a NRS-NE	101	Various plot designs. Converted from Eastwide Database format, some fields may be null.
	111	Four-subplot design similar to DESIGNCD 1, except the microplot for seedlings is 1/1000 acre (3.7-foot radius). If the plot is used for growth estimates, it is overlaid on a 5 subplot design, where remeasurement of trees (≥ 5 inches) is on subplot 1 only. Poletimber-sized trees remeasured on a 24-foot radius plot, sawtimber-sized trees remeasured on a 49-foot radius plot. If the plot is not used for growth estimates, it is an initial plot establishment.
	112	DESIGNCD 111, except that if the plot is used for growth estimates, the remeasurement of trees (≥ 5 inches) is on the 24-foot-radius subplot 1 only, regardless of tree size or previous plot size or type (varied).
	113	DESIGNCD 111, except that if the plot is used for growth estimates, the remeasurement of trees (≥ 5 inches) is on the 24-foot-radius subplot 1 only, regardless of tree size or previous plot size or type (single subplot 1/5 acre).
	115	DESIGNCD 1. Overlaid on a FHM 4-subplot plot design. These plots are not used in change estimates.
	116	DESIGNCD 1. Overlaid on 1/5 acre plot for all trees ≥ 5 inches DBH (1/5 acre plot was an initial measurement). Remeasurement of subplot 1 is only on the 24-foot-radius plot for all trees (≥ 5 inches), regardless of tree size or previous plot size.
	117	DESIGNCD 1. Overlaid on 1/5 acre plot for all trees ≥ 5 inches DBH (1/5 acre plot was remeasurement). Remeasurement of subplot 1 is only on the 24-foot-radius plot for all trees (≥ 5 inches), regardless of tree size or previous plot size.
	118	DESIGNCD 1. Overlaid on 10-subplot, variable-radius design. Remeasurement of trees (≥ 5 inches) on 5 of the 10 subplots; ingrowth based on trees (≥ 5 inches) that grew onto five 6.8-foot radius subplots.
^b NRS-NC	301	Various plot designs. Converted from Eastwide Database format, some fields may be null.
	311	Four-subplot design similar to DESIGNCD 1, except the 1/24 acre and 1/300 acre plots have common centers. Conditions are mapped and boundaries may be within the plots.
	312	DESIGNCD 1. Initial plot establishment.
	313	DESIGNCD 311. Overlaid on previous plots, no remeasurements.
	314	DESIGNCD 1. Overlaid on previous plots, no remeasurements.
	315	DESIGNCD 311. Overlaid on same design. Only trees ≥ 5 inches DBH are remeasured.
	316	DESIGNCD 1. Overlaid on DESIGNCD 311 Only trees ≥ 5 inches DBH are remeasured.

FIA work unit	Plot design code (DESIGNCD)	Definition
	317	DESIGNCD 1. Overlaid on DESIGNCD 326. Only the first 5 points (trees ≥ 5 inches DBH) and first 3, 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured, but conditions were not re-mapped.
	318	DESIGNCD 311. Overlaid on DESIGNCD 325. Only the first 5 points (trees ≥ 5 inches DBH) and first 3, 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	319	DESIGNCD 1. Overlaid on DESIGNCD 325. Only the first 5 points (trees ≥ 5 inches DBH) and first 3, 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	320	DESIGNCD 311. Overlaid on modified DESIGNCD 325. Only the first 5 points (trees ≥ 5 inches DBH) and first 3 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	321	DESIGNCD 1. Overlaid on modified DESIGNCD 325. Only the first 5 points (trees ≥ 5 inches DBH) and first 3 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	322	DESIGNCD 311. Overlaid on DESIGNCD 327. Only the first 5 points (trees ≥ 5 inches DBH) and first 3, 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	323	DESIGNCD 1. Overlaid on DESIGNCD 327. Only the first 5 points (trees ≥ 5 inches DBH) and first 3 1/300 acre plots (trees ≥ 1 and < 5 inches DBH) are remeasured.
	325	Ten variable-radius, 37.5 BAF points, 70 feet apart, for trees ≥ 5 inches DBH and 10, 1/300 acre plots for seedlings and trees ≥ 1 and < 5 inches DBH. Point and plot center were coincident. Conditions were not mapped. Instead, points were rotated into forest or nonforest based on the condition at point center.
	326	Ten variable-radius, 37.5 BAF points, 70 feet apart, for trees ≥ 5 and < 17.0 inches DBH, 10 1/24 acre plots for trees ≥ 17.0 inches DBH, and 10, 1/300 acre plots for seedlings and trees ≥ 1 and < 5 inches DBH. Point and plot center were coincident. Conditions were mapped.
	327	Ten variable-radius, 37.5 BAF points, 70 feet apart, for trees ≥ 5 inches DBH and 10, 1/300 acre plots for seedlings and trees ≥ 1 and < 5 inches DBH. Point and plot center were coincident. Conditions were not mapped. Instead, points were rotated into forest or nonforest based on the condition at point center. Diameters were estimated with a model, but all dead and cut trees were recorded.
	328	DESIGNCD 1. Overlaid on DESIGNCD 311. All trees and saplings are remeasured.
^c SRS	210	Other plot design installed by previous research stations within the 13-State Southern area not described by DESIGNCD 211-219.
	211	Ten variable-radius, 37.5 BAF points, 70 feet apart. Remeasure first 3 points of same design or new/replacement plot.
	212	Five variable-radius, 37.5 BAF points, 70 feet apart. Remeasure first 5 points of DESIGNCD 211 or new/replacement plot.
	213	Five variable-radius, 37.5 BAF points, 70 feet apart. Remeasure DESIGNCD 212.
	214	Ten variable-radius, 37.5 BAF points, 66 feet apart. Remeasure same design or new/replacement plot.
	215	Five variable-radius, 37.5 BAF points, 66 feet apart. Remeasure first 5 points of DESIGNCD 214 or new/replacement plot.
	216	Ten variable-radius, 37.5 BAF points, 66 feet apart. Remeasure DESIGNCD 215.

FIA work unit	Plot design code (DESIGNCD)	Definition
	217	Five point cluster plot, point 1 is 1/5th acre sawtimber plot and 1/10th acre poletimber plot, points 2-5 are 37.5 BAF prism points. No remeasurement.
	218	Remeasurement of DESIGNCD 217, point 1 only. Used only for change estimates.
	219	Three point, 2.5 BAF metric prism plot, points 25 meters apart. Remeasure same design or new/replacement plot.
	220	Four 1/24 acre plots for trees ≥ 5 inches DBH and 4, 1/300 acre plots for seedlings and trees ≥ 1 and < 5 inches DBH. The 1/24 acre and 1/300 acre plots have common centers. Conditions are mapped and boundaries may be within the plots. Remeasurement plot not described by 221-229.
	221	DESIGNCD 220. Remeasure same design or new/replacement plot.
	222	DESIGNCD 220. Overlaid on and remeasurement of DESIGNCD 212 or 213.
	223	DESIGNCD 220. Overlaid on and remeasurement of first 5 points of DESIGNCD 214 or 216.
	230	DESIGNCD 1. Remeasurement plot not described by DESIGNCD 231-239.
	231	DESIGNCD 1. Overlaid on and remeasurement of DESIGNCD 212 or DESIGNCD 213.
	232	DESIGNCD 1. Overlaid on and remeasurement of first 5 points of DESIGNCD 214 or 216.
	233	DESIGNCD 1. Overlaid on and remeasurement of DESIGNCD 220, 221, 222, or 223
	240	DESIGNCD 1. Collected in metric and converted to English in the database. Remeasurement not described by 241-249.
	241	DESIGNCD 1. Collected in metric and converted to English in the database. Remeasure same design or new/replacement plot.
	242	DESIGNCD 1. Overlaid on and remeasurement of DESIGNCD 219. Collected in metric and converted to English in the database.
	299	Other plot design not described in DESIGNCD 200-298.
^d RMRS	403	One 1/10 th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber and woodland tree species < 5.0 inches DRC tallied on microplot.
	404	One 1/20 th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber and woodland tree species < 5.0 inches DRC tallied on microplot.
	405	One 1/5 th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber and woodland tree species < 5.0 inches DRC tallied on microplot.
	410	40 BAF variable-radius plots and 1/300 th acre fixed-radius microplots; number of microplots = number of points installed. Timber tree species < 5.0 inches DBH; woodland tree species < 3.0 inches DRC measured on microplot.
	411	40 BAF variable-radius plots and 1/300 th acre fixed-radius microplots; 3 microplots installed on points 1, 2, and 3. Timber tree species < 5.0 inches DBH; woodland tree species < 3.0 inches DRC measured on microplot.
	412	40 BAF variable-radius plots and 1/300 th acre fixed-radius microplots; 3 microplots installed on points 1, 2, and 5. Timber tree species < 5.0 inches DBH; woodland tree species < 3.0 inches DRC measured on microplot.
	413	20 BAF variable-radius plots and 1/300 th acre fixed-radius microplots; number of microplots = number of points installed. Timber tree species < 5.0 inches DBH; woodland tree species < 3.0 inches DRC measured on microplot.

FIA work unit	Plot design code (DESIGNCD)	Definition
	414	20 BAF variable-radius plots and 1/300th acre fixed-radius microplots; 3 microplots installed on points 1, 2, and 3. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	415	20 BAF variable-radius plots and 1/300th acre fixed-radius microplots; 3 microplots installed on points 1, 2, and 5. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	420	One 1/10 th acre fixed-radius plot and one centered 1/100 th acre microplot. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	421	One 1/20th acre fixed-radius plot and one centered 1/100 th acre microplot. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	422	One 1/5th acre fixed-radius plot and one centered 1/100 th acre microplot. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	423	One 1/10th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	424	One 1/20th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
	425	One 1/5th acre fixed-radius plot divided into 4 quadrants and four 1/300 th acre fixed-radius microplots. Timber tree species <5.0 inches DBH; woodland tree species <3.0 inches DRC measured on microplot.
^c PNWRS	501	DESIGNCD 1 with optional macroplot. Trees ≥24 inches DBH are tallied on macroplot.
	502	DESIGNCD 1 with optional macroplot. Trees ≥30 inches DBH are tallied on macroplot.
	503	DESIGNCD 1 with optional macroplot. Trees ≥ 4 inches DBH are tallied on macroplot. Trees ≥32 inches DBH are tallied on one 1-hectare plot.
	504	DESIGNCD 1 with optional macroplot. Trees ≥24 inches DBH are tallied on macroplot. Trees ≥48 inches DBH are tallied on one 1-hectare plot.
	505	DESIGNCD 1 with optional macroplot. Trees ≥30 inches DBH are tallied on macroplot. Trees ≥48 inches DBH are tallied on one 1-hectare plot.
	550	Five 30.5 BAF points for trees ≥5 inches and <35.4 inches DBH; five 55.8 foot fixed-radius plots for trees ≥35.4 inches DBH; and five 7.7-foot fixed-radius plots for seedlings and saplings <5 inches DBH. Point and plot centers are coincident. Conditions are mapped.
	551	Five 20 BAF points for trees ≥5 inches and <35.4 inches DBH; five 55.6 foot fixed-radius plots for trees ≥35.4 inches DBH; and five 9.7-foot fixed-radius plots for seedlings and saplings <5 inches DBH. Point and plot centers are coincident. Conditions are mapped.
	552	Five 30 BAF points for trees ≥5 inches and <35.4 inches DBH; five 55.6-foot fixed-radius plots for trees ≥35.4 inches DBH; and five 7.9-foot fixed-radius plots for seedlings and saplings <5 inches DBH. Point and plot centers are coincident. Conditions are mapped.
	553	Four 1/24 acre plots for live trees and four 58.9-foot fixed-radius plots for trees ≥11.8 inches DBH. Plot centers are coincident. Conditions are mapped.
	554	Four 1/24 acre plots for live trees and four 58.9-foot fixed-radius plots for trees ≥19.7 inches DBH. Plot centers are coincident. Conditions are mapped.

FIA work unit	Plot design code (DESIGNCD)	Definition
	555	Five 30.5 BAF points for trees ≥ 6.9 inches and < 35.4 inches DBH; five 55.8-foot fixed-radius plots for trees ≥ 35.4 inches DBH; and five 10.8-foot fixed-radius plots for seedlings and saplings < 6.9 inches DBH. Point and plot centers are coincident. Conditions are mapped.
	556	Five 30.5 BAF points for trees ≥ 6.9 inches and < 35.4 inches DBH; five 55.8-foot fixed-radius plots for trees ≥ 35.4 inches DBH; five 10.8-foot fixed-radius plots for saplings ≥ 5 inches and < 6.9 inches DBH; and the northeast quadrant of each of the five 10.8-foot fixed-radius plots for trees < 5 inches DBH. Point and plot centers are coincident. Conditions are not mapped.
	557	Five 40 BAF points for trees ≥ 5 inches DBH; and five 6.9-foot fixed-radius plots for saplings ≥ 1 and < 5 inches DBH. Point and plot centers are coincident. Conditions are not mapped.
	558	Three 30.5 BAF points for trees ≥ 6.9 inches and < 35.4 inches DBH; three 55.8-foot fixed-radius plots for trees ≥ 35.4 inches DBH; three 10.8-foot fixed-radius plots for saplings ≥ 5 inches and < 6.9 inches DBH; and the northeast quadrant of each of the three 10.8-foot fixed-radius plots for trees < 5 inches DBH. Point and plot centers are coincident. Conditions are mapped, only condition class 1 measured. Overlaid on and remeasurement of same design.
	559	Four 40 BAF points for trees ≥ 5 inches DBH; and four 6.9-foot fixed-radius plots for saplings ≥ 1 and < 5 inches DBH. Point and plot centers are coincident. Conditions are mapped, only condition class 1 measured. Overlaid on and remeasurement of same design.
^a NRS-NE, ^b NRS-NC, ^c SRS, ^d RMRS, ^e PNWRS	999	A plot record created to represent reserved or other nonsampled or undersampled areas where there were no ground plots; the plot has no design type; rather, it is a placeholder for area estimates. In all cases where DESIGNCD 999 plots are present, they are only used for estimates of area; they are not used in estimates of numbers of trees, volume or change (i.e., tree level estimates).

^aNorthern Research Station – previously Northeastern

^bNorthern Research Station – previously North Central

^cSouthern Research Station

^dRocky Mountain Research Station

^ePacific Northwest Research Station

Other acronyms and definitions:

BAF – basal area factor

DRC – diameter at root collar

Sawtimber-sized trees – softwoods ≥ 9 inches DBH, hardwoods ≥ 11 inches DBH.

Poletimber-sized trees – softwoods ≥ 5 inches and < 9 inches DBH, hardwoods ≥ 5 inches and < 11 inches DBH

Appendix C. State, Survey Unit, and County Codes

State Code: 1 State Name: Alabama State Abbreviation: AL Region/Station Code: 33						
Survey Unit Code: 1 Survey Unit Name: Southwest-South						
County code and county name						
3	Baldwin	53	Escambia	129	Washington	
39	Covington	97	Mobile			
Survey Unit Code: 2 Survey Unit Name: Southwest-North						
County code and county name						
23	Choctaw	35	Conecuh	99	Monroe	131 Wilcox
25	Clarke	91	Marengo	119	Sumter	
Survey Unit Code: 3 Survey Unit Name: Southeast						
County code and county name						
1	Autauga	31	Coffee	67	Henry	109 Pike
5	Barbour	41	Crenshaw	69	Houston	113 Russell
11	Bullock	45	Dale	81	Lee	123 Tallapoosa
13	Butler	47	Dallas	85	Lowndes	
17	Chambers	51	Elmore	87	Macon	
21	Chilton	61	Geneva	101	Montgomery	
Survey Unit Code: 4 Survey Unit Name: West Central						
County code and county name						
7	Bibb	65	Hale	105	Perry	
57	Fayette	75	Lamar	107	Pickens	
63	Greene	93	Marion	125	Tuscaloosa	
Survey Unit Code: 5 Survey Unit Name: North Central						
County code and county name						
9	Blount	29	Cleburne	73	Jefferson	121 Talladega
15	Calhoun	37	Coosa	111	Randolph	127 Walker
19	Cherokee	43	Cullman	115	St. Clair	133 Winston
27	Clay	55	Etowah	117	Shelby	
Survey Unit Code: 6 Survey Unit Name: North						
County code and county name						
33	Colbert	71	Jackson	83	Limestone	103 Morgan
49	DeKalb	77	Lauderdale	89	Madison	
59	Franklin	79	Lawrence	95	Marshall	

State Code: 2 State Name: Alaska State Abbreviation: AK Region/Station Code: 27

Survey Unit Code: 1 Survey Unit Name: Alaska

County code and county name	
13	Aleutians East Borough
16	Aleutians West Census Area
20	Anchorage Borough
50	Bethel Census Area
60	Bristol Bay Borough
68	Denali Borough
70	Dillingham Census Area
90	Fairbanks North Star Borough
100	Haines Borough
110	Juneau Borough
122	Kenai Peninsula Borough
130	Ketchikan Gateway Borough
150	Kodiak Island Borough
164	Lake and Peninsula Borough
170	Matanuska-Susitna Borough
180	Nome Census Area
185	North Slope Borough
188	Northwest Arctic Borough
201	Prince of Wales-Outer Ketchikan Census Area
220	Sitka Borough
232	Skagway-Hoonah-Angoon Census Area
240	Southeast Fairbanks Census Area
261	Valdez-Cordova Census Area
270	Wade Hampton Census Area
280	Wrangell-Petersburg Census Area
282	Yakutat Borough
290	Yukon-Koyukuk Census Area

State Code: 4 State Name: Arizona State Abbreviation: AZ Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Southern

County code and county name	
3	Cochise
9	Graham
11	Greenlee
12	La Paz
13	Maricopa
19	Pima
21	Pinal
23	Santa Cruz
27	Yuma

Survey Unit Code: 2 Survey Unit Name: Northern

County code and county name	
1	Apache
5	Coconino
7	Gila
15	Mohave
17	Navajo
25	Yavapai

State Code: 5 State Name: Arkansas State Abbreviation: AR Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: South Delta

County code and county name							
1	Arkansas	69	Jefferson	85	Lonoke	117	Prairie
17	Chicot	77	Lee	95	Monroe		
41	Desha	79	Lincoln	107	Phillips		

Survey Unit Code: 2 Survey Unit Name: North Delta

County code and county name							
21	Clay	37	Cross	75	Lawrence	123	St. Francis
31	Craighead	55	Greene	93	Mississippi	147	Woodruff
35	Crittenden	67	Jackson	111	Poinsett		

Survey Unit Code: 3 Survey Unit Name: Southwest

County code and county name							
3	Ashley	27	Columbia	59	Hot Spring	99	Nevada
11	Bradley	39	Dallas	61	Howard	103	Ouachita
13	Calhoun	43	Drew	73	Lafayette	109	Pike
19	Clark	53	Grant	81	Little River	133	Sevier
25	Cleveland	57	Hempstead	91	Miller	139	Union

Survey Unit Code: 4 Survey Unit Name: Ouachita

County code and county name							
51	Garland	105	Perry	125	Saline	149	Yell
83	Logan	113	Polk	127	Scott		
97	Montgomery	119	Pulaski	131	Sebastian		

Survey Unit Code: 5 Survey Unit Name: Ozark

County code and county name							
5	Baxter	33	Crawford	71	Johnson	129	Searcy
7	Benton	45	Faulkner	87	Madison	135	Sharp
9	Boone	47	Franklin	89	Marion	137	Stone
15	Carroll	49	Fulton	101	Newton	141	Van Buren
23	Cleburne	63	Independence	115	Pope	143	Washington
29	Conway	65	Izard	121	Randolph	145	White

State Code: 6 State Name: California State Abbreviation: CA Region/Station Code: 26

Survey Unit Code: 1 Survey Unit Name: North Coast

County code and county name

15 Del Norte 23 Humboldt 45 Mendocino 97 Sonoma

Survey Unit Code: 2 Survey Unit Name: North Interior

County code and county name

35 Lassen 89 Shasta 105 Trinity
 49 Modoc 93 Siskiyou

Survey Unit Code: 3 Survey Unit Name: Sacramento

County code and county name

7 Butte 33 Lake 63 Plumas 103 Tehama
 11 Colusa 55 Napa 67 Sacramento 113 Yolo
 17 El Dorado 57 Nevada 91 Sierra 115 Yuba
 21 Glenn 61 Placer 101 Sutter

Survey Unit Code: 4 Survey Unit Name: Central Coast

County code and county name

1 Alameda 69 San Benito 83 Santa Barbara 111 Ventura
 13 Contra Costa 75 San Francisco 85 Santa Clara
 41 Marin 79 San Luis Obispo 87 Santa Cruz
 53 Monterey 81 San Mateo 95 Solano

Survey Unit Code: 5 Survey Unit Name: San Joaquin

County code and county name

3 Alpine 29 Kern 47 Merced 107 Tulare
 5 Amador 31 Kings 51 Mono 109 Tuolumne
 9 Calaveras 39 Madera 77 San Joaquin
 19 Fresno 43 Mariposa 99 Stanislaus

Survey Unit Code: 6 Survey Unit Name: Southern

County code and county name

25 Imperial 37 Los Angeles 65 Riverside 73 San Diego
 27 Inyo 59 Orange 71 San Bernardino

State Code: 8 State Name: Colorado State Abbreviation: CO Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Northern Front Range

County code and county name

13	Boulder	39	Elbert	59	Jefferson	93	Park
19	Clear Creek	41	El Paso	65	Lake	119	Teller
35	Douglas	47	Gilpin	69	Larimer		

Survey Unit Code: 2 Survey Unit Name: Southern Front Range

County code and county name

15	Chaffee	27	Custer	55	Huerfano	101	Pueblo
23	Costilla	43	Fremont	71	Las Animas		

Survey Unit Code: 3 Survey Unit Name: West Central

County code and county name

3	Alamosa	51	Gunnison	97	Pitkin	111	San Juan
21	Conejos	53	Hinsdale	105	Rio Grande	117	Summit
37	Eagle	57	Jackson	107	Routt		
49	Grand	79	Mineral	109	Saguache		

Survey Unit Code: 4 Survey Unit Name: Western

County code and county name

7	Archuleta	45	Garfield	81	Moffat	91	Ouray
29	Delta	67	La Plata	83	Montezuma	103	Rio Blanco
33	Dolores	77	Mesa	85	Montrose	113	San Miguel

Survey Unit Code: 5 Survey Unit Name: Eastern

County code and county name

1	Adams	25	Crowley	75	Logan	115	Sedgwick
5	Arapahoe	31	Denver	87	Morgan	121	Washington
9	Baca	61	Kiowa	89	Otero	123	Weld
11	Bent	63	Kit Carson	95	Phillips	125	Yuma
17	Cheyenne	73	Lincoln	99	Prowers		

State Code: 9 State Name: Connecticut State Abbreviation: CT Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: Connecticut

County code and county name

1	Fairfield	5	Litchfield	9	New Haven	13	Tolland
3	Hartford	7	Middlesex	11	New London	15	Windham

State Code: 10 State Name: Delaware State Abbreviation: DE Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: Delaware

County code and county name

1	Kent	3	New Castle	5	Sussex		
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State Code: 11 State Name: District of Columbia State Abbrev.: DC Region/Station Code: 24

State Code: 12 State Name: Florida State Abbreviation: FL Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Northeastern

County code and county name							
1	Alachua	31	Duval	79	Madison	123	Taylor
3	Baker	35	Flagler	83	Marion	125	Union
7	Bradford	41	Gilchrist	89	Nassau	127	Volusia
19	Clay	47	Hamilton	107	Putnam		
23	Columbia	67	Lafayette	109	St. Johns		
29	Dixie	75	Levy	121	Suwannee		

Survey Unit Code: 2 Survey Unit Name: Northwestern

County code and county name							
5	Bay	39	Gadsden	65	Jefferson	113	Santa Rosa
13	Calhoun	45	Gulf	73	Leon	129	Wakulla
33	Escambia	59	Holmes	77	Liberty	131	Walton
37	Franklin	63	Jackson	91	Okaloosa	133	Washington

Survey Unit Code: 3 Survey Unit Name: Central

County code and county name							
9	Brevard	55	Highlands	93	Okeechobee	105	Polk
17	Citrus	57	Hillsborough	95	Orange	111	St. Lucie
27	DeSoto	61	Indian River	97	Osceola	115	Sarasota
49	Hardee	69	Lake	101	Pasco	117	Seminole
53	Hernando	81	Manatee	103	Pinellas	119	Sumter

Survey Unit Code: 4 Survey Unit Name: Southern

County code and county name							
11	Broward	25	Dade	71	Lee	99	Palm Beach
15	Charlotte	43	Glades	85	Martin		
21	Collier	51	Hendry	87	Monroe		

State Code: 13 **State Name:** Georgia **State Abbreviation:** GA **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** Southeastern

County code and county name							
1	Appling	51	Chatham	161	Jeff Davis	251	Screven
3	Atkinson	65	Clinch	165	Jenkins	267	Tattnall
5	Bacon	69	Coffee	167	Johnson	271	Telfair
25	Brantley	91	Dodge	175	Laurens	279	Toombs
29	Bryan	101	Echols	179	Liberty	283	Treutlen
31	Bulloch	103	Effingham	183	Long	299	Ware
39	Camden	107	Emanuel	191	McIntosh	305	Wayne
43	Candler	109	Evans	209	Montgomery	309	Wheeler
49	Charlton	127	Glynn	229	Pierce		

Survey Unit Code: 2 **Survey Unit Name:** Southwestern

County code and county name							
7	Baker	81	Crisp	173	Lanier	277	Tift
17	Ben Hill	87	Decatur	185	Lowndes	287	Turner
19	Berrien	93	Dooly	201	Miller	315	Wilcox
27	Brooks	99	Early	205	Mitchell	321	Worth
71	Colquitt	131	Grady	253	Seminole		
75	Cook	155	Irwin	275	Thomas		

Survey Unit Code: 3 **Survey Unit Name:** Central

County code and county name							
9	Baldwin	141	Hancock	211	Morgan	265	Taliaferro
21	Bibb	145	Harris	215	Muscogee	269	Taylor
23	Bleckley	153	Houston	225	Peach	273	Terrell
33	Burke	159	Jasper	231	Pike	289	Twiggs
35	Butts	163	Jefferson	235	Pulaski	293	Upson
37	Calhoun	169	Jones	237	Putnam	301	Warren
53	Chattahoochee	171	Lamar	239	Quitman	303	Washington
61	Clay	177	Lee	243	Randolph	307	Webster
73	Columbia	181	Lincoln	245	Richmond	317	Wilkes
79	Crawford	189	McDuffie	249	Schley	319	Wilkinson
95	Dougherty	193	Macon	259	Stewart		
125	Glascock	197	Marion	261	Sumter		
133	Greene	207	Monroe	263	Talbot		

Survey Unit Code: 4 **Survey Unit Name:** North Central

County code and county name							
11	Banks	97	Douglas	143	Haralson	219	Oconee
13	Barrow	105	Elbert	147	Hart	221	Oglethorpe
45	Carroll	113	Fayette	149	Heard	223	Paulding
59	Clarke	117	Forsyth	151	Henry	233	Polk
63	Clayton	119	Franklin	157	Jackson	247	Rockdale
67	Cobb	121	Fulton	195	Madison	255	Spalding
77	Coweta	135	Gwinnett	199	Meriwether	285	Troup
89	DeKalb	139	Hall	217	Newton	297	Walton

Georgia cont.

Georgia cont.

Survey Unit Code: 5 Survey Unit Name: Northern							
County code and county name							
15	Bartow	111	Fannin	213	Murray	295	Walker
47	Catoosa	115	Floyd	227	Pickens	311	White
55	Chattooga	123	Gilmer	241	Rabun	313	Whitfield
57	Cherokee	129	Gordon	257	Stephens		
83	Dade	137	Habersham	281	Towns		
85	Dawson	187	Lumpkin	291	Union		

State Code: 15 State Name: Hawaii State Abbreviation: HI Region/Station Code: 26

County code and county name							
1	Hawaii	5	Kalawao	9	Maui		
3	Honolulu	7	Kauai				

State Code: 16 State Name: Idaho State Abbreviation: ID Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Northern							
County code and county name							
9	Benewah	35	Clearwater	57	Latah	79	Shoshone
17	Bonner	49	Idaho	61	Lewis		
21	Boundary	55	Kootenai	69	Nez Perce		

Survey Unit Code: 2 Survey Unit Name: Southwestern							
County code and county name							
1	Ada	27	Canyon	73	Owyhee	87	Washington
3	Adams	39	Elmore	75	Payette		
15	Boise	45	Gem	85	Valley		

Survey Unit Code: 3 Survey Unit Name: Southeastern							
County code and county name							
5	Bannock	25	Camas	43	Fremont	65	Madison
7	Bear Lake	29	Caribou	47	Gooding	67	Minidoka
11	Bingham	31	Cassia	51	Jefferson	71	Oneida
13	Blaine	33	Clark	53	Jerome	77	Power
19	Bonneville	37	Custer	59	Lemhi	81	Teton
23	Butte	41	Franklin	63	Lincoln	83	Twin Falls

State Code: 17 State Name: Illinois State Abbreviation: IL Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Southern

County code and county name							
3	Alexander	69	Hardin	145	Perry	165	Saline
55	Franklin	77	Jackson	151	Pope	181	Union
59	Gallatin	87	Johnson	153	Pulaski	193	White
65	Hamilton	127	Massac	157	Randolph	199	Williamson

Survey Unit Code: 2 Survey Unit Name: Claypan

County code and county name							
5	Bond	47	Edwards	101	Lawrence	163	St. Clair
13	Calhoun	49	Effingham	117	Macoupin	173	Shelby
23	Clark	51	Fayette	119	Madison	185	Wabash
25	Clay	61	Greene	121	Marion	189	Washington
27	Clinton	79	Jasper	133	Monroe	191	Wayne
33	Crawford	81	Jefferson	135	Montgomery		
35	Cumberland	83	Jersey	159	Richland		

Survey Unit Code: 3 Survey Unit Name: Prairie

County code and county name							
1	Adams	53	Ford	105	Livingston	149	Pike
7	Boone	57	Fulton	107	Logan	155	Putnam
9	Brown	63	Grundy	109	McDonough	161	Rock Island
11	Bureau	67	Hancock	111	McHenry	167	Sangamon
15	Carroll	71	Henderson	113	McLean	169	Schuyler
17	Cass	73	Henry	115	Macon	171	Scott
19	Champaign	75	Iroquois	123	Marshall	175	Stark
21	Christian	85	Jo Daviess	125	Mason	177	Stephenson
29	Coles	89	Kane	129	Menard	179	Tazewell
31	Cook	91	Kankakee	131	Mercer	183	Vermilion
37	DeKalb	93	Kendall	137	Morgan	187	Warren
39	De Witt	95	Knox	139	Moultrie	195	Whiteside
41	Douglas	97	Lake	141	Ogle	197	Will
43	DuPage	99	La Salle	143	Peoria	201	Winnebago
45	Edgar	103	Lee	147	Piatt	203	Woodford

State Code: 18 State Name: Indiana State Abbreviation: IN Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Lower Wabash

County code and county name							
21	Clay	83	Knox	129	Posey	165	Vermillion
27	Daviess	101	Martin	133	Putnam	167	Vigo
51	Gibson	121	Parke	153	Sullivan		
55	Greene	125	Pike	163	Vanderburgh		

Survey Unit Code: 2 Survey Unit Name: Knobs

County code and county name							
13	Brown	61	Harrison	117	Orange	173	Warrick
19	Clark	71	Jackson	119	Owen	175	Washington
25	Crawford	93	Lawrence	123	Perry		
37	Dubois	105	Monroe	143	Scott		
43	Floyd	109	Morgan	147	Spencer		

Survey Unit Code: 3 Survey Unit Name: Upland Flats

County code and county name							
29	Dearborn	77	Jefferson	137	Ripley		
41	Fayette	79	Jennings	155	Switzerland		
47	Franklin	115	Ohio	161	Union		

Survey Unit Code: 4 Survey Unit Name: Northern

County code and county name							
1	Adams	45	Fountain	87	Lagrange	139	Rush
3	Allen	49	Fulton	89	Lake	141	St. Joseph
5	Bartholomew	53	Grant	91	La Porte	145	Shelby
7	Benton	57	Hamilton	95	Madison	149	Starke
9	Blackford	59	Hancock	97	Marion	151	Steuben
11	Boone	63	Hendricks	99	Marshall	157	Tippecanoe
15	Carroll	65	Henry	103	Miami	159	Tipton
17	Cass	67	Howard	107	Montgomery	169	Wabash
23	Clinton	69	Huntington	111	Newton	171	Warren
31	Decatur	73	Jasper	113	Noble	177	Wayne
33	De Kalb	75	Jay	127	Porter	179	Wells
35	Delaware	81	Johnson	131	Pulaski	181	White
39	Elkhart	85	Kosciusko	135	Randolph	183	Whitley

State Code: 19 State Name: Iowa State Abbreviation: IA Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Northeastern

County code and county name							
5	Allamakee	31	Cedar	65	Fayette	105	Jones
11	Benton	37	Chickasaw	67	Floyd	113	Linn
13	Black Hawk	43	Clayton	75	Grundy	131	Mitchell
17	Bremer	45	Clinton	89	Howard	163	Scott
19	Buchanan	55	Delaware	97	Jackson	171	Tama
23	Butler	61	Dubuque	103	Johnson	191	Winneshek

Survey Unit Code: 2 Survey Unit Name: Southeastern

County code and county name							
7	Appanoose	83	Hardin	121	Madison	177	Van Buren
15	Boone	87	Henry	123	Mahaska	179	Wapello
39	Clarke	95	Iowa	125	Marion	181	Warren
49	Dallas	99	Jasper	127	Marshall	183	Washington
51	Davis	101	Jefferson	135	Monroe	185	Wayne
53	Decatur	107	Keokuk	139	Muscatine	187	Webster
57	Des Moines	111	Lee	153	Polk		
77	Guthrie	115	Louisa	157	Poweshiek		
79	Hamilton	117	Lucas	169	Story		

Survey Unit Code: 3 Survey Unit Name: Southwestern

County code and county name							
1	Adair	47	Crawford	133	Monona	165	Shelby
3	Adams	71	Fremont	137	Montgomery	173	Taylor
9	Audubon	73	Greene	145	Page	175	Union
27	Carroll	85	Harrison	155	Pottawattamie	193	Woodbury
29	Cass	129	Mills	159	Ringgold		

Survey Unit Code: 4 Survey Unit Name: Northwestern

County code and county name							
21	Buena Vista	63	Emmet	119	Lyon	161	Sac
25	Calhoun	69	Franklin	141	O'Brien	167	Sioux
33	Cerro Gordo	81	Hancock	143	Osceola	189	Winnebago
35	Cherokee	91	Humboldt	147	Palo Alto	195	Worth
41	Clay	93	Ida	149	Plymouth	197	Wright
59	Dickinson	109	Kossuth	151	Pocahontas		

State Code: 20 State Name: Kansas State Abbreviation: KS Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Northeastern

County code and county name							
5	Atchison	59	Franklin	117	Marshall	177	Shawnee
13	Brown	61	Geary	121	Miami	197	Wabaunsee
27	Clay	85	Jackson	131	Nemaha	201	Washington
41	Dickinson	87	Jefferson	139	Osage	209	Wyandotte
43	Doniphan	91	Johnson	149	Pottawatomie		
45	Douglas	103	Leavenworth	161	Riley		

Survey Unit Code: 2 Survey Unit Name: Southeastern

County code and county name							
1	Allen	21	Cherokee	99	Labette	133	Neosho
3	Anderson	31	Coffey	107	Linn	205	Wilson
11	Bourbon	35	Cowley	111	Lyon	207	Woodson
15	Butler	37	Crawford	115	Marion		
17	Chase	49	Elk	125	Montgomery		
19	Chautauqua	73	Greenwood	127	Morris		

Survey Unit Code: 3 Survey Unit Name: Western

County code and county name							
7	Barber	71	Greeley	129	Morton	171	Scott
9	Barton	75	Hamilton	135	Ness	173	Sedgwick
23	Cheyenne	77	Harper	137	Norton	175	Seward
25	Clark	79	Harvey	141	Osborne	179	Sheridan
29	Cloud	81	Haskell	143	Ottawa	181	Sherman
33	Comanche	83	Hodgeman	145	Pawnee	183	Smith
39	Decatur	89	Jewell	147	Phillips	185	Stafford
47	Edwards	93	Kearny	151	Pratt	187	Stanton
51	Ellis	95	Kingman	153	Rawlins	189	Stevens
53	Ellsworth	97	Kiowa	155	Reno	191	Sumner
55	Finney	101	Lane	157	Republic	193	Thomas
57	Ford	105	Lincoln	159	Rice	195	Trego
63	Gove	109	Logan	163	Rooks	199	Wallace
65	Graham	113	McPherson	165	Rush	203	Wichita
67	Grant	119	Meade	167	Russell		
69	Gray	123	Mitchell	169	Saline		

State Code: 21 State Name: Kentucky State Abbreviation: KY Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Eastern

County code and county name							
71	Floyd	119	Knott	133	Letcher	193	Perry
95	Harlan	131	Leslie	159	Martin	195	Pike

Survey Unit Code: 2 Survey Unit Name: Northern Cumberland

County code and county name							
19	Boyd	115	Johnson	165	Menifee	237	Wolfe
43	Carter	127	Lawrence	175	Morgan		
63	Elliott	135	Lewis	197	Powell		
89	Greenup	153	Magoffin	205	Rowan		

Survey Unit Code: 3 Survey Unit Name: Southern Cumberland

County code and county name							
13	Bell	65	Estill	125	Laurel	189	Owsley
25	Breathitt	109	Jackson	129	Lee	203	Rockcastle
51	Clay	121	Knox	147	McCreary	235	Whitley

Survey Unit Code: 4 Survey Unit Name: Bluegrass

County code and county name							
5	Anderson	67	Fayette	113	Jessamine	187	Owen
11	Bath	69	Fleming	117	Kenton	191	Pendleton
15	Boone	73	Franklin	137	Lincoln	201	Robertson
17	Bourbon	77	Gallatin	151	Madison	209	Scott
21	Boyle	79	Garrard	161	Mason	211	Shelby
23	Bracken	81	Grant	167	Mercer	215	Spencer
37	Campbell	97	Harrison	173	Montgomery	223	Trimble
41	Carroll	103	Henry	181	Nicholas	229	Washington
49	Clark	111	Jefferson	185	Oldham	239	Woodford

Survey Unit Code: 5 Survey Unit Name: Pennyroyal

County code and county name							
1	Adair	57	Cumberland	99	Hart	179	Nelson
27	Breckinridge	85	Grayson	123	Larue	199	Pulaski
29	Bullitt	87	Green	155	Marion	207	Russell
45	Casey	91	Hancock	163	Meade	217	Taylor
53	Clinton	93	Hardin	169	Metcalfe	231	Wayne

Survey Unit Code: 6 Survey Unit Name: Western Coalfield

County code and county name							
3	Allen	55	Crittenden	141	Logan	213	Simpson
9	Barren	59	Daviess	149	McLean	219	Todd
31	Butler	61	Edmonson	171	Monroe	225	Union
33	Caldwell	101	Henderson	177	Muhlenberg	227	Warren
47	Christian	107	Hopkins	183	Ohio	233	Webster

Survey Unit Code: 7 Survey Unit Name: Western

County code and county name							
7	Ballard	75	Fulton	139	Livingston	157	Marshall
35	Calloway	83	Graves	143	Lyon	221	Trigg
39	Carlisle	105	Hickman	145	McCracken		

State Code: 22 State Name: Louisiana State Abbreviation: LA Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: North Delta

County code and county name

25	Catahoula	41	Franklin	83	Richland
29	Concordia	65	Madison	107	Tensas
35	East Carroll	67	Morehouse	123	West Carroll

Survey Unit Code: 2 Survey Unit Name: South Delta

County code and county name

1	Acadia	47	Iberville	77	Pointe Coupee	99	St. Martin
5	Ascension	51	Jefferson	87	St. Bernard	101	St. Mary
7	Assumption	55	Lafayette	89	St. Charles	109	Terrebonne
9	Avoyelles	57	Lafourche	93	St. James	113	Vermilion
23	Cameron	71	Orleans	95	St. John the Baptist	121	West Baton Rouge
45	Iberia	75	Plaquemines	97	St. Landry	125	West Feliciana

Survey Unit Code: 3 Survey Unit Name: Southwest

County code and county name

3	Allen	39	Evangeline	59	La Salle	85	Sabine
11	Beauregard	43	Grant	69	Natchitoches	115	Vernon
19	Calcasieu	53	Jefferson Davis	79	Rapides		

Survey Unit Code: 4 Survey Unit Name: Southeast

County code and county name

33	East Baton Rouge	63	Livingston	103	St. Tammany	117	Washington
37	East Feliciana	91	St. Helena	105	Tangipahoa		

Survey Unit Code: 5 Survey Unit Name: Northwest

County code and county name

13	Bienville	27	Claiborne	73	Ouachita	127	Winn
15	Bossier	31	De Soto	81	Red River		
17	Caddo	49	Jackson	111	Union		
21	Caldwell	61	Lincoln	119	Webster		

State Code: 23 State Name: Maine State Abbreviation: ME Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: Washington
County code and county name

29 Washington

Survey Unit Code: 2 Survey Unit Name: Aroostook
County code and county name

3 Aroostook

Survey Unit Code: 3 Survey Unit Name: Penobscot
County code and county name

19 Penobscot

Survey Unit Code: 4 Survey Unit Name: Hancock
County code and county name

9 Hancock

Survey Unit Code: 5 Survey Unit Name: Piscataquis
County code and county name

21 Piscataquis

Survey Unit Code: 6 Survey Unit Name: Capitol Region
County code and county name

11 Kennebec 13 Knox 15 Lincoln 27 Waldo

Survey Unit Code: 7 Survey Unit Name: Somerset
County code and county name

25 Somerset

Survey Unit Code: 8 Survey Unit Name: Casco Bay
County code and county name

1 Androscoggin 5 Cumberland 23 Sagadahoc 31 York

Survey Unit Code: 9 Survey Unit Name: Western Maine
County code and county name

7 Franklin 17 Oxford

State Code: 24 State Name: Maryland State Abbreviation: MD Region/Station Code: 24

Survey Unit Code: 2 Survey Unit Name: Central

County code and county name							
3	Anne Arundel	15	Cecil	29	Kent	41	Talbot
5	Baltimore	21	Frederick	31	Montgomery	43	Washington
11	Caroline	25	Harford	33	Prince George's	510	Baltimore city
13	Carroll	27	Howard	35	Queen Anne's		

Survey Unit Code: 3 Survey Unit Name: Southern

County code and county name					
09	Calvert	17	Charles	37	St. Mary's

Survey Unit Code: 4 Survey Unit Name: Lower Eastern Shore

County code and county name							
19	Dorchester	39	Somerset	45	Wicomico	47	Worcester

Survey Unit Code: 5 Survey Unit Name: Western

County code and county name			
1	Allegany	23	Garrett

State Code: 25 State Name: Massachusetts State Abbreviation: MA Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: Massachusetts

County code and county name							
1	Barnstable	9	Essex	17	Middlesex	25	Suffolk
3	Berkshire	11	Franklin	19	Nantucket	27	Worcester
5	Bristol	13	Hampden	21	Norfolk		
7	Dukes	15	Hampshire	23	Plymouth		

State Code: 26 State Name: Michigan State Abbreviation: MI Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Eastern Upper Peninsula
County code and county name
 3 Alger 41 Delta 97 Mackinac 153 Schoolcraft
 33 Chippewa 95 Luce 109 Menominee

Survey Unit Code: 2 Survey Unit Name: Western Upper Peninsula
County code and county name
 13 Baraga 53 Gogebic 71 Iron 103 Marquette
 43 Dickinson 61 Houghton 83 Keweenaw 131 Ontonagon

Survey Unit Code: 3 Survey Unit Name: Northern Lower Peninsula
County code and county name
 1 Alcona 39 Crawford 101 Manistee 133 Osceola
 7 Alpena 47 Emmet 105 Mason 135 Oscoda
 9 Antrim 51 Gladwin 107 Mecosta 137 Otsego
 11 Arenac 55 Grand Traverse 111 Midland 141 Presque Isle
 17 Bay 69 Iosco 113 Missaukee 143 Roscommon
 19 Benzie 73 Isabella 119 Montmorency 165 Wexford
 29 Charlevoix 79 Kalkaska 123 Newaygo
 31 Cheboygan 85 Lake 127 Oceana
 35 Clare 89 Leelanau 129 Ogemaw

Survey Unit Code: 4 Survey Unit Name: Southern Lower Peninsula
County code and county name
 5 Allegan 57 Gratiot 91 Lenawee 147 St. Clair
 15 Barry 59 Hillsdale 93 Livingston 149 St. Joseph
 21 Berrien 63 Huron 99 Macomb 151 Sanilac
 23 Branch 65 Ingham 115 Monroe 155 Shiawassee
 25 Calhoun 67 Ionia 117 Montcalm 157 Tuscola
 27 Cass 75 Jackson 121 Muskegon 159 Van Buren
 37 Clinton 77 Kalamazoo 125 Oakland 161 Washtenaw
 45 Eaton 81 Kent 139 Ottawa 163 Wayne
 49 Genesee 87 Lapeer 145 Saginaw

State Code: 27 State Name: Minnesota State Abbreviation: MN Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Aspen-Birch

County code and county name					
17	Carlton	71	Koochiching	137	St. Louis
31	Cook	75	Lake		

Survey Unit Code: 2 Survey Unit Name: Northern Pine

County code and county name							
1	Aitkin	21	Cass	57	Hubbard	87	Mahnomen
5	Becker	29	Clearwater	61	Itasca	135	Roseau
7	Beltrami	35	Crow Wing	77	Lake of the Woods	159	Wadena

Survey Unit Code: 3 Survey Unit Name: Central Hardwood

County code and county name							
3	Anoka	49	Goodhue	97	Morrison	141	Sherburne
9	Benton	53	Hennepin	109	Olmsted	145	Stearns
19	Carver	55	Houston	111	Otter Tail	153	Todd
25	Chisago	59	Isanti	115	Pine	157	Wabasha
37	Dakota	65	Kanabec	123	Ramsey	163	Washington
41	Douglas	79	Le Sueur	131	Rice	169	Winona
45	Fillmore	95	Mille Lacs	139	Scott	171	Wright

Survey Unit Code: 4 Survey Unit Name: Prairie

County code and county name							
11	Big Stone	67	Kandiyohi	103	Nicollet	143	Sibley
13	Blue Earth	69	Kittson	105	Nobles	147	Steele
15	Brown	73	Lac qui Parle	107	Norman	149	Stevens
23	Chippewa	81	Lincoln	113	Pennington	151	Swift
27	Clay	83	Lyon	117	Pipestone	155	Traverse
33	Cottonwood	85	McLeod	119	Polk	161	Waseca
39	Dodge	89	Marshall	121	Pope	165	Watonwan
43	Faribault	91	Martin	125	Red Lake	167	Wilkin
47	Freeborn	93	Meeker	127	Redwood	173	Yellow Medicine
51	Grant	99	Mower	129	Renville		
63	Jackson	101	Murray	133	Rock		

State Code: 28 State Name: Mississippi State Abbreviation: MS Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Delta

County code and county name							
11	Bolivar	55	Issaquena	133	Sunflower	151	Washington
27	Coahoma	83	Leflore	135	Tallahatchie	163	Yazoo
51	Holmes	119	Quitman	143	Tunica		
53	Humphreys	125	Sharkey	149	Warren		

Survey Unit Code: 2 Survey Unit Name: North

County code and county name							
3	Alcorn	33	DeSoto	95	Monroe	139	Tippah
9	Benton	43	Grenada	97	Montgomery	141	Tishomingo
13	Calhoun	57	Itawamba	105	Oktibbeha	145	Union
15	Carroll	71	Lafayette	107	Panola	155	Webster
17	Chickasaw	81	Lee	115	Pontotoc	161	Yalobusha
19	Choctaw	87	Lowndes	117	Prentiss		
25	Clay	93	Marshall	137	Tate		

Survey Unit Code: 3 Survey Unit Name: Central

County code and county name							
7	Attala	75	Lauderdale	103	Noxubee	129	Smith
23	Clarke	79	Leake	121	Rankin	159	Winston
61	Jasper	99	Neshoba	123	Scott		
69	Kemper	101	Newton	127	Simpson		

Survey Unit Code: 4 Survey Unit Name: South

County code and county name							
31	Covington	47	Harrison	77	Lawrence	147	Walthall
35	Forrest	59	Jackson	91	Marion	153	Wayne
39	George	65	Jefferson Davis	109	Pearl River		
41	Greene	67	Jones	111	Perry		
45	Hancock	73	Lamar	131	Stone		

Survey Unit Code: 5 Survey Unit Name: Southwest

County code and county name							
1	Adams	29	Copiah	63	Jefferson	113	Pike
5	Amite	37	Franklin	85	Lincoln	157	Wilkinson
21	Claiborne	49	Hinds	89	Madison		

State Code: 29 State Name: Missouri State Abbreviation: MO Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Eastern Ozarks

County code and county name						
17	Bollinger	65	Dent	179	Reynolds	221 Washington
23	Butler	93	Iron	181	Ripley	223 Wayne
35	Carter	123	Madison	187	St. Francois	
55	Crawford	149	Oregon	203	Shannon	

Survey Unit Code: 2 Survey Unit Name: Southwestern Ozarks

County code and county name						
9	Barry	91	Howell	153	Ozark	215 Texas
43	Christian	119	McDonald	209	Stone	225 Webster
67	Douglas	145	Newton	213	Taney	229 Wright

Survey Unit Code: 3 Survey Unit Name: Northwestern Ozarks

County code and county name						
15	Benton	85	Hickory	141	Morgan	185 St. Clair
29	Camden	105	Laclede	161	Phelps	
39	Cedar	125	Maries	167	Polk	
59	Dallas	131	Miller	169	Pulaski	

Survey Unit Code: 4 Survey Unit Name: Prairie

County code and county name						
1	Adair	53	Cooper	107	Lafayette	171 Putnam
3	Andrew	57	Dade	109	Lawrence	173 Ralls
5	Atchison	61	Daviess	111	Lewis	175 Randolph
7	Audrain	63	DeKalb	113	Lincoln	177 Ray
11	Barton	75	Gentry	115	Linn	195 Saline
13	Bates	77	Greene	117	Livingston	197 Schuyler
21	Buchanan	79	Grundy	121	Macon	199 Scotland
25	Caldwell	81	Harrison	127	Marion	205 Shelby
33	Carroll	83	Henry	129	Mercer	211 Sullivan
37	Cass	87	Holt	137	Monroe	217 Vernon
41	Chariton	95	Jackson	147	Nodaway	227 Worth
45	Clark	97	Jasper	159	Pettis	
47	Clay	101	Johnson	163	Pike	
49	Clinton	103	Knox	165	Platte	

Survey Unit Code: 5 Survey Unit Name: Riverborder

County code and county name						
19	Boone	73	Gasconade	143	New Madrid	189 St. Louis
27	Callaway	89	Howard	151	Osage	201 Scott
31	Cape Girardeau	99	Jefferson	155	Pemiscot	207 Stoddard
51	Cole	133	Mississippi	157	Perry	219 Warren
69	Dunklin	135	Moniteau	183	St. Charles	510 St. Louis city
71	Franklin	139	Montgomery	186	Ste. Genevieve	

State Code: 30 State Name: Montana State Abbreviation: MT Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Northwestern

County code and county name

29	Flathead	47	Lake	53	Lincoln	89	Sanders
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Survey Unit Code: 2 Survey Unit Name: Eastern

County code and county name

3	Big Horn	27	Fergus	71	Phillips	95	Stillwater
5	Blaine	33	Garfield	73	Pondera	97	Sweet Grass
9	Carbon	35	Glacier	75	Powder River	99	Teton
11	Carter	37	Golden Valley	79	Prairie	101	Toole
15	Chouteau	41	Hill	83	Richland	103	Treasure
17	Custer	51	Liberty	85	Roosevelt	105	Valley
19	Daniels	55	McCone	87	Rosebud	109	Wibaux
21	Dawson	65	Musselshell	91	Sheridan	111	Yellowstone
25	Fallon	69	Petroleum				

Survey Unit Code: 3 Survey Unit Name: Western

County code and county name

39	Granite	61	Mineral	63	Missoula	81	Ravalli
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Survey Unit Code: 4 Survey Unit Name: West Central

County code and county name

7	Broadwater	43	Jefferson	49	Lewis and Clark	77	Powell
13	Cascade	45	Judith Basin	59	Meagher	107	Wheatland

Survey Unit Code: 5 Survey Unit Name: Southwestern

County code and county name

1	Beaverhead	31	Gallatin	67	Park
23	Deer Lodge	57	Madison	93	Silver Bow

State Code: 31 State Name: Nebraska State Abbreviation: NE Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Eastern

County code and county name							
1	Adams	55	Douglas	99	Kearney	151	Saline
11	Boone	59	Fillmore	109	Lancaster	153	Sarpy
19	Buffalo	61	Franklin	119	Madison	155	Saunders
21	Burt	63	Frontier	121	Merrick	159	Seward
23	Butler	65	Furnas	125	Nance	163	Sherman
25	Cass	67	Gage	127	Nemaha	167	Stanton
27	Cedar	73	Gosper	129	Nuckolls	169	Thayer
35	Clay	77	Greeley	131	Otoe	173	Thurston
37	Colfax	79	Hall	133	Pawnee	175	Valley
39	Cuming	81	Hamilton	137	Phelps	177	Washington
41	Custer	83	Harlan	139	Pierce	179	Wayne
43	Dakota	87	Hitchcock	141	Platte	181	Webster
47	Dawson	93	Howard	143	Polk	185	York
51	Dixon	95	Jefferson	145	Red Willow		
53	Dodge	97	Johnson	147	Richardson		

Survey Unit Code: 2 Survey Unit Name: Western

County code and county name							
3	Antelope	33	Cheyenne	91	Hooker	123	Morrill
5	Arthur	45	Dawes	101	Keith	135	Perkins
7	Banner	49	Deuel	103	Keya Paha	149	Rock
9	Blaine	57	Dundy	105	Kimball	157	Scotts Bluff
13	Box Butte	69	Garden	107	Knox	161	Sheridan
15	Boyd	71	Garfield	111	Lincoln	165	Sioux
17	Brown	75	Grant	113	Logan	171	Thomas
29	Chase	85	Hayes	115	Loup	183	Wheeler
31	Cherry	89	Holt	117	McPherson		

State Code: 32 State Name: Nevada State Abbreviation: NV Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Nevada

County code and county name							
1	Churchill	11	Eureka	21	Mineral	33	White Pine
3	Clark	13	Humboldt	23	Nye	510	Carson City
5	Douglas	15	Lander	27	Pershing		
7	Elko	17	Lincoln	29	Storey		
9	Esmeralda	19	Lyon	31	Washoe		

State Code: 33 State Name: New Hampshire State Abbreviation: NH Region/Station Code: 24

Survey Unit Code: 2 Survey Unit Name: Northern

County code and county name			
3	Carroll	7 Coos	9 Grafton

Survey Unit Code: 3 Survey Unit Name: Southern

County code and county name				
1	Belknap	11 Hillsborough	15 Rockingham	19 Sullivan
5	Cheshire	13 Merrimack	17 Strafford	

State Code: 34 State Name: New Jersey State Abbreviation: NJ Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: New Jersey

County code and county name							
1	Atlantic	13	Essex	25	Monmouth	37	Sussex
3	Bergen	15	Gloucester	27	Morris	39	Union
5	Burlington	17	Hudson	29	Ocean	41	Warren
7	Camden	19	Hunterdon	31	Passaic		
9	Cape May	21	Mercer	33	Salem		
11	Cumberland	23	Middlesex	35	Somerset		

State Code: 35 State Name: New Mexico State Abbreviation: NM Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Northwestern

County code and county name							
1	Bernalillo	31	McKinley	45	San Juan	61	Valencia
6	Cibola	39	Rio Arriba	49	Santa Fe		
28	Los Alamos	43	Sandoval	55	Taos		

Survey Unit Code: 2 Survey Unit Name: Northeastern

County code and county name							
7	Colfax	21	Harding	37	Quay	57	Torrance
19	Guadalupe	33	Mora	47	San Miguel	59	Union

Survey Unit Code: 3 Survey Unit Name: Southwestern

County code and county name							
3	Catron	17	Grant	29	Luna	53	Socorro
13	Dona Ana	23	Hidalgo	51	Sierra		

Survey Unit Code: 4 Survey Unit Name: Southeastern

County code and county name							
5	Chaves	11	De Baca	25	Lea	35	Otero
9	Curry	15	Eddy	27	Lincoln	41	Roosevelt

State Code: 36 **State Name:** New York **State Abbreviation:** NY **Region/Station Code:** 24

Survey Unit Code: 1 **Survey Unit Name:** Adirondack

County code and county name							
19	Clinton	33	Franklin	45	Jefferson	89	St. Lawrence

Survey Unit Code: 2 **Survey Unit Name:** Lake Plain

County code and county name							
11	Cayuga	53	Madison	69	Ontario	117	Wayne
29	Erie	55	Monroe	73	Orleans	121	Wyoming
37	Genesee	63	Niagara	75	Oswego	123	Yates
51	Livingston	67	Onondaga	99	Seneca		

Survey Unit Code: 3 **Survey Unit Name:** Western Adirondack

County code and county name							
35	Fulton	43	Herkimer	49	Lewis	65	Oneida

Survey Unit Code: 4 **Survey Unit Name:** Eastern Adirondack

County code and county name							
31	Essex	41	Hamilton	113	Warren		

Survey Unit Code: 5 **Survey Unit Name:** Southwest Highlands

County code and county name							
3	Allegany	9	Cattaraugus	13	Chautauqua	101	Steuben

Survey Unit Code: 6 **Survey Unit Name:** South-Central Highlands

County code and county name							
7	Broome	23	Cortland	97	Schuyler		
15	Chemung	25	Delaware	107	Tioga		
17	Chenango	77	Otsego	109	Tompkins		

Survey Unit Code: 7 **Survey Unit Name:** Capitol District

County code and county name							
1	Albany	57	Montgomery	91	Saratoga	115	Washington
21	Columbia	83	Rensselaer	93	Schenectady		

Survey Unit Code: 8 **Survey Unit Name:** Catskill-Lower Hudson

County code and county name							
5	Bronx	59	Nassau	81	Queens	103	Suffolk
27	Dutchess	61	New York	85	Richmond	105	Sullivan
39	Greene	71	Orange	87	Rockland	111	Ulster
47	Kings	79	Putnam	95	Schoharie	119	Westchester

State Code: 37 **State Name:** North Carolina **State Abbreviation:** NC **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** Southern Coastal Plain

County code and county name							
17	Bladen	85	Harnett	125	Moore	163	Sampson
19	Brunswick	93	Hoke	129	New Hanover	165	Scotland
47	Columbus	101	Johnston	133	Onslow	191	Wayne
51	Cumberland	103	Jones	141	Pender		
61	Duplin	105	Lee	153	Richmond		
79	Greene	107	Lenoir	155	Robeson		

Survey Unit Code: 2 **Survey Unit Name:** Northern Coastal Plain

County code and county name							
13	Beaufort	53	Currituck	95	Hyde	143	Perquimans
15	Bertie	55	Dare	117	Martin	147	Pitt
29	Camden	65	Edgecombe	127	Nash	177	Tyrrell
31	Carteret	73	Gates	131	Northampton	187	Washington
41	Chowan	83	Halifax	137	Pamlico	195	Wilson
49	Craven	91	Hertford	139	Pasquotank		

Survey Unit Code: 3 **Survey Unit Name:** Piedmont

County code and county name							
1	Alamance	59	Davie	119	Mecklenburg	167	Stanly
3	Alexander	63	Durham	123	Montgomery	169	Stokes
7	Anson	67	Forsyth	135	Orange	171	Surry
25	Cabarrus	69	Franklin	145	Person	179	Union
33	Caswell	71	Gaston	149	Polk	181	Vance
35	Catawba	77	Granville	151	Randolph	183	Wake
37	Chatham	81	Guilford	157	Rockingham	185	Warren
45	Cleveland	97	Iredell	159	Rowan	197	Yadkin
57	Davidson	109	Lincoln	161	Rutherford		

Survey Unit Code: 4 **Survey Unit Name:** Mountains

County code and county name							
5	Alleghany	39	Cherokee	111	McDowell	189	Watauga
9	Ashe	43	Clay	113	Macon	193	Wilkes
11	Avery	75	Graham	115	Madison	199	Yancey
21	Buncombe	87	Haywood	121	Mitchell		
23	Burke	89	Henderson	173	Swain		
27	Caldwell	99	Jackson	175	Transylvania		

State Code: 38 **State Name:** North Dakota **State Abbreviation:** ND **Region/Station Code:** 23

Survey Unit Code: 1 **Survey Unit Name:** Eastern

County code and county name							
1	Adams	29	Emmons	57	Mercer	85	Sioux
3	Barnes	31	Foster	59	Morton	87	Slope
5	Benson	33	Golden Valley	61	Mountrail	89	Stark
7	Billings	35	Grand Forks	63	Nelson	91	Steele
9	Bottineau	37	Grant	65	Oliver	93	Stutsman
11	Bowman	39	Griggs	67	Pembina	95	Towner
13	Burke	41	Hettinger	69	Pierce	97	Trail
15	Burleigh	43	Kidder	71	Ramsey	99	Walsh
17	Cass	45	LaMoure	73	Ransom	101	Ward
19	Cavalier	47	Logan	75	Renville	103	Wells
21	Dickey	49	McHenry	77	Richland	105	Williams
23	Divide	51	McIntosh	79	Rolette		
25	Dunn	53	McKenzie	81	Sargent		
27	Eddy	55	McLean	83	Sheridan		

State Code: 39 State Name: Ohio State Abbreviation: OH Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: South-Central

County code and county name						
1	Adams	53	Gallia	87	Lawrence	145 Scioto
15	Brown	71	Highland	131	Pike	
25	Clermont	79	Jackson	141	Ross	

Survey Unit Code: 2 Survey Unit Name: Southeastern

County code and county name						
9	Athens	105	Meigs	127	Perry	167 Washington
73	Hocking	115	Morgan	163	Vinton	

Survey Unit Code: 3 Survey Unit Name: East-Central

County code and county name						
13	Belmont	59	Guernsey	81	Jefferson	121 Noble
19	Carroll	67	Harrison	111	Monroe	157 Tuscarawas
31	Coshocton	75	Holmes	119	Muskingum	

Survey Unit Code: 4 Survey Unit Name: Northeastern

County code and county name						
5	Ashland	55	Geauga	103	Medina	155 Trumbull
7	Ashtabula	77	Huron	133	Portage	169 Wayne
29	Columbiana	85	Lake	139	Richland	
35	Cuyahoga	93	Lorain	151	Stark	
43	Erie	99	Mahoning	153	Summit	

Survey Unit Code: 5 Survey Unit Name: Southwestern

County code and county name						
17	Butler	45	Fairfield	61	Hamilton	113 Montgomery
23	Clark	47	Fayette	89	Licking	129 Pickaway
27	Clinton	49	Franklin	97	Madison	135 Preble
37	Darke	57	Greene	109	Miami	165 Warren

Survey Unit Code: 6 Survey Unit Name: Northwestern

County code and county name						
3	Allen	63	Hancock	107	Mercer	149 Shelby
11	Auglaize	65	Hardin	117	Morrow	159 Union
21	Champaign	69	Henry	123	Ottawa	161 Van Wert
33	Crawford	83	Knox	125	Paulding	171 Williams
39	Defiance	91	Logan	137	Putnam	173 Wood
41	Delaware	95	Lucas	143	Sandusky	175 Wyandot
51	Fulton	101	Marion	147	Seneca	

State Code: 40 State Name: Oklahoma State Abbreviation: OK Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Southeast

County code and county name							
5	Atoka	29	Coal	79	Le Flore	127	Pushmataha
13	Bryan	61	Haskell	89	McCurtain		
23	Choctaw	77	Latimer	121	Pittsburg		

Survey Unit Code: 2 Survey Unit Name: Northeast

County code and county name							
1	Adair	41	Delaware	97	Mayes	115	Ottawa
21	Cherokee	91	McIntosh	101	Muskogee	135	Sequoyah

Survey Unit Code: 3 Survey Unit Name: North Central

County code and county name							
35	Craig	113	Osage	131	Rogers	145	Wagoner
37	Creek	117	Pawnee	143	Tulsa	147	Washington
105	Nowata	119	Payne				

Survey Unit Code: 4 Survey Unit Name: South Central

County code and county name							
19	Carter	81	Lincoln	95	Marshall	111	Okmulgee
27	Cleveland	83	Logan	99	Murray	123	Pontotoc
49	Garvin	85	Love	107	Okfuskee	125	Pottawatomie
63	Hughes	87	McClain	109	Oklahoma	133	Seminole
69	Johnston						

Survey Unit Code: 5 Survey Unit Name: Southwest

County code and county name							
9	Beckham	33	Cotton	57	Harmon	129	Roger Mills
11	Blaine	39	Custer	65	Jackson	137	Stephens
15	Caddo	43	Dewey	67	Jefferson	141	Tillman
17	Canadian	51	Grady	73	Kingfisher	149	Washita
31	Comanche	55	Greer	75	Kiowa		

Survey Unit Code: 6 Survey Unit Name: High Plains

County code and county name							
7	Beaver	45	Ellis	59	Harper	139	Texas
25	Cimarron						

Survey Unit Code: 7 Survey Unit Name: Great Plains

County code and county name							
3	Alfalfa	53	Grant	93	Major	151	Woods
47	Garfield	71	Kay	103	Noble	153	Woodward

State Code: 41 State Name: Oregon State Abbreviation: OR Region/Station Code: 26

Survey Unit Code: 0 Survey Unit Name: Northwest

County code and county name

5	Clackamas	27	Hood River	53	Polk	71	Yamhill
7	Clatsop	47	Marion	57	Tillamook		
9	Columbia	51	Multnomah	67	Washington		

Survey Unit Code: 1 Survey Unit Name: West Central

County code and county name

3	Benton	39	Lane	41	Lincoln	43	Linn
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Survey Unit Code: 2 Survey Unit Name: Southwest

County code and county name

11	Coos	19	Douglas	33	Josephine		
15	Curry	29	Jackson				

Survey Unit Code: 3 Survey Unit Name: Central

County code and county name

13	Crook	31	Jefferson	55	Sherman		
17	Deschutes	35	Klamath	65	Wasco		
21	Gilliam	37	Lake	69	Wheeler		

Survey Unit Code: 4 Survey Unit Name: Blue Mountains

County code and county name

1	Baker	25	Harney	49	Morrow	61	Union
23	Grant	45	Malheur	59	Umatilla	63	Wallowa

State Code: 42 State Name: Pennsylvania State Abbreviation: PA Region/Station Code: 24

Survey Unit Code: 0 Survey Unit Name: South Central

County code and county name					
43	Dauphin	61	Huntingdon	99	Perry
55	Franklin	67	Juniata	109	Snyder
57	Fulton	87	Mifflin	119	Union

Survey Unit Code: 5 Survey Unit Name: Western

County code and county name					
3	Allegheny	19	Butler	59	Greene 85 Mercer
5	Armstrong	39	Crawford	63	Indiana 125 Washington
7	Beaver	49	Erie	73	Lawrence 129 Westmoreland

Survey Unit Code: 6 Survey Unit Name: North Central/Allegheny

County code and county name					
23	Cameron	35	Clinton	81	Lycoming 117 Tioga
27	Centre	47	Elk	83	McKean 121 Venango
31	Clarion	53	Forest	105	Potter 123 Warren
33	Clearfield	65	Jefferson	113	Sullivan

Survey Unit Code: 7 Survey Unit Name: Southwestern

County code and county name					
9	Bedford	21	Cambria	111	Somerset
13	Blair	51	Fayette		

Survey Unit Code: 8 Survey Unit Name: Northeastern/Pocono

County code and county name					
15	Bradford	79	Luzerne	103	Pike 131 Wyoming
25	Carbon	89	Monroe	107	Schuylkill
37	Columbia	93	Montour	115	Susquehanna
69	Lackawanna	97	Northumberland	127	Wayne

Survey Unit Code: 9 Survey Unit Name: Southeastern

County code and county name					
1	Adams	41	Cumberland	77	Lehigh 133 York
11	Berks	45	Delaware	91	Montgomery
17	Bucks	71	Lancaster	95	Northampton
29	Chester	75	Lebanon	101	Philadelphia

State Code: 44 State Name: Rhode Island State Abbreviation: RI Region/Station Code: 24

Survey Unit Code: 1 Survey Unit Name: Rhode Island

County code and county name					
1	Bristol	5	Newport	9	Washington
3	Kent	7	Providence		

State Code: 45 State Name: South Carolina State Abbreviation: SC Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Southern Coastal Plain

County code and county name							
3	Aiken	11	Barnwell	29	Colleton	53	Jasper
5	Allendale	13	Beaufort	35	Dorchester	63	Lexington
9	Bamberg	17	Calhoun	49	Hampton	75	Orangeburg

Survey Unit Code: 2 Survey Unit Name: Northern Coastal Plain

County code and county name							
15	Berkeley	31	Darlington	51	Horry	69	Marlboro
19	Charleston	33	Dillon	55	Kershaw	79	Richland
25	Chesterfield	41	Florence	61	Lee	85	Sumter
27	Clarendon	43	Georgetown	67	Marion	89	Williamsburg

Survey Unit Code: 3 Survey Unit Name: Piedmont

County code and county name							
1	Abbeville	39	Fairfield	65	McCormick	83	Spartanburg
7	Anderson	45	Greenville	71	Newberry	87	Union
21	Cherokee	47	Greenwood	73	Oconee	91	York
23	Chester	57	Lancaster	77	Pickens		
37	Edgefield	59	Laurens	81	Saluda		

State Code: 46 State Name: South Dakota State Abbreviation: SD Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Eastern

County code and county name							
3	Aurora	37	Day	71	Jackson	107	Potter
5	Beadle	39	Deuel	73	Jerauld	109	Roberts
7	Bennett	41	Dewey	75	Jones	111	Sanborn
9	Bon Homme	43	Douglas	77	Kingsbury	115	Spink
11	Brookings	45	Edmunds	79	Lake	117	Stanley
13	Brown	49	Faulk	83	Lincoln	119	Sully
15	Brule	51	Grant	85	Lyman	121	Todd
17	Buffalo	53	Gregory	87	McCook	123	Tripp
21	Campbell	55	Haakon	89	McPherson	125	Turner
23	Charles Mix	57	Hamlin	91	Marshall	127	Union
25	Clark	59	Hand	95	Mellette	129	Walworth
27	Clay	61	Hanson	97	Miner	135	Yankton
29	Codington	65	Hughes	99	Minnehaha	137	Ziebach
31	Corson	67	Hutchinson	101	Moody		
35	Davison	69	Hyde	105	Perkins		

Survey Unit Code: 2 Survey Unit Name: Western

County code and county name							
19	Butte	47	Fall River	81	Lawrence	103	Pennington
33	Custer	63	Harding	93	Meade	113	Shannon

State Code: 47 **State Name:** Tennessee **State Abbreviation:** TN **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** West

County code and county name							
17	Carroll	53	Gibson	95	Lake	157	Shelby
23	Chester	69	Hardeman	97	Lauderdale	167	Tipton
33	Crockett	75	Haywood	109	McNairy	183	Weakley
45	Dyer	77	Henderson	113	Madison		
47	Fayette	79	Henry	131	Obion		

Survey Unit Code: 2 **Survey Unit Name:** West Central

County code and county name							
5	Benton	81	Hickman	99	Lawrence	161	Stewart
39	Decatur	83	Houston	101	Lewis	181	Wayne
71	Hardin	85	Humphreys	135	Perry		

Survey Unit Code: 3 **Survey Unit Name:** Central

County code and county name							
3	Bedford	41	DeKalb	117	Marshall	159	Smith
15	Cannon	43	Dickson	119	Mauzy	165	Sumner
21	Cheatham	55	Giles	125	Montgomery	169	Trousdale
27	Clay	87	Jackson	127	Moore	187	Williamson
31	Coffee	103	Lincoln	147	Robertson	189	Wilson
37	Davidson	111	Macon	149	Rutherford		

Survey Unit Code: 4 **Survey Unit Name:** Plateau

County code and county name							
7	Bledsoe	51	Franklin	133	Overton	153	Sequatchie
13	Campbell	61	Grundy	137	Pickett	175	Van Buren
35	Cumberland	115	Marion	141	Putnam	177	Warren
49	Fentress	129	Morgan	151	Scott	185	White

Survey Unit Code: 5 **Survey Unit Name:** East

County code and county name							
1	Anderson	59	Greene	93	Knox	145	Roane
9	Blount	63	Hamblen	105	Loudon	155	Sevier
11	Bradley	65	Hamilton	107	McMinn	163	Sullivan
19	Carter	67	Hancock	121	Meigs	171	Unicoi
25	Claiborne	73	Hawkins	123	Monroe	173	Union
29	Cocke	89	Jefferson	139	Polk	179	Washington
57	Grainger	91	Johnson	143	Rhea		

State Code: 48 **State Name:** Texas **State Abbreviation:** TX **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** Southeast

County code and county name							
5	Angelina	241	Jasper	351	Newton	455	Trinity
71	Chambers	245	Jefferson	361	Orange	457	Tyler
185	Grimes	289	Leon	373	Polk	471	Walker
199	Hardin	291	Liberty	403	Sabine	473	Waller
201	Harris	313	Madison	405	San Augustine		
225	Houston	339	Montgomery	407	San Jacinto		

Survey Unit Code: 2 **Survey Unit Name:** Northeast

County code and county name							
1	Anderson	183	Gregg	365	Panola	459	Upshur
37	Bowie	203	Harrison	387	Red River	467	Van Zandt
63	Camp	213	Henderson	401	Rusk	499	Wood
67	Cass	315	Marion	419	Shelby		
73	Cherokee	343	Morris	423	Smith		
159	Franklin	347	Nacogdoches	449	Titus		

Survey Unit Code: 3 **Survey Unit Name:** North Central

County code and county name							
15	Austin	121	Denton	217	Hill	337	Montague
21	Bastrop	123	De Witt	223	Hopkins	349	Navarro
41	Brazos	139	Ellis	231	Hunt	367	Parker
51	Burleson	145	Falls	237	Jack	379	Rains
55	Caldwell	147	Fannin	251	Johnson	395	Robertson
77	Clay	149	Fayette	257	Kaufman	397	Rockwall
85	Collin	161	Freestone	277	Lamar	439	Tarrant
89	Colorado	175	Goliad	285	Lavaca	477	Washington
97	Cooke	177	Gonzales	287	Lee	497	Wise
113	Dallas	181	Grayson	293	Limestone	503	Young
119	Delta	187	Guadalupe	331	Milam		

Survey Unit Code: 4 **Survey Unit Name:** South

County code and county name							
7	Aransas	157	Fort Bend	273	Kleberg	427	Starr
13	Atascosa	163	Frio	283	La Salle	469	Victoria
25	Bee	167	Galveston	297	Live Oak	479	Webb
39	Brazoria	215	Hidalgo	311	McMullen	481	Wharton
47	Brooks	239	Jackson	321	Matagorda	489	Willacy
57	Calhoun	247	Jim Hogg	323	Maverick	493	Wilson
61	Cameron	249	Jim Wells	355	Nueces	505	Zapata
127	Dimmit	255	Karnes	391	Refugio	507	Zavala
131	Duval	261	Kenedy	409	San Patricio		

Texas cont.

Texas cont.

Survey Unit Code: 5 Survey Unit Name: West Central

County code and county name							
19	Bandera	99	Coryell	267	Kimble	385	Real
27	Bell	105	Crockett	271	Kinney	399	Runnels
29	Bexar	133	Eastland	281	Lampasas	411	San Saba
31	Blanco	137	Edwards	299	Llano	413	Schleicher
35	Bosque	143	Erath	307	McCulloch	425	Somervell
49	Brown	171	Gillespie	309	McLennan	429	Stephens
53	Burnet	193	Hamilton	319	Mason	435	Sutton
59	Callahan	209	Hays	325	Medina	453	Travis
83	Coleman	221	Hood	327	Menard	463	Uvalde
91	Comal	259	Kendall	333	Mills	465	Val Verde
93	Comanche	265	Kerr	363	Palo Pinto	491	Williamson
95	Concho						

Survey Unit Code: 6 Survey Unit Name: Northwest

County code and county name							
3	Andrews	129	Donley	235	Irion	375	Potter
9	Archer	151	Fisher	253	Jones	381	Randall
11	Armstrong	153	Floyd	263	Kent	383	Reagan
17	Bailey	155	Foard	269	King	393	Roberts
23	Baylor	165	Gaines	275	Knox	415	Scurry
33	Borden	169	Garza	279	Lamb	417	Shackelford
45	Briscoe	173	Glasscock	295	Lipscomb	421	Sherman
65	Carson	179	Gray	303	Lubbock	431	Sterling
69	Castro	189	Hale	305	Lynn	433	Stonewall
75	Childress	191	Hall	317	Martin	437	Swisher
79	Cochran	195	Hansford	329	Midland	441	Taylor
81	Coke	197	Hardeman	335	Mitchell	445	Terry
87	Collingsworth	205	Hartley	341	Moore	447	Throckmorton
101	Cottle	207	Haskell	345	Motley	451	Tom Green
107	Crosby	211	Hemphill	353	Nolan	483	Wheeler
111	Dallam	219	Hockley	357	Ochiltree	485	Wichita
115	Dawson	227	Howard	359	Oldham	487	Wilbarger
117	Deaf Smith	233	Hutchinson	369	Parmer	501	Yoakum
125	Dickens						

Survey Unit Code: 7 Survey Unit Name: West

County code and county name							
43	Brewster	141	El Paso	371	Pecos	461	Upton
103	Crane	229	Hudsbeth	377	Presidio	475	Ward
109	Culberson	243	Jeff Davis	389	Reeves	495	Winkler
135	Ector	301	Loving	443	Terrell		

State Code: 49 State Name: Utah State Abbreviation: UT Region/Station Code: 22

Survey Unit Code: 1 Survey Unit Name: Northern

County code and county name

3	Box Elder	29	Morgan	43	Summit	51	Wasatch
5	Cache	33	Rich	45	Tooele	57	Weber
11	Davis	35	Salt Lake	49	Utah		

Survey Unit Code: 2 Survey Unit Name: Uinta

County code and county name

9	Daggett	13	Duchesne	47	Uintah		
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Survey Unit Code: 3 Survey Unit Name: Central

County code and county name

23	Juab	31	Piute	41	Sevier		
27	Millard	39	Sanpete	55	Wayne		

Survey Unit Code: 4 Survey Unit Name: Eastern

County code and county name

7	Carbon	15	Emery	19	Grand	37	San Juan
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Survey Unit Code: 5 Survey Unit Name: Southwestern

County code and county name

1	Beaver	21	Iron	53	Washington		
17	Garfield	25	Kane				

State Code: 50 State Name: Vermont State Abbreviation: VT Region/Station Code: 24

Survey Unit Code: 2 Survey Unit Name: Northern

County code and county name

5	Caledonia	11	Franklin	15	Lamoille	19	Orleans
9	Essex	13	Grand Isle	17	Orange	23	Washington

Survey Unit Code: 3 Survey Unit Name: Southern

County code and county name

1	Addison	7	Chittenden	25	Windham		
3	Bennington	21	Rutland	27	Windsor		

State Code: 51 State Name: Virginia State Abbreviation: VA Region/Station Code: 33

Survey Unit Code: 1 Survey Unit Name: Coastal Plain

County code and county name						
1	Accomack	85	Hanover	119	Middlesex	193 Westmoreland
25	Brunswick	87	Henrico	127	New Kent	199 York
33	Caroline	93	Isle Of Wight	131	Northampton	550 Chesapeake city
36	Charles City	95	James City	133	Northumberland	650 Hampton city
41	Chesterfield	97	King And Queen	149	Prince George	700 Newport News city
53	Dinwiddie	99	King George	159	Richmond	800 Suffolk city
57	Essex	101	King William	175	Southampton	810 Virginia Beach city
73	Gloucester	103	Lancaster	181	Surry	
81	Greensville	115	Mathews	183	Sussex	

Survey Unit Code: 2 Survey Unit Name: Southern Piedmont

County code and county name						
7	Amelia	37	Charlotte	111	Lunenburg	145 Powhatan
11	Appomattox	49	Cumberland	117	Mecklenburg	147 Prince Edward
19	Bedford	67	Franklin	135	Nottoway	
29	Buckingham	83	Halifax	141	Patrick	
31	Campbell	89	Henry	143	Pittsylvania	

Survey Unit Code: 3 Survey Unit Name: Northern Piedmont

County code and county name						
3	Albemarle	61	Fauquier	109	Louisa	157 Rappahannock
9	Amherst	65	Fluvanna	113	Madison	177 Spotsylvania
13	Arlington	75	Goochland	125	Nelson	179 Stafford
47	Culpeper	79	Greene	137	Orange	
59	Fairfax	107	Loudoun	153	Prince William	

Survey Unit Code: 4 Survey Unit Name: Northern Mountains

County code and county name						
5	Alleghany	43	Clarke	139	Page	171 Shenandoah
15	Augusta	45	Craig	161	Roanoke	187 Warren
17	Bath	69	Frederick	163	Rockbridge	
23	Botetourt	91	Highland	165	Rockingham	

Survey Unit Code: 5 Survey Unit Name: Southern Mountains

County code and county name						
21	Bland	71	Giles	167	Russell	195 Wise
27	Buchanan	77	Grayson	169	Scott	197 Wythe
35	Carroll	105	Lee	173	Smyth	
51	Dickenson	121	Montgomery	185	Tazewell	
63	Floyd	155	Pulaski	191	Washington	

Virginia cont.

Virginia cont.

Cities aggregated into other counties

City code and city name	Associated county code and county name	City code and city name	Associated county code and county name
510 Alexandria city	59 Fairfax	683 Manassas city	153 Prince William
515 Bedford city	19 Bedford	685 Manassas Park city	153 Prince William
520 Bristol city	191 Washington	690 Martinsville city	89 Henry
530 Buena Vista city	163 Rockbridge	710 Norfolk city	550 Chesapeake City
540 Charlottesville city	3 Albemarle	720 Norton city	195 Wise
560 Clifton Forge city	5 Allegheny	730 Petersburg city	53 Dinwiddie
570 Colonial Heights city	41 Chesterfield	730 Petersburg city	149 Prince George
580 Covington city	5 Allegheny	735 Poquoson city	199 York
590 Danville city	143 Pittsylvania	740 Portsmouth city	550 Chesapeake City
595 Emporia city	81 Greenville	750 Radford city	121 Montgomery
600 Fairfax city	59 Fairfax	760 Richmond city	41 Chesterfield
610 Falls Church city	59 Fairfax	760 Richmond city	87 Henrico
620 Franklin city	175 Southampton	770 Roanoke city	161 Roanoke
630 Fredericksburg city	177 Spotsylvania	775 Salem city	161 Roanoke
640 Galax city	35 Carroll	780 South Boston city	83 Halifax
640 Galax city	77 Grayson	790 Staunton city	15 Augusta
660 Harrisonburg city	165 Rockingham	820 Waynesboro city	15 Augusta
670 Hopewell city	149 Prince George	830 Williamsburg city	95 County of James City
678 Lexington city	163 Rockbridge	840 Winchester city	69 Frederick
680 Lynchburg city	31 Campbell		

State Code: 53 State Name: Washington State Abbreviation: WA Region/Station Code: 26

Survey Unit Code: 5 Survey Unit Name: Puget Sound
County code and county name
 29 Island 35 Kitsap 55 San Juan 61 Snohomish
 33 King 53 Pierce 57 Skagit 73 Whatcom

Survey Unit Code: 6 Survey Unit Name: Olympic Peninsula
County code and county name
 9 Clallam 31 Jefferson 67 Thurston
 27 Grays Harbor 45 Mason

Survey Unit Code: 7 Survey Unit Name: Southwest
County code and county name
 11 Clark 41 Lewis 59 Skamania
 15 Cowlitz 49 Pacific 69 Wahkiakum

Survey Unit Code: 8 Survey Unit Name: Central
County code and county name
 7 Chelan 37 Kittitas 47 Okanogan
 17 Douglas 39 Klickitat 77 Yakima

Survey Unit Code: 9 Survey Unit Name: Inland Empire
County code and county name
 1 Adams 19 Ferry 43 Lincoln 71 Walla Walla
 3 Asotin 21 Franklin 51 Pend Oreille 75 Whitman
 5 Benton 23 Garfield 63 Spokane
 13 Columbia 25 Grant 65 Stevens

State Code: 54 State Name: West Virginia State Abbreviation: WV Region/Station Code: 24

Survey Unit Code: 2 Survey Unit Name: Northeastern

County code and county name							
1	Barbour	31	Hardy	65	Morgan	91	Taylor
3	Berkeley	33	Harrison	71	Pendleton	93	Tucker
7	Braxton	37	Jefferson	75	Pocahontas	97	Upshur
23	Grant	41	Lewis	77	Preston	101	Webster
27	Hampshire	57	Mineral	83	Randolph		

Survey Unit Code: 3 Survey Unit Name: Southern

County code and county name							
5	Boone	39	Kanawha	59	Mingo	89	Summers
15	Clay	45	Logan	63	Monroe	109	Wyoming
19	Fayette	47	McDowell	67	Nicholas		
25	Greenbrier	55	Mercer	81	Raleigh		

Survey Unit Code: 4 Survey Unit Name: Northwestern

County code and county name							
9	Brooke	35	Jackson	69	Ohio	99	Wayne
11	Cabell	43	Lincoln	73	Pleasants	103	Wetzel
13	Calhoun	49	Marion	79	Putnam	105	Wirt
17	Doddridge	51	Marshall	85	Ritchie	107	Wood
21	Gilmer	53	Mason	87	Roane		
29	Hancock	61	Monongalia	95	Tyler		

State Code: 55 State Name: Wisconsin State Abbreviation: WI Region/Station Code: 23

Survey Unit Code: 1 Survey Unit Name: Northeastern

County code and county name							
37	Florence	69	Lincoln	83	Oconto	125	Vilas
41	Forest	75	Marinette	85	Oneida		
67	Langlade	78	Menominee	115	Shawano		

Survey Unit Code: 2 Survey Unit Name: Northwestern

County code and county name							
3	Ashland	13	Burnett	95	Polk	113	Sawyer
5	Barron	31	Douglas	99	Price	119	Taylor
7	Bayfield	51	Iron	107	Rusk	129	Washburn

Survey Unit Code: 3 Survey Unit Name: Central

County code and county name							
1	Adams	53	Jackson	81	Monroe	141	Wood
17	Chippewa	57	Juneau	97	Portage		
19	Clark	73	Marathon	135	Waupaca		
35	Eau Claire	77	Marquette	137	Waushara		

Survey Unit Code: 4 Survey Unit Name: Southwestern

County code and county name							
11	Buffalo	49	Iowa	93	Pierce	121	Trempealeau
23	Crawford	63	La Crosse	103	Richland	123	Vernon
33	Dunn	65	Lafayette	109	St. Croix		
43	Grant	91	Pepin	111	Sauk		

Survey Unit Code: 5 Survey Unit Name: Southeastern

County code and county name							
9	Brown	39	Fond du Lac	71	Manitowoc	117	Sheboygan
15	Calumet	45	Green	79	Milwaukee	127	Walworth
21	Columbia	47	Green Lake	87	Outagamie	131	Washington
25	Dane	55	Jefferson	89	Ozaukee	133	Waukesha
27	Dodge	59	Kenosha	101	Racine	139	Winnebago
29	Door	61	Kewaunee	105	Rock		

State Code: 56 **State Name:** Wyoming **State Abbreviation:** WY **Region/Station Code:** 22

Survey Unit Code: 1 **Survey Unit Name:** Western

County code and county name							
13	Fremont	23	Lincoln	35	Sublette	39	Teton
17	Hot Springs	29	Park	37	Sweetwater	41	Uinta

Survey Unit Code: 2 **Survey Unit Name:** Central and Southeastern

County code and county name							
1	Albany	9	Converse	21	Laramie	31	Platte
3	Big Horn	15	Goshen	25	Natrona	33	Sheridan
7	Carbon	19	Johnson	27	Niobrara	43	Washakie

Survey Unit Code: 3 **Survey Unit Name:** Northeastern

County code and county name					
5	Campbell	11	Crook	45	Weston

State Code: 72^a **State Name:** Puerto Rico **State Abbreviation:** PR **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** Mainland Puerto Rico

County code and county name							
1	Adjuntas	39	Ciales	77	Juncos	115	Quebradillas
3	Aguada	41	Cidra	79	Lajas	117	Rincón
5	Aguadilla	43	Coamo	81	Lares	119	Río Grande
7	Aguas Buenas	45	Comerio	83	Las Marías	121	Sabana Grande
9	Aibonito	47	Corozal	85	Las Piedras	123	Salinas
11	Añasco	51	Dorado	87	Loiza	125	San Germán
13	Arecibo	53	Fajardo	89	Luquillo	127	San Juan
15	Arroyo	54	Florida	91	Manatí	129	San Lorenzo
17	Barceloneta	55	Guánica	93	Maricao	131	San Sebastián
19	Barranquitas	57	Guayama	95	Maunabo	133	Santa Isabel
21	Bayamón	59	Guayanilla	97	Mayagüez ^b	135	Toa Alta
23	Cabo Rojo	61	Guaynabo	99	Moca	137	Toa Baja
25	Caguas	63	Gurabo	101	Morovis	139	Trujillo Alto
27	Camuy	65	Hatillo	103	Naguabo	141	Utua
29	Canóvanas	67	Hormigueros	105	Naranjito	143	Vega Alta
31	Carolina	69	Humacao	107	Orocovis	145	Vega Baja
33	Cataño	71	Isabela Municipio	109	Patillas	149	Villalba
35	Cayey	73	Jayuya	111	Peñuelas	151	Yabucoa
37	Ceiba	75	Juana Díaz	113	Ponce	153	Yauco

Survey Unit Code: 2 **Survey Unit Name:** Vieques

County code and county name	
147	Vieques

Survey Unit Code: 3 **Survey Unit Name:** Culebra

County code and county name	
49	Culebra

^aFIA estimates of Puerto Rico do not include the small outlying islands such as Desecheo, Caja de Muertos, etc.

^bMona Island is split from Mayagüez County (97) as a separate estimation unit for stratification. However, Mona Island is not a separate FIA survey unit because it is not a separate county (municipio); it is part of Mayagüez County.

State Code: 78 **State Name:** U.S. Virgin Islands **State Abbreviation:** VI **Region/Station Code:** 33

Survey Unit Code: 1 **Survey Unit Name:** St. Croix Island

County code and county name

10 St. Croix Island

Survey Unit Code: 2 **Survey Unit Name:** St. John Island

County code and county name

20 St. John Island

Survey Unit Code: 3 **Survey Unit Name:** St. Thomas Island

County code and county name

30 St. Thomas Island

Appendix D. Forest Type Codes and Names

Note: The forest type names used by FIA do not come from a single published reference. The current list of forest type names has been developed over time using sources such as historical FIA lists, lists from the Society of American Foresters, and FIA analysts who developed names to meet current analysis and reporting needs.

Code	Forest type / type group
100	White / red / jack pine group
101	Jack pine
102	Red pine
103	Eastern white pine
104	Eastern white pine / eastern hemlock
105	Eastern hemlock
120	Spruce / fir group
121	Balsam fir
122	White spruce
123	Red spruce
124	Red spruce / balsam fir
125	Black spruce
126	Tamarack
127	Northern white-cedar
128	Fraser fir
129	Red spruce / Fraser fir
140	Longleaf / slash pine group
141	Longleaf pine
142	Slash pine
150	Tropical softwoods group
151	Tropical pines
160	Loblolly / shortleaf pine group
161	Loblolly pine
162	Shortleaf pine
163	Virginia pine
164	Sand pine
165	Table mountain pine
166	Pond pine
167	Pitch pine
168	Spruce pine
170	Other eastern softwoods group
171	Eastern redcedar
172	Florida softwoods
180	Pinyon / juniper group
182	Rocky Mountain juniper
184	Juniper woodland
185	Pinyon / juniper woodland
200	Douglas-fir group
201	Douglas-fir
202	Port-Orford-cedar

Code	Forest type / type group
203	Bigcone Douglas-fir
220	Ponderosa pine group
221	Ponderosa pine
222	Incense-cedar
224	Sugar pine
225	Jeffrey pine
226	Coulter pine
240	Western white pine group
241	Western white pine
260	Fir / spruce / mountain hemlock group
261	White fir
262	Red fir
263	Noble fir
264	Pacific silver fir
265	Engelmann spruce
266	Engelmann spruce / subalpine fir
267	Grand fir
268	Subalpine fir
269	Blue spruce
270	Mountain hemlock
271	Alaska-yellow-cedar
280	Lodgepole pine group
281	Lodgepole pine
300	Hemlock / Sitka spruce group
301	Western hemlock
304	Western redcedar
305	Sitka spruce
320	Western larch group
321	Western larch
340	Redwood group
341	Redwood
342	Giant sequoia
360	Other western softwoods group
361	Knobcone pine
362	Southwestern white pine
363	Bishop pine
364	Monterey pine
365	Foxtail pine / bristlecone pine
366	Limber pine
367	Whitebark pine
368	Miscellaneous western softwoods
369	Western juniper
370	California mixed conifer group
371	California mixed conifer
380	Exotic softwoods group
381	Scotch pine
383	Other exotic softwoods

Code	Forest type / type group
384	Norway spruce
385	Introduced larch
390	Other softwoods group
391	Other softwoods
400	Oak / pine group
401	Eastern white pine / northern red oak / white ash
402	Eastern redcedar / hardwood
403	Longleaf pine / oak
404	Shortleaf pine / oak
405	Virginia pine / southern red oak
406	Loblolly pine / hardwood
407	Slash pine / hardwood
409	Other pine / hardwood
500	Oak / hickory group
501	Post oak / blackjack oak
502	Chestnut oak
503	White oak / red oak / hickory
504	White oak
505	Northern red oak
506	Yellow-poplar / white oak / northern red oak
507	Sassafras / persimmon
508	Sweetgum / yellow-poplar
509	Bur oak
510	Scarlet oak
511	Yellow-poplar
512	Black walnut
513	Black locust
514	Southern scrub oak
515	Chestnut oak / black oak / scarlet oak
516	Cherry / white ash / yellow-poplar
517	Elm / ash / black locust
519	Red maple / oak
520	Mixed upland hardwoods
600	Oak / gum / cypress group
601	Swamp chestnut oak / cherrybark oak
602	Sweetgum / Nuttall oak / willow oak
605	Overcup oak / water hickory
606	Atlantic white-cedar
607	Baldcypress / water tupelo
608	Sweetbay / swamp tupelo / red maple
609	Baldcypress / pondcypress
700	Elm / ash / cottonwood group
701	Black ash / American elm / red maple
702	River birch / sycamore
703	Cottonwood
704	Willow
705	Sycamore / pecan / American elm
706	Sugarberry / hackberry / elm / green ash
707	Silver maple / American elm
708	Red maple / lowland
709	Cottonwood / willow

Code	Forest type / type group
722	Oregon ash
800	Maple / beech / birch group
801	Sugar maple / beech / yellow birch
802	Black cherry
805	Hard maple / basswood
809	Red maple / upland
900	Aspen / birch group
901	Aspen
902	Paper birch
903	Gray birch
904	Balsam poplar
905	Pin cherry
910	Alder / maple group
911	Red alder
912	Bigleaf maple
920	Western oak group
921	Gray pine
922	California black oak
923	Oregon white oak
924	Blue oak
931	Coast live oak
933	Canyon live oak
934	Interior live oak
935	California white oak (valley oak)
940	Tanoak / laurel group
941	Tanoak
942	California laurel
943	Giant chinkapin
960	Other hardwoods group
961	Pacific madrone
962	Other hardwoods
970	Woodland hardwoods group
971	Deciduous oak woodland
972	Evergreen oak woodland
973	Mesquite woodland
974	Cercocarpus (mountain brush) woodland
975	Intermountain maple woodland
976	Miscellaneous woodland hardwoods
980	Tropical hardwoods group
982	Mangrove
983	Palms
984	Dry forest
985	Moist forest
986	Wet and rain forest
987	Lower montane wet and rain forest
989	Other tropical hardwoods

Code	Forest type / type group
990	Exotic hardwoods group
991	Paulownia
992	Melaleuca
993	Eucalyptus
995	Other exotic hardwoods
999	Nonstocked

Appendix E. Administrative National Forest Codes and Names

Region	Code	National Forest/Grassland/Area
Region 1	102	Beaverhead
	102	Beaverhead-Deerlodge [now combined]
	103	Bitterroot
	104	Idaho Panhandle
	105	Clearwater
	108	Custer
	109	Deerlodge
	110	Flathead
	111	Gallatin
	112	Helena
	114	Kootenai
	115	Lewis and Clark
	116	Lolo
	117	Nez Perce
	118	Dakota Prairie Grassland
	120	Cedar River NGL (National Grassland)
	121	Little Missouri NGL
	122	Sheyenne NGL
	124	Grand River NGL
199	Other NFS Areas	
Region 2	202	Bighorn
	203	Black Hills
	204	Grand Mesa-Uncompahgre-Gunnison
	206	Medicine Bow
	206	Medicine Bow-Routt [now combined]
	207	Nebraska
	209	Rio Grande
	210	Arapaho-Roosevelt
	211	Routt
	212	Pike and San Isabel
	213	San Juan
	214	Shoshone
	215	White River
	216	Samuel R Mckelvie
	217	Cimarron NGL
	218	Commanche NGL
	219	Pawnee NGL
	220	Oglala NGL
	221	Buffalo Gap NGL
222	Fort Pierre NGL	
223	Thunder Basin NGL	
299	Other NFS Areas	
Region 3	301	Apache-Sitgreaves
	302	Carson
	303	Cibola
	304	Coconino
	305	Coronado
	306	Gila
	307	Kaibab
	308	Lincoln
	309	Prescott
	310	Santa Fe
	312	Tonto
	399	Other NFS Areas
Region 4	401	Ashley
	402	Boise
	403	Bridger-Teton

Region	Code	National Forest/Grassland/Area
Region 4 cont.	405	Caribou
	406	Challis
	407	Dixie
	408	Fishlake
	409	Humboldt
	410	Manti-La Sal
	412	Payette
	413	Salmon
	413	Salmon-Challis [now combined]
	414	Sawtooth
	415	Targhee
	415	Caribou-Targhee [now combined]
	417	Toiyabe
	417	Humboldt-Toiyabe [now combined]
	418	Uinta
	419	Wasatch-Cache-Uinta [now combined]
	420	Desert Range Experiment Station
499	Other NFS Areas	
Region 5	501	Angeles
	502	Cleveland
	503	Eldorado
	504	Inyo
	505	Klamath
	506	Lassen
	507	Los Padres
	508	Mendocino
	509	Modoc
	510	Six Rivers
	511	Plumas
	512	San Bernardino
	513	Sequoia
	514	Shasta-Trinity
	515	Sierra
	516	Stanislaus
	517	Tahoe
519	Lake Tahoe Basin	
599	Other NFS Areas	
Region 6	601	Deschutes
	602	Fremont
	603	Gifford Pinchot
	604	Malheur
	605	Mt. Baker-Snoqualmie
	606	Mt. Hood
	607	Ochoco
	608	Okanogan
	609	Olympic
	610	Rogue River
	611	Siskiyou
	612	Siuslaw
	614	Umatilla
	615	Umpqua
	616	Wallowa-Whitman
	617	Wenatchee
	618	Willamette
	620	Winema
	621	Colville
622	Columbia River Gorge NSA	
650	Crooked River National Grassland	
699	Other NFS Areas	

Region	Code	National Forest/Grassland/Area
Region 8	801	NFS in Alabama
	802	Daniel Boone
	803	Chattahoochee-Oconee
	804	Cherokee
	805	NFS in Florida
	806	Kisatchie
	807	NFS in Mississippi
	808	George Washington
	809	Ouachita
	810	Ozark and St. Francis
	811	NFS in North Carolina
	812	Francis Marion-Sumter
	813	NFS in Texas
	814	Jefferson
	816	El Yunque
	836	Savannah River Site
860	Land Between the Lakes	
899	Other NFS areas	
Region 9	902	Chequamagon
	903	Chippewa
	904	Huron-Manistee
	905	Mark Twain
	906	Nicolet
	907	Ottawa
	908	Shawnee
	909	Superior
	910	Hiawatha
	912	Hoosier
	913	Chequamagon/Nicolet
	915	Midewin Tallgrass Prairie
	918	Wayne
	919	Allegheny
	920	Green Mountain
	921	Monongahela
922	White Mountain	
999	Other NFS areas	
Region 10	1004	Chugach
	1005	Tongass
	1099	Other NFS Areas
For Any Region	9999	Other Forest Service

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 G. The FIA work units listed are NC – (former) North Central, NE – (former) Northeastern, PNW – Pacific Northwest, RM – Rocky Mountain, and SO – Southern.

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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		
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
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

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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	
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	Chihuahua 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	

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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 elliotii</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
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		
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	Tree evergreen	9	24	2	X	X	X		X
300	acacia spp.	<i>Acacia</i> spp.	48	48	3			X		
303	sweet acacia	<i>Acacia farnesiana</i>	48	48	3					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

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit								
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO	
			East	West							
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
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				
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
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 laciniata</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
411	scrub hickory	<i>Carya floridana</i>	29	47	4						X
412	red hickory	<i>Carya ovalis</i>	29	47	4	X	X				X

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit								
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO	
			East	West							
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
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
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	curleaf 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 chrysoarpa</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
510	eucalyptus spp.	<i>Eucalyptus</i> spp.	42	47	4				X		X
511	Tasmanian bluegum	<i>Eucalyptus globulus</i>	43	47	4				X		
512	river redgum	<i>Eucalyptus camaldulensis</i>	43	47	4				X		
513	grand eucalyptus	<i>Eucalyptus grandis</i>	43	47	4				X		X
514	swampmahogany	<i>Eucalyptus robusta</i>	43	47	4						X
520	persimmon spp.	<i>Diospyros</i> spp.	43	47	4	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
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

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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
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		
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
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

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			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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
720	bay spp.	<i>Persea</i> spp.	43	47	3		X			X
721	redbay	<i>Persea borbonia</i>	41	47	3					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
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
745	plains cottonwood	<i>Populus deltoides</i> ssp. <i>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</i> ssp. <i>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
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
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

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			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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
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

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
852	sea torchwood	<i>Amyris elemifera</i>	43	47	3					X
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
856	gray sheoak	<i>Casuarina glauca</i>	43	47	3					X
857	belah	<i>Casuarina lepidophloia</i>	43	47	3					X
858	camphortree	<i>Cinnamomum camphora</i>	43	47	3					X
859	Florida fiddlewood	<i>Citharexylum fruticosum</i>	43	47	3					X
860	citrus spp.	<i>Citrus</i> spp.	43	47	3					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
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 leucaena	<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
886	Florida poisontree	<i>Metopium toxiferum</i>	43	47	3					X
887	fishpoison tree	<i>Piscidia piscipula</i>	43	47	3					X
888	octopus tree, schefflera	<i>Schefflera actinophylla</i>	43	47	3					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
897	tamarind	<i>Tamarindus indica</i>	43	47	3					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
909	royal palm spp.	<i>Roystonea</i> spp.	43	47	3					X
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	Family Arecaceae not listed above	43	47	3					X
		<i>Sapindus saponaria</i> var.								
919	western soapberry	<i>drummondii</i>	43	47	4	X				X
920	willow spp.	<i>Salix</i> spp.	43	47	3	X	X	X		X

SPCD	COMMON_NAME	Scientific Name	Occurrence by FIA work unit							
			SPGRPCD		MAJGRP	NC	NE	PNW	RM	SO
			East	West						
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
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
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
988	white-mangrove	<i>Laguncularia racemosa</i>	43	47	4					X
989	American mangrove	<i>Rhizophora mangle</i>	43	47	4					X
990	desert ironwood	<i>Olneya tesota</i>	48	48	4			X		
991	saltcedar	<i>Tamarix</i> spp.	43	47	3	X		X		
992	melaleuca	<i>Melaleuca quinquenervia</i>	41	47	3					X
993	chinaberry	<i>Melia azedarach</i>	43	47	4	X				X
994	Chinese tallowtree	<i>Triadica sebifera</i>	43	47	4					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

Appendix G. Tree Species Group Codes

<u>Species group name</u>	<u>Code</u>
Softwood species groups	
Eastern softwood species groups	
Longleaf and slash pines	1
Loblolly and shortleaf pines	2
Other yellow pines	3
Eastern white and red pines	4
Jack pine	5
Spruce and balsam fir	6
Eastern hemlock	7
Cypress	8
Other eastern softwoods	9
Western softwood species groups	
Douglas-fir	10
Ponderosa and Jeffrey pines	11
True fir	12
Western hemlock	13
Sugar pine	14
Western white pine	15
Redwood	16
Sitka spruce	17
Engelmann and other spruces	18
Western larch	19
Incense-cedar	20
Lodgepole pine	21
Western redcedar	22
Woodland softwoods	23
Other western softwoods	24
Hardwood species groups	
Eastern hardwood species groups	
Select white oaks	25
Select red oaks	26
Other white oaks	27
Other red oaks	28
Hickory	29
Yellow birch	30
Hard maple	31
Soft maple	32
Beech	33
Sweetgum	34
Tupelo and blackgum	35
Ash	36
Cottonwood and aspen	37
Basswood	38
Yellow-poplar	39
Black walnut	40
Other eastern soft hardwoods	41
Other eastern hard hardwoods	42
Eastern noncommercial hardwoods	43
Western hardwood species groups	
Cottonwood and aspen	44
Red alder	45
Oak	46
Other western hardwoods	47
Woodland hardwoods	48
Tropical and subtropical pines	51
Other tropical and subtropical softwoods	52
Tropical and subtropical palms	53
Tropical and subtropical hardwoods	54

Class I Agents

Agents		Severity	
Code	Agent	Code	Severity
Root diseases:			
60	General/other	1	Tree is a live tally tree within 30 ft of a tree or stump that has a root disease to which the tally tree is susceptible
61	Annosus root disease	2	Live tally tree with signs or symptoms diagnostic for root disease such as characteristic decay, stain, ectotrophic mycelia, mycelial fans, conks or excessive resin flow at the root collar. No visible crown deterioration.
62	Armillaria root disease	3	Live tally tree with signs or symptoms diagnostic for root disease such as characteristic decay, stain, ectotrophic mycelia, mycelial fans, conks, or excessive resin flow at the root collar. Visible crown deterioration such as thinning chlorotic foliage, reduced terminal growth, and/or stress cones.
63	Black stain root disease		
65	Laminated root rot		
66	Port-Orford-cedar root disease		
<hr/>			
Code	Agent	Code	Severity
White pine blister rust:			
36	White pine blister rust	1	Branch infections located more than 2.0 feet from tree bole.
		2	Branch infections located 0.5 to 2.0 feet from bole.
		3	Bole infections present, Or: branch infections within 0.5 feet of bole
<hr/>			
Code	Agent	Code	Severity
Sudden oak death (tanoak, coast live oak, black oak):			
31	Sudden oak death symptoms	1	Bleeding present on bole
		2	Bleeding present on bole and adjacent mortality present
		3	Laboratory confirmed sudden oak death

Class II Agents

		Agents		Severity	
	Code	Agent	Code	Severity	
Other insects:	20	General	1	Bottlebrush or shortened leaders, 0-2 forks on the tree's stem, Or: <20% of the branches affected, Or: <50% of the bole has visible larval galleries.	
	21	Shoot moths	2	3 or more forks on the tree's bole, Or: 20% or more of the branches are affected, Or: the terminal leader is dead, Or: ≥50% of the bole has visible larval galleries.	
	22	Weevils			
	23	Wood borers			
	24	Balsam wooly adelgid (aphid)			
	25	Sitka spruce terminal weevil			
Stem-branch cankers:	33	Diplodia blight	1	Branch infections present. <50% of the crown affected	
	40	General/other	2	Branch infections present. ≥50% of the crown affected, Or: any infection on the bole.	
	41	Western gall rust (<i>Pinus ponderosa</i> , <i>Pinus contorta</i>)			
	42	Commandra blister rust (<i>Pinus ponderosa</i>)			
	43	Stalactiform rust (<i>Pinus contorta</i>)			
	44	Atropellis canker (<i>Pinus</i> spp.)			
	45	Cytospora or Phomopsis (<i>Pseudotsuga menziesii</i> , <i>Abies</i> spp.)			
Pitch canker:	32	Pitch canker (CA <i>Pinus</i> spp.)	1	No bole canker + <10 infected branch tips	
			2	No bole canker + ≥10 infected branch tips	
			3	1 or more bole cankers + <10 infected branch tips	
			4	1 or more bole cankers + ≥10 infected branch tips	
Stem decays:	46	General/other	1	1 conk on the stem or present at ground level	
	47	Red ring rot (<i>Phellinus pini</i>)	2	2 or more conks separated by <16 feet on bole	
	48	Indian paint rot (<i>Echinodontium tinctorium</i>)			
	49	Brown cubical rot (<i>Phaeolus schweinitzii</i>)	3	2 or more conks separated by ≥16 feet on bole	
			4	No conks. Visible decay in the interior of the bole	

Class II Agents

		Agents		Severity	
Special agents:	Code	Agent	Code	Severity	
	50	Suppression	No severity rating		
	51	Excessively deformed sapling			
Foliar pathogens:	Code	Agent	Code	Severity	
	55	General/other	1	<20% of foliage affected, or <20% of the crown contains brooms.	
	56	Rhabdocline (only on <i>Pseudotsuga menziesii</i>)	2	≥20% of foliage affected, or ≥20% of the crown contains brooms.	
	57	Elytroderma (only on <i>Pinus ponderosa</i>)			
	58	Broom rusts (only on <i>Abies</i> , <i>Picea</i> , and <i>Juniperus occidentalis</i>)			
	59	Swiss needle cast (only on <i>Pseudotsuga menziesii</i>)			
Animal agents:	Code	Agent	Code	Severity	
	70	Animal; general/unknown	1	<20% of the crown is affected. Bole damage is restricted to less than half of circumference.	
	71	Mountain beaver			
	72	Livestock			
	73	Deer or elk	2	≥20% of the crown is affected. Bole damage to half or more of circumference.	
	74	Porcupines			
	75	Pocket gophers, squirrels, mice, voles, rabbits, hares			
	76	Beaver			
	77	Bear			
	78	Human (not logging)			
Weather agents:	Code	Agent	Code	Severity	
	80	Weather; general/unknown	1	<20% of the crown is affected.	
	81	Windthrow or wind breakage	2	≥20% of the crown is affected or any damage to the bole.	
	82	Snow/ice bending or breakage			
	83	Frost damage on shoots			
	84	Winter desiccation			
	85	Drought/moisture deficiency			
	86	Sun scald			
	87	Lightning			

Class II Agents

Agents			Severity	
Physical injury:	Code	Agent	Code	Severity
	90	Other; general/unknown	1	<20% of the crown is affected.
	91	Logging damage	2	≥20% of the crown is affected or any damage to the bole.
	92	Fire; basal scars or scorch		
	93	Improper planting		
	94	Air pollution or other chemical damage		
Physical defect:	Code	Agent	Code	Severity
	95	Unspecified physical defect	0	Severity is not rated
	96	Broken/missing top		
	97	Dead top		
	98	Forks and crooks (only if caused by old top out or dead top)		
	99	Checks/bole cracks		

Appendix I. FIA Inventories by State, Year, and Type

State code	State name	Date(s) of available periodic inventory data	Initiation of annual inventory
1	Alabama	1972, 1982, 1990	2000
2	Alaska	1998, 2003 ¹	2004
4	Arizona	1985, 1999	2001
5	Arkansas	1978, 1988, 1995	2000
6	California	1994 ¹	2001
8	Colorado	1984	2002
9	Connecticut	1985, 1998	2003
10	Delaware	1986, 1999	2004
12	Florida	1970, 1980, 1987, 1995	2002
13	Georgia	1972, 1982, 1989	1997
15	Hawaii	- ²	2010
16	Idaho	1991	2004
17	Illinois	1985, 1998	2001
18	Indiana	1986, 1998	1999
19	Iowa	1990	1999
20	Kansas	1981, 1994	2001
21	Kentucky	1988	2000
22	Louisiana	1974, 1984, 1991	2001
23	Maine	1995	1999
24	Maryland	1986, 1999	2004
25	Massachusetts	1985, 1998	2003
26	Michigan	1980, 1993	2000
27	Minnesota	1977, 1990	1999
28	Mississippi	1977, 1987, 1994	2006
29	Missouri	1989	1999
30	Montana	1989	2003
31	Nebraska	1983, 1994	2001
32	Nevada	1989	2004 ³
33	New Hampshire	1983, 1997	2002
34	New Jersey	1987, 1999	2004
35	New Mexico	1987, 1999	2005 ⁴
36	New York	1993	2002
37	North Carolina	1984, 1990	2002
38	North Dakota	1980, 1995	2001
39	Ohio	1991	2001
40	Oklahoma	1989 (central/west), 1976, 1986, 1993 (east)	2008 (east) 2009 (west)
41	Oregon	1999 ¹	2001
42	Pennsylvania	1989	2000
44	Rhode Island	1985, 1998	2003
45	South Carolina	1968, 1978, 1986, 1993	1999
46	South Dakota	1980, 1995	2001
47	Tennessee	1980, 1989	1999

State code	State name	Date(s) of available periodic inventory data	Initiation of annual inventory
48	Texas	1975, 1986, 1992	2001 (east) 2004 (west)
49	Utah	1993	2000
50	Vermont	1983, 1997	2003
51	Virginia	1977, 1985, 1992	1998
53	Washington	1991, 2001 ¹	2002
54	West Virginia	1989, 2000	2004
55	Wisconsin	1983, 1996	2000
56	Wyoming	1984, 2000	2011
72	Puerto Rico	- ²	2001
78	US Virgin Islands	- ²	2004

¹ Data will be available soon.

² Periodic inventories were not conducted.

³ Due to insufficient funding, annual inventory ceased after 2005. Sampling resumed in 2010 including plots that would have been measured in inventory years (INVYR) 2006-2009. Therefore, measurement year (MEASYR) is frequently different from INVYR.

⁴ Annual inventory sampling began in 2008. Due to the State of New Mexico receiving The American Recovery and Reinvestment Act of 2009 (ARRA) money, sampling was accelerated beginning in 2010 and broadened to include plots that would have been surveyed had the inventory started in 2005. Therefore, measurement year (MEASYR) is frequently different from inventory year (INVYR).

Appendix J. Biomass Estimation in the FIADB

In versions prior to FIADB 4.0, a variety of regional methods were used to estimate tree biomass for live and dead trees in the TREE table. Starting in FIADB 4.0, a new nationally consistent method of estimating tree biomass was implemented. This new approach, called the component ratio method (CRM) (Heath and others 2009), involves calculating the dry weight of individual components before estimating the total aboveground or belowground biomass. The CRM approach is based on:

- converting the sound volume of wood (VOLCFSND) in the merchantable bole to biomass using a compiled set of wood specific gravities (Miles and Smith 2009) (see REF_SPECIES table for values)
- calculating the biomass of bark on the merchantable bole using a compiled set of percent bark estimates and bark specific gravities (Miles and Smith 2009) (see REF_SPECIES table for values)
- calculating the biomass of the entire tree (total aboveground biomass), merchantable bole (including bark), and belowground biomass, using equations from Jenkins and others (2003)
- calculating the volume of the stump (wood and bark) based on equations in Raile (1982) and converting this to biomass using the same specific gravities used for the bole wood and bark
- calculating the top biomass (tree tip and all branches) by subtracting all other biomass components from the total aboveground estimate
- calculating an adjustment factor by developing a ratio between bole biomass calculated from VOLCFSND to bole biomass using equations from Jenkins and others (2003)
- applying the adjustment factor to all tree components derived from both Jenkins and Raile

The CRM approach is based on assumptions that the definition of merchantable bole in the volume prediction equations is equivalent to the bole (stem wood) in Jenkins and others (2003), and that the component ratios accurately apply.

The tables in this appendix describe the equations used, beginning in FIADB 4.0 to estimate components of tree biomass, including stem wood (bole), top and branches combined, bark, stump, and coarse roots. Most of these components are estimated through a series of ratio equations as described by Jenkins and others (2003). Stem wood biomass is calculated directly from the sound cubic-foot volume of the tree bole, percentage of bark on the bole, and specific gravities of both wood and bark.

The individual component biomass values for bole, top, and stump are not available in FIADB for sapling-size timber tree species and all woodland tree species. Because saplings (trees from 1 to 4.9 inches in diameter) have no volume in FIADB, a ratio method was developed to compute a factor that is applied to saplings based on diameter and species, and the result is stored in DRYBIO_SAPLING. For woodland species (trees where diameter is measured at the root collar [DRC]), volume is calculated from the root collar to a 1½-inch top diameter. Because this volume accounts for a larger portion of the tree than timber species volume equations do, it was determined that the top and stump equations were not applicable to woodland species. Woodland tree volume is converted to biomass and stored in DRYBIO_WDLD_SPP, which is an estimate for total aboveground biomass, excluding foliage, the tree tip (top of the tree above 1½ inches in diameter), and a portion of the stump from ground to DRC. Therefore, only total aboveground and belowground biomass values are estimated for saplings and woodland species.

Definitions of each biomass component and the equations used to estimate the oven-dry weight in pounds are shown in appendix tables J-1 through J-4.

- Appendix table J-1 defines the columns that are stored in the TREE table, and clarifies the set of trees (species, dimensions, live or dead, etc) that are used in each calculation.
- Appendix table J-2 defines the Jenkins component equations and explains how the equation results are used to estimate biomass. The 'Estimate name' in this table is the same name found in the coefficient definitions described in the biomass-related columns 38 to 49 of the REF_SPECIES table.
- Appendix table J-3 contains the Jenkins equations used to estimate each biomass component. The equations use the exact coefficient column names found in the REF_SPECIES table (for example, JENKINS_TOTAL_B1 in appendix table J-3 is the column name in REF_SPECIES that holds the value of the coefficient needed in the total aboveground biomass equation). The Jenkins equations use the measured tree diameter to produce an estimate.
- Appendix table J-4 contains the actual equations used in the FIADB to estimate the biomass components stored in the TREE table. These equations are a blend of Jenkins ratios, calculated bole biomass (based on calculated volume from the TREE table), and adjustment factors. The adjustment factor is an important step because it relates measurement-based bole biomass (DRYBIO_BOLE) to generalized equation-based bole biomass to improve or adjust the computed results of the Jenkins equations.

For more information please consult the publication by Heath and others (2009), titled *Investigation into Calculating Tree Biomass and Carbon in the FIADB Using a Biomass Expansion Factor Approach*.

Appendix table J-1. Definition of Biomass Components stored in the TREE table.

Component	Column name	Biomass Component Definition (all are oven-dry biomass, pounds)
Merchantable stem (bole)	DRYBIO_BOLE	Merchantable bole of the tree, includes stem wood and bark, from a 1-foot stump to a 4-inch top diameter. Based on VOLCFSND and specific gravity for the species. For timber species with a DIA \geq 5 inches. Includes live and dead trees. (Note that VOLCFGRS or VOLCFNET might be used after adjustment based on national averages, if VOLCFSND is not available.)
Top	DRYBIO_TOP	Top of the tree above 4 inches diameter and all branches; includes wood and bark and excludes foliage. For live and dead timber species with a DIA \geq 5 inches.
Stump	DRYBIO_STUMP	Stump of the tree, the portion of a tree bole from ground to 1 foot high, includes wood and bark. For live and dead timber species with a DIA \geq 5 inches.
Belowground	DRYBIO_BG	Coarse roots of trees and saplings with a DIA \geq 1 inch. For timber and woodland species, and live and dead trees.
Saplings	DRYBIO_SAPLING	Total aboveground portion of live trees, excluding foliage. For timber species with a DIA \geq 1 inch and $<$ 5 inches.
Woodland tree species	DRYBIO_WDLD_SPP	Total aboveground portion of a tree, excluding foliage, the tree tip (top of the tree above 1½ inches in diameter) and a portion of the stump from ground to DRC. For live and dead woodland species with a DIA \geq 1 inch. Woodland species are identified by REF_SPECIES.WOODLAND = X. Woodland species usually have TREE.DIAHTCD = 2 and TREE.WDLDSTEM $>$ 0

Appendix table J-2. Jenkins Biomass Component Equation Definitions
(Refer to the REF_SPECIES table for equation coefficients and adjustment factors).

Component	Estimate name	Definition
Total aboveground biomass	total_AG_biomass_Jenkins	Total biomass (oven-dry, pounds) of the aboveground portion of a tree. Includes stem wood, stump, bark, top, branches, and foliage.
Stem wood biomass ratio	stem_ratio	A ratio that estimates biomass of the merchantable bole of the tree by applying the ratio to total_AG_biomass_Jenkins. Includes wood only. This is the portion of the tree from a 1-foot stump to a 4-inch top diameter.
Stem bark biomass ratio	bark_ratio	A ratio that estimates biomass of the bark on the merchantable bole of the tree by applying the ratio to total_AG_biomass_Jenkins.
Foliage biomass ratio	foliage_ratio	A ratio that estimates biomass of the foliage on the entire tree by applying the ratio to total_AG_biomass_Jenkins.
Coarse root biomass ratio	root_ratio	A ratio that estimates biomass of the belowground portion of the tree by applying the ratio to total_AG_biomass_Jenkins.
Stump biomass	stump_biomass	An estimate of the stump biomass of a tree, from the ground to 1 foot high. Uses a series of equations that first estimates the inside and outside bark diameters, then estimates inside and outside bark volumes (Raile 1982). Wood and bark volumes are converted to biomass using specific gravity for the species.
Sapling biomass adjustment	JENKINS_SAPLING_ADJUSTMENT	An adjustment factor that is used to estimate sapling biomass for the tree by applying the factor to the total aboveground estimate, excluding foliage. The adjustment factor was computed as a national average ratio of the DRYBIOT (total dry biomass) divided by the Jenkins total biomass for all 5.0-inch trees, which is the size at which biomass, based on volume, begins. This is used on timber and woodland species.

Appendix table J-3. Jenkins Biomass Equations (Actual B1 and B2 coefficients and adjustment factors are stored in the REF_SPECIES table.) Note: These equations are used in appendix table J-4 to estimate the biomass components stored in the TREE table.

Component	Equation
total_AG_biomass_Jenkins (pounds) (total aboveground biomass, includes wood and bark for stump, bole, top, branches, and foliage)	$= \exp(\text{JENKINS_TOTAL_B1} + \text{JENKINS_TOTAL_B2} * \ln(\text{DIA} * 2.54)) * 2.2046$
stem_ratio	$= \exp(\text{JENKINS_STEM_WOOD_RATIO_B1} + \text{JENKINS_STEM_WOOD_RATIO_B2} / (\text{DIA} * 2.54))$
bark_ratio	$= \exp(\text{JENKINS_STEM_BARK_RATIO_B1} + \text{JENKINS_STEM_BARK_RATIO_B2} / (\text{DIA} * 2.54))$
foliage_ratio	$= \exp(\text{JENKINS_FOLIAGE_RATIO_B1} + \text{JENKINS_FOLIAGE_RATIO_B2} / (\text{DIA} * 2.54))$
root_ratio	$= \exp(\text{JENKINS_ROOT_RATIO_B1} + \text{JENKINS_ROOT_RATIO_B2} / (\text{DIA} * 2.54))$
stem_biomass_Jenkins (pounds)	$= \text{total_AG_biomass_Jenkins} * \text{stem_ratio}$
bark_biomass_Jenkins (pounds)	$= \text{total_AG_biomass_Jenkins} * \text{bark_ratio}$
bole_biomass_Jenkins (pounds)	$= \text{stem_biomass_Jenkins} + \text{bark_biomass_Jenkins}$
foliage_biomass_Jenkins (pounds)	$= \text{total_AG_biomass_Jenkins} * \text{foliage_ratio}$
root_biomass_Jenkins (pounds)	$= \text{total_AG_biomass_Jenkins} * \text{root_ratio}$
stump_biomass_Jenkins (pounds)	Volumes of wood and bark are based on diameter inside bark (DIB) and DOB equations from Raile 1982. $\text{DIB} = (\text{DIA} * \text{RAILE_STUMP_DIB_B1}) + (\text{DIA} * \text{RAILE_STUMP_DIB_B2} * (4.5 - \text{HT}) / (\text{HT} + 1))$ $\text{DOB} = \text{DIA} + (\text{DIA} * \text{RAILE_STUMP_DOB_B1} * (4.5 - \text{HT}) / (\text{HT} + 1))$ Volume is estimated for 0.1ft (HT) slices from ground to 1 foot high (HT), and summed to compute stump volume. $\text{Bark_volume} = \text{Volume_outside_bark} - \text{Volume_inside_bark}$ Bark and wood volumes are multiplied by their respective specific gravities and added together to estimate biomass
top_biomass_Jenkins (pounds)	$= \text{total_AG_biomass_Jenkins} - \text{stem_biomass_Jenkins} - \text{bark_biomass_Jenkins} - \text{foliage_biomass_Jenkins} - \text{stump_biomass_Jenkins}$

Appendix table J-4. Equations used to calculate Biomass Components stored in the TREE table

Column name	Equation (refer to appendix J-3 for details on variables found in equations below)
	<p>AdjFac = DRYBIO_BOLE / bole_biomass_Jenkins AdjFac_woodland = DRYBIO_WDLD_SPP / (total_AG_biomass_Jenkins – foliage_biomass_Jenkins)</p>
<p>DRYBIO_BOLE (wood and bark) (see note below) (timber species only)</p>	<p>VOLUME = VOLCFSND (or VOLCFGRS, VOLCFNET that are adjusted for the percent sound) Volume = includes the volume of wood from a 1-foot stump to a 4-inch top diameter</p> <p>= (VOLUME * (BARK_VOL_PCT / 100.0) * (BARK_SPGR_GREENVOL_DRYWT * 62.4)) + (VOLUME * (WOOD_SPGR_GREENVOL_DRYWT * 62.4))</p>
<p>DRYBIO_TOP (timber species only)</p>	<p>= top_biomass_Jenkins * AdjFac</p>
<p>DRYBIO_STUMP (timber species only)</p>	<p>= stump_biomass_Jenkins * AdjFac</p>
<p>DRYBIO_SAPLING (timber species only)</p>	<p>= (total_AG_biomass_Jenkins – foliage_biomass_Jenkins) * JENKINS_SAPLING_ADJUSTMENT</p>
<p>DRYBIO_WDLD_SPP (woodland species only)</p>	<p>With a few exceptions, woodland species are identified by REF_SPECIES.WOODLAND = X. Woodland species usually have TREE.DIAHTCD = 2 and TREE.WDLDSTEM >0.</p> <p>For woodland species, volume equations produce volume of wood and bark, from DRC to a 1½-inch top diameter, and includes branches. Biomass equations for each component are not available, therefore stem volume is converted to biomass and stored in DRYBIO_WDLD_SPP. This is an estimate of total aboveground biomass for woodland species, which includes wood and bark for the stem and branches and excludes foliage, the tree tip (top of the tree above 1½ inches in diameter), and a portion of the stump from the ground to the point of diameter measurement.</p> <p>For trees with a DRC ≥5 inches: VOLUME = VOLCFSND (or VOLCFGRS, VOLCFNET that are adjusted for the percent sound) VOLUME = includes the volume of wood, bark, and branches</p>

	<p>Wood and bark volumes need to be separated before converting to biomass as follows: $= (\text{VOLUME} * (\text{BARK_VOL_PCT} / 100.0) * (\text{BARK_SPGR_GREENVOL_DRYWT} * 62.4)) +$ $((\text{VOLUME} - (\text{VOLUME} * (\text{BARK_VOL_PCT} / 100.0))) * (\text{WOOD_SPGR_GREENVOL_DRYWT} * 62.4))$</p> <p>For trees with a DRC <5 inches: $= (\text{total_AG_biomass_Jenkins} - \text{foliage_biomass_Jenkins}) * \text{JENKINS_SAPLING_ADJUSTMENT}$</p>
<p>DRYBIO_BG (timber and woodland species)</p>	<p>$= \text{root_biomass_Jenkins} * \text{AdjFac}$ (for timber spp ≥ 5 inches DBH) $= \text{root_biomass_Jenkins} * \text{JENKINS_SAPLING_ADJUSTMENT}$ (for timber species <5 inches DBH) $= \text{root_biomass_Jenkins} * \text{AdjFac_woodland}$ (for woodland species ≥ 1 inch DRC)</p>
<p>Note: If DIA ≥ 5.0 and VOLCFSND >0 then VOLUME = VOLCFSND If DIA ≥ 5.0 and VOLCFSND = (0 or null) and VOLCFGRS >0 then VOLUME = VOLCFGRS * Percent Sound If DIA ≥ 5.0 and VOLCFSND and VOLCFGRS = (0 or null) then VOLUME = VOLCFNET * (Average ratio of cubic foot sound to cubic foot net volume, calculated as national averages by species group and diameter)</p>	

Appendix K. Caribbean Tree Species Codes, Names, and Occurrences

Major groups (MAJGRP) are (1) pines, (2) other softwoods, (3) soft hardwoods, and (4) hard hardwoods. The species groups (SPGRPCD) can be found in appendix G.

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
0050	cypress	<i>Cupressus</i> spp.	52	2
0100	pine spp.	<i>Pinus</i> spp.	51	1
0223	Montezuma baldcypress	<i>Taxodium mucronatum</i>	52	2
0240	Thuja spp.	<i>Thuja</i> spp.	52	2
0299	Unknown dead conifer	<i>Tree evergreen</i>	52	2
0300	acacia spp.	<i>Acacia</i> spp.	54	3
0303	sweet acacia	<i>Acacia farnesiana</i>	54	3
0450	catalpa spp.	<i>Catalpa</i> spp.	54	4
0460	hackberry spp.	<i>Celtis</i>	54	3
0510	eucalyptus spp.	<i>Eucalyptus</i> spp.	54	4
511	Tasmanian bluegum	<i>Eucalyptus globulus</i>	54	4
0513	grand eucalyptus	<i>Eucalyptus grandis</i>	54	4
0514	swampmahogany	<i>Eucalyptus robusta</i>	54	4
0520	persimmon spp.	<i>Diospyros</i> spp.	54	4
0540	ash spp.	<i>Fraxinus</i> spp.	54	3
0600	walnut spp.	<i>Juglans</i> spp.	54	4
0650	magnolia spp.	<i>Magnolia</i> spp.	54	3
0680	mulberry spp.	<i>Morus</i> spp.	54	4
0681	white mulberry	<i>Morus alba</i>	54	4
0684	black mulberry	<i>Morus nigra</i>	54	4
0720	bay spp.	<i>Persea</i> spp.	54	3
7211	avocado	<i>Persea americana</i>	54	3
0755	mesquite spp.	<i>Prosopis</i> spp.	54	4
0760	cherry and plum spp.	<i>Prunus</i> spp.	54	4
0852	sea torchwood	<i>Amyris elemifera</i>	54	3
0853	pond-apple	<i>Annona glabra</i>	54	3
0854	gumbo limbo	<i>Bursera simaruba</i>	54	3
0855	sheoak spp.	<i>Casuarina</i> spp.	54	3
0856	gray sheoak	<i>Casuarina glauca</i>	54	3
0857	belah	<i>Casuarina lepidophloia</i>	54	3
0858	camphortree	<i>Cinnamomum camphora</i>	54	3
0859	Florida fiddlewood	<i>Citharexylum fruticosum</i>	54	3
0860	citrus spp.	<i>Citrus</i> spp.	54	3
0863	tietongue, pigeon-plum	<i>Coccoloba diversifolia</i>	54	3
0864	soldierwood	<i>Colubrina elliptica</i>	54	3
0865	largeleaf geigertree	<i>Cordia sebestena</i>	54	3
0873	red stopper	<i>Eugenia rhombea</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
0874	butterbough, inkwood	<i>Exothea paniculata</i>	54	3
0877	wild banyantree, shortleaf fig	<i>Ficus citrifolia</i>	54	3
0882	beefree, longleaf bolly	<i>Guapira discolor</i>	54	3
0883	manchineel	<i>Hippomane mancinella</i>	54	3
0884	false tamarind	<i>Lysiloma latisiliquum</i>	54	3
0885	mango	<i>Mangifera indica</i>	54	3
0886	Florida poisontree	<i>Metopium toxiferum</i>	54	3
0888	octopus tree, schefflera	<i>Schefflera actinophylla</i>	54	3
0890	false mastic	<i>Sideroxylon foetidissimum</i>	54	3
0891	white bully, willow bustic	<i>Sideroxylon salicifolium</i>	54	3
0897	tamarind	<i>Tamarindus indica</i>	54	3
0908	coconut palm	<i>Cocos nucifera</i>	53	3
0909	royal palm spp.	<i>Roystonea</i> spp.	53	3
0913	key thatch palm	<i>Thrinax morrisii</i>	53	3
914	Florida thatch palm	<i>Thrinax radiata</i>	54	3
0920	willow spp.	<i>Salix</i> spp.	54	3
0940	West Indian mahogany	<i>Swietenia mahagoni</i>	54	4
0986	black-mangrove	<i>Avicennia germinans</i>	54	4
0987	Buttonwood-mangrove	<i>Conocarpus erectus</i>	54	4
0988	white-mangrove	<i>Laguncularia racemosa</i>	54	4
0989	American mangrove	<i>Rhizophora mangle</i>	54	4
0991	Saltcedar	<i>Tamarix</i> spp.	54	3
0992	melaleuca, punktree	<i>Melaleuca quinquenervia</i>	54	3
0993	chinaberry	<i>Melia azedarach</i>	54	4
995	tungoil tree	<i>Vernicia fordii</i>	54	4
0998	unknown dead hardwood	<i>Tree broadleaf</i>	54	3
0999	other or unknown live tree	<i>Tree unknown</i>	54	3
6001	blackbrush wattle	<i>Acacia anegadensis</i>	54	3
6008	porknut	<i>Acacia macracantha</i>	54	3
6009	Acacia mangium	<i>Acacia mangium</i>	54	3
6012	spineless wattle	<i>Acacia muricata</i>	54	3
6013	gum arabic tree	<i>Acacia nilotica</i>	54	3
6015	Acacia polyacantha	<i>Acacia polyacantha</i>	54	3
6018	poponax	<i>Acacia tortuosa</i>	54	3
6021	hollowheart	<i>Acnistus arborescens</i>	54	3
6023	grugru palm	<i>Acrocomia media</i>	53	3
6025	baobab	<i>Adansonia digitata</i>	54	3
6026	wild lime	<i>Adelia ricinella</i>	54	3
6028	red beadtrees	<i>Adenantha pavonina</i>	54	3
6032	Caribbean spiritweed	<i>Aegiphila martinicensis</i>	54	3
6036	kauri	<i>Agathis australis</i>	54	3
6037	Queensland kauri	<i>Agathis robusta</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6053	Aiphanes minima	<i>Aiphanes minima</i>	54	3
6055	cream albizia	<i>Albizia adinocephala</i>	54	3
6056	naked albizia	<i>Albizia carbonaria</i>	54	3
6059	woman's tongue	<i>Albizia lebbbeck</i>	54	3
6060	tall albizia	<i>Albizia procera</i>	54	3
6064	achiotillo	<i>Alchornea latifolia</i>	54	3
6066	palo de gallina	<i>Alchorneopsis floribunda</i>	54	3
6075	Indian walnut	<i>Aleurites moluccana</i>	54	3
6080	palo blanco	<i>Allophylus crassinervis</i>	54	3
6082	palo de caja	<i>Allophylus racemosus</i>	54	3
6092	helecho gigante de la sierra	<i>Alsophila bryophila</i>	54	3
6093	Alsophila portoricensis	<i>Alsophila portoricensis</i>	54	3
6101	black calabash	<i>Amphitecna latifolia</i>	54	3
6103	balsam torchwood	<i>Amyris balsamifera</i>	54	3
6106	anacardium	<i>Anacardium spp.</i>	54	3
6107	cashew	<i>Anacardium occidentale</i>	54	3
6111	Anadenanthera peregrina	<i>Anadenanthera peregrina</i>	54	3
6114	cabbagebark tree	<i>Andira inermis</i>	54	3
6120	canelillo	<i>Aniba bracteata</i>	54	3
6124	Annona cherimola	<i>Annona cherimola</i>	54	3
6125	ilama	<i>Annona diversifolia</i>	54	3
6127	mountain soursop	<i>Annona montana</i>	54	3
6128	soursop	<i>Annona muricata</i>	54	3
6129	custard apple	<i>Annona reticulata</i>	54	3
6131	sugar apple	<i>Annona squamosa</i>	54	3
6137	Antidesma bunius	<i>Antidesma bunius</i>	54	3
6146	placa chiquitu	<i>Antirhea acutata</i>	54	3
6147	pegwood	<i>Antirhea coriacea</i>	54	3
6149	palo iloron	<i>Antirhea lucida</i>	54	3
6150	quina roja	<i>Antirhea obtusifolia</i>	54	3
6151	Puerto Rico quina	<i>Antirhea portoricensis</i>	54	3
6152	Sintenis' quina	<i>Antirhea sintenisii</i>	54	3
6154	parana pine	<i>Araucaria angustifolia</i>	54	3
6157	Norfolk Island pine	<i>Araucaria heterophylla</i>	54	3
6162	ausubon	<i>Ardisia glauciflora</i>	54	3
6163	mountain marlberry	<i>Ardisia luquillensis</i>	54	3
6164	Guadeloupe marlberry	<i>Ardisia obovata</i>	54	3
6165	China-shrub	<i>Ardisia solanacea</i>	54	3
6171	breadfruit	<i>Artocarpus altilis</i>	54	3
6173	Artocarpus heterophyllus	<i>Artocarpus heterophyllus</i>	54	3
6198	carambola	<i>Averrhoa carambola</i>	54	3
6206	neem	<i>Azadirachta indica</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6216	common bamboo	<i>Bambusa vulgaris</i>	54	3
6217	Puerto Rico palo de ramon	<i>Banara portoricensis</i>	54	3
6219	Vanderbilt's palo de ramon	<i>Banara vanderbiltii</i>	54	3
6220	sea putat	<i>Barringtonia asiatica</i>	54	3
6224	Bastardiopsis eggersii	<i>Bastardiopsis eggersii</i>	54	3
6226	Napoleon's plume	<i>Bauhinia monandra</i>	54	3
6227	petite flamboyant bauhinia	<i>Bauhinia multinervia</i>	54	3
6228	railroadfence	<i>Bauhinia pauletia</i>	54	3
6229	butterfly tree	<i>Bauhinia purpurea</i>	54	3
6231	St. Thomas tree	<i>Bauhinia tomentosa</i>	54	3
6232	mountain ebony	<i>Bauhinia variegata</i>	54	3
6233	slugwood	<i>Beilschmiedia pendula</i>	54	3
6235	Caribbean myrtlecroton	<i>Bernardia dichotoma</i>	54	3
6238	lipsticktree	<i>Bixa orellana</i>	54	3
6240	akee	<i>Blighia sapida</i>	54	3
6247	parrotweed	<i>Bocconia frutescens</i>	54	3
6251	white alling	<i>Bontia daphnoides</i>	54	3
6253	Bourreria radula	<i>Bourreria radula</i>	54	3
6255	bodywood	<i>Bourreria succulenta</i>	54	3
6257	roble de guayo	<i>Bourreria virgata</i>	54	3
6270	West Indian sumac	<i>Brunellia comocladifolia</i>	54	3
6272	American brunfelsia	<i>Brunfelsia americana</i>	54	3
6273	Serpentine Hill raintree	<i>Brunfelsia densifolia</i>	54	3
6274	vega blanca	<i>Brunfelsia lactea</i>	54	3
6275	Puerto Rico raintree	<i>Brunfelsia portoricensis</i>	54	3
6283	fourleaf buchenavia	<i>Buchenavia tetraphylla</i>	54	3
6284	gregorywood	<i>Bucida buceras</i>	54	3
6294	cafe falso	<i>Bunchosia glandulifera</i>	54	3
6295	cafe forastero	<i>Bunchosia glandulosa</i>	54	3
6297	Bunchosia polystachia	<i>Bunchosia polystachia</i>	54	3
6303	Buxus laevigata	<i>Buxus laevigata</i>	54	3
6304	Puerto Rico box	<i>Buxus portoricensis</i>	54	3
6306	Vahl's box	<i>Buxus vahlII</i>	54	3
6308	maricao cimun	<i>Byrsonima crassifolia</i>	54	3
6311	Long Key locustberry	<i>Byrsonima lucida</i>	54	3
6313	doncella	<i>Byrsonima spicata</i>	54	3
6315	almendrillo	<i>Byrsonima wadsworthii</i>	54	3
6316	nicker	<i>Caesalpinia spp.</i>	54	3
6317	divi divi	<i>Caesalpinia coriaria</i>	54	3
6319	pride-of-Barbados	<i>Caesalpinia pulcherrima</i>	54	3
6320	sappanwood	<i>Caesalpinia sappan</i>	54	3
6325	Surinamese stickpea	<i>Calliandra surinamensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6326	caparosa	<i>Callicarpa ampla</i>	54	3
6328	crimson bottlebrush	<i>Callistemon citrinus</i>	54	3
6331	Callitris columellaris	<i>Callitris columellaris</i>	52	2
6337	Caloncoba echinata	<i>Caloncoba echinata</i>	54	3
6338	Antilles calophyllum	<i>Calophyllum antillanum</i>	54	3
6341	Alexandrian laurel	<i>Calophyllum inophyllum</i>	54	3
6346	roostertree	<i>Calotropis procera</i>	54	3
6350	degame	<i>Calycophyllum candidissimum</i>	54	3
6351	Kiaerskov's lidflower	<i>Calyptanthes kiaerskovii</i>	54	3
6352	limoncillo	<i>Calyptanthes krugii</i>	54	3
6353	Luquillo forest lidflower	<i>Calyptanthes luquillensis</i>	54	3
6354	pale lidflower	<i>Calyptanthes pallens</i>	54	3
6355	Puerto Rico lidflower	<i>Calyptanthes portoricensis</i>	54	3
6356	limoncillo de monte	<i>Calyptanthes sintenisii</i>	54	3
6358	Thomas' lidflower	<i>Calyptanthes thomasi</i>	54	3
6359	myrtle of the river	<i>Calyptanthes zuzygium</i>	53	3
6360	Puerto Rico manac	<i>Calytronoma rivalis</i>	54	3
6370	ilang-ilang	<i>Cananga odorata</i>	54	3
6380	wild cinnamon	<i>Canella winteriana</i>	54	3
6383	burro blanco	<i>Capparis amplissima</i>	54	3
6384	caper	<i>Capparis baducca</i>	54	3
6386	Jamaican caper	<i>Capparis cynophallophora</i>	54	3
6387	false-teeth	<i>Capparis flexuosa</i>	54	3
6389	broadleaf caper	<i>Capparis hastata</i>	54	3
6390	linguam	<i>Capparis indica</i>	54	3
6393	crabwood	<i>Carapa guianensis</i>	54	3
6395	papaya	<i>Carica papaya</i>	54	3
6402	rabo de ranton	<i>Casearia aculeata</i>	54	3
6403	gia verde	<i>Casearia arborea</i>	54	3
6406	wild honeytree	<i>Casearia decandra</i>	54	3
6407	Guyanese wild coffee	<i>Casearia guianensis</i>	54	3
6410	crackopen	<i>Casearia sylvestris</i>	54	3
6415	golden shower	<i>Cassia fistula</i>	54	3
6417	pink shower	<i>Cassia grandis</i>	54	3
6418	apple blossom	<i>Cassia javanica</i>	54	3
6425	marbletree	<i>Cassine xylocarpa</i>	54	3
6427	goatwood	<i>Cassipourea guianensis</i>	54	3
6429	goatbush	<i>Castela erecta</i>	54	3
6430	Panama rubber-tree	<i>Castilla elastica</i>	54	3
6433	river sheoak	<i>Casuarina cunninghamiana</i>	54	3
6434	beach sheoak	<i>Casuarina equisetifolia</i>	54	3
6439	Haitian catalpa	<i>Catalpa longissima</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6443	pumpwood	<i>Cecropia schreberiana</i>	54	3
6445	Spanish cedar	<i>Cedrela odorata</i>	54	3
6447	pochote	<i>Ceiba acuminata</i>	54	3
6448	pochote	<i>Ceiba aesculifolia</i>	54	3
6449	kapoktree	<i>Ceiba pentandra</i>	54	3
6454	almex	<i>Celtis trinervia</i>	54	3
6457	St. John's bread	<i>Ceratonia siliqua</i>	54	3
6468	lady of the night cactus	<i>Cereus hexagonus</i>	54	3
6469	<i>Cereus hildmannianus</i>	<i>Cereus hildmannianus</i>	54	3
6474	day jessamine	<i>Cestrum diurnum</i>	54	3
6475	galen del monte	<i>Cestrum laurifolium</i>	54	3
6477	night jessamine	<i>Cestrum nocturnum</i>	54	3
6481	jointed sandmat	<i>Chamaesyce articulata</i>	54	3
6519	hueso	<i>Chionanthus axilliflorus</i>	54	3
6520	bridgotree	<i>Chionanthus compactus</i>	54	3
6521	white rosewood	<i>Chionanthus domingensis</i>	54	3
6522	hueso prieto	<i>Chionanthus holdridgei</i>	54	3
6523	cabra blanca	<i>Chionanthus ligustrinus</i>	54	3
6526	puntaj jayuya	<i>Chione seminervis</i>	54	3
6528	fatpork	<i>Chione venosa</i>	54	3
6529	african teak	<i>Chlorophora excelsa</i>	54	3
6532	silk-floss tree	<i>Chorisia speciosa</i>	54	3
6535	icaco coco plum	<i>Chrysobalanus icaco</i>	54	3
6539	bastard redwood	<i>Chrysophyllum argenteum</i>	54	3
6541	star apple	<i>Chrysophyllum cainito</i>	54	3
6542	satinleaf	<i>Chrysophyllum oliviforme</i>	54	3
6543	camito de perro	<i>Chrysophyllum pauciflorum</i>	54	3
6554	cassia	<i>Cinnamomum aromaticum</i>	54	3
6559	laurel avispillo	<i>Cinnamomum elongatum</i>	54	3
6560	avispillo	<i>Cinnamomum montanum</i>	54	3
6564	cinnamon	<i>Cinnamomum verum</i>	54	3
6565	juniper berry	<i>Citharexylum caudatum</i>	54	3
6567	spiny fiddlewood	<i>Citharexylum spinosum</i>	54	3
6569	threespike fiddlewood	<i>Citharexylum tristachyum</i>	54	3
6573	grapefruit	<i>Citrus ×aurantifolia</i>	54	3
6574	Citrus ×aurantium	<i>Citrus ×aurantium</i>	54	3
6575	shaddock	<i>Citrus ×limon</i>	54	3
6576	citron	<i>Citrus ×paradisi</i>	54	3
6577	tangerine	<i>Citrus ×sinensis</i>	54	3
6581	Citrus maxima	<i>Citrus maxima</i>	54	3
6582	Citrus medica	<i>Citrus medica</i>	54	3
6584	Citrus reticulata	<i>Citrus reticulata</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6631	haggarbush	<i>Clerodendrum aculeatum</i>	54	3
6637	teta prieta	<i>Cleyera albopunctata</i>	54	3
6639	jackass breadnut	<i>Clibadium erosum</i>	54	3
6641	Clidemia cymosa	<i>Clidemia cymosa</i>	54	3
6642	soapbush	<i>Clidemia hirta</i>	54	3
6644	Philippine pigeonwings	<i>Clitoria fairchildiana</i>	54	3
6646	cupeillo	<i>Clusia clusioides</i>	54	3
6648	Grundlach's attorney	<i>Clusia grundlachii</i>	54	3
6650	cupey de monte	<i>Clusia minor</i>	54	3
6651	Scotch attorney	<i>Clusia rosea</i>	54	3
6653	deepwoods fern	<i>Cnemidaria horrida</i>	54	3
6655	treadsoftly	<i>Cnidocolus aconitifolius</i>	54	3
6658	uvilla	<i>Coccoloba costata</i>	54	3
6660	whitewood	<i>Coccoloba krugii</i>	54	3
6661	puckhout	<i>Coccoloba microstachya</i>	54	3
6662	pale seagrape	<i>Coccoloba pallida</i>	54	3
6663	grandleaf seagrape	<i>Coccoloba pubescens</i>	54	3
6664	uvera	<i>Coccoloba pyrifolia</i>	54	3
6665	ortegon	<i>Coccoloba rugosa</i>	54	3
6666	uvero de monte	<i>Coccoloba sintenisii</i>	54	3
6668	Swartz's pigeonplum	<i>Coccoloba swartzii</i>	54	3
6669	Bahama pigeonplum	<i>Coccoloba tenuifolia</i>	54	3
6670	seagrape	<i>Coccoloba uvifera</i>	54	3
6671	false chiggergrape	<i>Coccoloba venosa</i>	54	3
6673	Coccolobinax barbadensis	<i>Coccolobinax barbadensis</i>	54	3
6679	silk cottontree	<i>Cochlospermum vitifolium</i>	53	3
6683	garden croton	<i>Codiaeum variegatum</i>	54	3
6684	Arabian coffee	<i>Coffea arabica</i>	54	3
6686	Coffea liberica	<i>Coffea liberica</i>	54	3
6688	Cojoba arborea	<i>Cojoba arborea</i>	54	3
6689	abata cola	<i>Cola acuminata</i>	54	3
6693	greenheart	<i>Colubrina arborescens</i>	54	3
6700	Urban's nakedwood	<i>Colubrina verrucosa</i>	54	3
6705	poison ash	<i>Comocladia dodonaea</i>	54	3
6706	carrasco	<i>Comocladia glabra</i>	54	3
6710	Luquillo Mountain snailwood	<i>Conostegia rufescens</i>	54	3
6711	Consolea moniliformis	<i>Consolea moniliformis</i>	54	3
6712	Consolea rubescens	<i>Consolea rubescens</i>	54	3
6714	copaiba	<i>Copaifera officinalis</i>	54	3
6728	Spanish elm	<i>Cordia alliodora</i>	54	3
6730	muneco	<i>Cordia borinquensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6731	red manjack	<i>Cordia collococca</i>	54	3
6735	smooth manjack	<i>Cordia laevigata</i>	54	3
6737	clammy cherry	<i>Cordia obliqua</i>	54	3
6738	San Bartolome	<i>Cordia rickseckeri</i>	54	3
6739	Puerto Rico manjack	<i>Cordia rupicola</i>	54	3
6743	mucilage manjack	<i>Cordia sulcata</i>	54	3
6746	nigua	<i>Cornutia obovata</i>	54	3
6747	azulejo	<i>Cornutia pyramidata</i>	54	3
6750	Corymbia citriodora	<i>Corymbia citriodora</i>	54	3
6756	cannonball tree	<i>Couroupita guianensis</i>	54	3
6761	common calabash tree	<i>Crescentia cujete</i>	54	3
6762	higuerito	<i>Crescentia linearifolia</i>	54	3
6763	higuero de sierra	<i>Crescentia portoricensis</i>	54	3
6765	Critonia portoricensis	<i>Critonia portoricensis</i>	54	3
6767	maidenberry	<i>Crossopetalum rhacoma</i>	54	3
6773	wild marrow	<i>Croton astroites</i>	54	3
6774	Croton flavens	<i>Croton flavens</i>	54	3
6775	sabinon	<i>Croton poecilanthus</i>	54	3
6786	Japanese cedar	<i>Cryptomeria japonica</i>	52	2
6788	Chinese fir	<i>Cunninghamia lanceolata</i>	52	2
6790	wild ackee	<i>Cupania americana</i>	54	3
6792	guara blanca	<i>Cupania triquetra</i>	54	3
6795	cedar-of-Goa	<i>Cupressus lusitanica</i>	52	2
6796	Italian cypress	<i>Cupressus sempervirens</i>	52	2
6834	parrotfeather treefern	<i>Cyathea andina</i>	54	3
6835	West Indian treefern	<i>Cyathea arborea</i>	54	3
6839	Jamaican treefern	<i>Cyathea furfuracea</i>	54	3
6843	small treefern	<i>Cyathea parvula</i>	54	3
6848	helecho gigante	<i>Cyathea tenera</i>	54	3
6850	Cybianthus sintenisii	<i>Cybianthus sintenisii</i>	54	3
6852	queen sago	<i>Cycas circinalis</i>	54	3
6857	oreganillo falso	<i>Cynometra portoricensis</i>	54	3
6862	swamp titi	<i>Cyrilla racemiflora</i>	54	3
6867	candletree	<i>Dacryodes excelsa</i>	54	3
6869	Indian rosewood	<i>Dalbergia sissoo</i>	54	3
6871	burn nose	<i>Daphnopsis americana</i>	54	3
6872	Heller's cieneguillo	<i>Daphnopsis helleriana</i>	54	3
6873	emajagua de sierra	<i>Daphnopsis philippiana</i>	54	3
6883	royal poinciana	<i>Delonix regia</i>	54	3
6888	angelica tree	<i>Dendropanax arboreus</i>	54	3
6889	palo de vaca	<i>Dendropanax laurifolius</i>	54	3
6896	chulta	<i>Dillenia indica</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6899	Dimocarpus longan	<i>Dimocarpus longan</i>	54	3
6909	black apple	<i>Diospyros revoluta</i>	54	3
6912	Chinese persimmon	<i>Diospyros sintonisii</i>	54	3
6923	jaboncillo	<i>Ditta myricoides</i>	54	3
6927	Florida hopbush	<i>Dodonaea viscosa</i>	54	3
6930	Ceylon gooseberry	<i>Dovyalis hebecarpa</i>	54	3
6932	fragrant dracaena	<i>Dracaena fragrans</i>	54	3
6937	cafeillo	<i>Drypetes alba</i>	54	3
6938	varital	<i>Drypetes glauca</i>	54	3
6939	rosewood	<i>Drypetes ilicifolia</i>	54	3
6940	guiana plum	<i>Drypetes lateriflora</i>	54	3
6961	golden dewdrops	<i>Duranta erecta</i>	54	3
6966	Dypsis lutescens	<i>Dypsis lutescens</i>	54	3
6996	monkeysoap	<i>Enterolobium cyclocarpum</i>	54	3
6998	loquat	<i>Eriobotrya japonica</i>	54	3
7000	blacktorch	<i>Erithalis fruticosa</i>	54	3
7004	machete	<i>Erythrina berteriana</i>	54	3
7005	coral erythrina	<i>Erythrina corallodendron</i>	54	3
7006	crybabytree	<i>Erythrina crista-galli</i>	54	3
7007	cock's spur	<i>Erythrina eggersii</i>	54	3
7008	bucayo	<i>Erythrina fusca</i>	54	3
7011	mountain immortelle	<i>Erythrina poeppigiana</i>	54	3
7015	tiger's claw	<i>Erythrina variegata</i>	54	3
7016	tiger's claw	<i>Erythrina variegata var. orientalis</i>	54	3
7019	swamp-redwood	<i>Erythroxylum areolatum</i>	54	3
7021	ratwood	<i>Erythroxylum rotundifolium</i>	54	3
7022	rufous false cocaine	<i>Erythroxylum rufum</i>	54	3
7024	Urban's false cocaine	<i>Erythroxylum urbanii</i>	54	3
7034	Indonesian gum	<i>Eucalyptus deglupta</i>	54	3
7043	spotted gum	<i>Eucalyptus maculata</i>	54	3
7046	gray ironbark	<i>Eucalyptus paniculata</i>	54	3
7049	redmahogany	<i>Eucalyptus resinifera</i>	54	3
7053	Sydney bluegum	<i>Eucalyptus saligna</i>	54	3
7060	white stopper	<i>Eugenia axillaris</i>	54	3
7061	blackrodwood	<i>Eugenia biflora</i>	54	3
7062	Sierra de Cayey stopper	<i>Eugenia boqueronensis</i>	54	3
7063	guayabota de sierra	<i>Eugenia borinquensis</i>	54	3
7066	redberry stopper	<i>Eugenia confusa</i>	54	3
7067	lathberry	<i>Eugenia cordata</i>	54	3
7068	lathberry	<i>Eugenia cordata var. sintenisii</i>	54	3
7069	sperry guava	<i>Eugenia corozalensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7071	serrette guave	<i>Eugenia domingensis</i>	54	3
7072	guasabara	<i>Eugenia eggersii</i>	54	3
7075	smooth rodwood	<i>Eugenia glabrata</i>	54	3
7076	Luquillo Mountain stopper	<i>Eugenia haematocarpa</i>	54	3
7081	privet stopper	<i>Eugenia ligustrina</i>	54	3
7084	birdcherry	<i>Eugenia monticola</i>	54	3
7089	rockmyrtle	<i>Eugenia procera</i>	54	3
7090	Christmas cherry	<i>Eugenia pseudopsidium</i>	54	3
7093	serrasuela	<i>Eugenia serrasuela</i>	54	3
7094	sessileleaf stopper	<i>Eugenia sessiliflora</i>	54	3
7098	Stahl's stopper	<i>Eugenia stahlii</i>	54	3
7100	Stewardson's stopper	<i>Eugenia stewardsonii</i>	54	3
7103	Underwood's stopper	<i>Eugenia underwoodii</i>	54	3
7104	Surinam cherry	<i>Eugenia uniflora</i>	54	3
7105	aridland stopper	<i>Eugenia xerophytica</i>	54	3
7109	Mexican shrubby spurge	<i>Euphorba cotinifolia</i>	54	3
7111	mottled spurge	<i>Euphorbia lactea</i>	54	3
7112	Indian spurgetree	<i>Euphorbia neriifolia</i>	54	3
7113	manchineel berry	<i>Euphorbia petiolaris</i>	54	3
7116	Indiantree spurge	<i>Euphorbia tirucalli</i>	54	3
7135	Caribbean princewood	<i>Exostema caribaeum</i>	54	3
7136	plateado	<i>Exostema ellipticum</i>	54	3
7137	Exostema sanctae-luciae	<i>Exostema sanctae-luciae</i>	54	3
7146	false coffee	<i>Faramaea occidentalis</i>	54	3
7148	Jamaican cherry fig	<i>Ficus americana</i>	54	3
7149	Indian banyan	<i>Ficus benghalensis</i>	54	3
7150	weeping fig	<i>Ficus benjamina</i>	54	3
7151	edible fig	<i>Ficus carica</i>	54	3
7154	brown-woolly fig	<i>Ficus drupacea</i>	54	3
7155	Indian rubberplant	<i>Ficus elastica</i>	54	3
7158	Ficus lutea	<i>Ficus lutea</i>	54	3
7159	fiddleleaf fig	<i>Ficus lyrata</i>	54	3
7160	Chinese banyan	<i>Ficus microcarpa</i>	54	3
7162	tibig	<i>Ficus nota</i>	54	3
7164	amate	<i>Ficus obtusifolia</i>	54	3
7166	peepul tree	<i>Ficus religiosa</i>	54	3
7173	jaguey	<i>Ficus stahlii</i>	54	3
7174	sycamore fig	<i>Ficus sycomorus</i>	54	3
7177	jaguey blanco	<i>Ficus trigonata</i>	54	3
7184	governor's plum	<i>Flacourtia indica</i>	54	3
7185	batoko plum	<i>Flacourtia inermis</i>	54	3
7190	Flueggea acidoton	<i>Flueggea acidoton</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7194	inkbush	<i>Forestiera eggerstiana</i>	54	3
7195	caca ravet	<i>Forestiera rhamnifolia</i>	54	3
7196	Florida swampprivet	<i>Forestiera segregata</i>	54	3
7198	oval kumquat	<i>Fortunella margarita</i>	54	3
7202	West Indian buckthorn	<i>Frangula sphaerosperma</i>	54	3
7206	shamel ash	<i>Fraxinus uhdei</i>	54	3
7210	silkkrubber	<i>Funtumia elastica</i>	54	3
7212	Gourka	<i>Garcinia dulcis</i>	53	3
7213	lemon saptree	<i>Garcinia hessii</i>	54	3
7214	mangosteen	<i>Garcinia mangostana</i>	54	3
7218	palo de cruz	<i>Garcinia portoricensis</i>	54	3
7223	Garcinia xanthochymus	<i>Garcinia xanthochymus</i>	54	3
7231	llume	<i>Gaussia attenuata</i>	54	3
7235	jagua	<i>Genipa americana</i>	54	3
7237	arbol de Navidad	<i>Gesneria pedunculosa</i>	54	3
7239	bastard gregre	<i>Ginoria rohrii</i>	54	3
7245	quickstick	<i>Gliricidia sepium</i>	54	3
7256	mata buey	<i>Goetzea elegans</i>	54	3
7258	grand merisier	<i>Gomidesia lindeniana</i>	54	3
7262	Creole cotton	<i>Gossypium barbadense</i>	54	3
7264	Gossypium hirsutum	<i>Gossypium hirsutum</i>	54	3
7268	Graffenrieda ottoschulzii	<i>Graffenrieda ottoschulzii</i>	54	3
7273	silkoak	<i>Grevillea robusta</i>	54	3
7279	lignum-vitae	<i>Guajacum officinale</i>	54	3
7280	hollywood	<i>Guajacum sanctum</i>	54	3
7285	black mampoo	<i>Guapira fragrans</i>	54	3
7286	corcho prieto	<i>Guapira obtusata</i>	54	3
7288	alligatorwood	<i>Guarea glabra</i>	54	3
7290	American muskwood	<i>Guarea guidonia</i>	54	3
7294	haya minga	<i>Guatteria blainii</i>	54	3
7295	haya blanca	<i>Guatteria caribaea</i>	54	3
7298	bastardcedar	<i>Guazuma ulmifolia</i>	54	3
7299	hammock velvetseed	<i>Guettarda elliptica</i>	54	3
7300	frogwood	<i>Guettarda krugii</i>	54	3
7302	cucubano de vieques	<i>Guettarda odorata</i>	54	3
7303	cucubano	<i>Guettarda ovalifolia</i>	54	3
7305	roseta	<i>Guettarda pungens</i>	54	3
7306	wild guave	<i>Guettarda scabra</i>	54	3
7309	cucubano de monte	<i>Guettarda valenzuelana</i>	54	3
7315	West Indian false box	<i>Gyminda latifolia</i>	54	3
7317	oysterwood	<i>Gymnanthes lucida</i>	54	3
7321	bloodwoodtree	<i>Haematoxylum campechianum</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7327	palo de hueso	<i>Haenianthus salicifolius</i>	54	3
7330	scarletbush	<i>Hamelia patens</i>	54	3
7336	false locust	<i>Hebestigma cubense</i>	54	3
7341	cigarbush	<i>Hedyosmum arborescens</i>	54	3
7347	screwtree	<i>Helicteres jamaicensis</i>	54	3
7353	camasey peludo	<i>Henriettea fascicularis</i>	54	3
7354	MacFadyen's camasey	<i>Henriettea macfadyenii</i>	54	3
7355	thinleaf camasey	<i>Henriettea membranifolia</i>	54	3
7357	jusillo	<i>Henriettea squamulosum</i>	54	3
7366	mago	<i>Hernandia sonora</i>	54	3
7403	mahoe	<i>Hibiscus elatus</i>	54	3
7409	seaside mahoe	<i>Hibiscus pernambucensis</i>	54	3
7410	shoeblackplant	<i>Hibiscus rosa-sinensis</i>	54	3
7412	sea hibiscus	<i>Hibiscus tiliaceus</i>	54	3
7418	teta de burra cinarron	<i>Hirtella rugosa</i>	54	3
7420	pigeonberry	<i>Hirtella triandra</i>	54	3
7422	white cogwood	<i>Homalium racemosum</i>	54	3
7434	sandbox tree	<i>Hura crepitans</i>	54	3
7438	cedro macho	<i>Hyeronima clusioides</i>	54	3
7442	stinkingtoe	<i>Hymenaea courbaril</i>	54	3
7445	inkwood	<i>Hypelate trifoliata</i>	54	3
7446	limestone snakevine	<i>Hyperbaena laurifolia</i>	54	3
7455	dahoon	<i>Ilex cassine</i>	54	3
7456	te	<i>Ilex cookii</i>	54	3
7457	maconcona	<i>Ilex guianensis</i>	54	3
7458	Caribbean holly	<i>Ilex macfadyenii</i>	54	3
7459	Puerto Rico holly	<i>Ilex nitida</i>	54	3
7462	gongolin	<i>Ilex sideroxyloides</i>	54	3
7463	Sintenis' holly	<i>Ilex sintenisii</i>	54	3
7465	Urban's holly	<i>Ilex urbaniana</i>	54	3
7466	Ilex urbaniana	<i>Ilex urbaniana var riedlaei</i>	54	3
7467	inga	<i>Inga spp.</i>	54	3
7470	sacky sac bean	<i>Inga laurina</i>	54	3
7471	Inga nobilis	<i>Inga nobilis</i>	54	3
7474	river koko	<i>Inga vera</i>	54	3
7479	palo de hierro	<i>Ixora ferrea</i>	54	3
7481	white jungleflame	<i>Ixora thwaitesii</i>	54	3
7482	black poui	<i>Jacaranda mimosifolia</i>	54	3
7485	braceletwood	<i>Jacquinia armillaris</i>	54	3
7487	bois bande	<i>Jacquinia berteroi</i>	54	3
7490	chirriador	<i>Jacquinia umbellata</i>	54	3
7491	Barbados nut	<i>Jatropha curcas</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7492	wild oilnut	<i>Jatropha hernandiifolia</i>	54	3
7493	coralbush	<i>Jatropha multifida</i>	54	3
7495	West Indian walnut	<i>Juglans jamaicensis</i>	54	3
7499	Khaya anotheca	<i>Khaya anotheca</i>	54	3
7501	Senegal mahogany	<i>Khaya senegalensis</i>	54	3
7503	Kigelia africana	<i>Kigelia africana</i>	54	3
7506	guest tree	<i>Kleinhovia hospita</i>	54	3
7508	Koanophyllon polyodon	<i>Koanophyllon polyodon</i>	54	3
7514	leadwood	<i>Krugiodendron ferreum</i>	54	3
7530	cuero de rana	<i>Laetia procera</i>	54	3
7532	crapemyrtle	<i>Lagerstroemia indica</i>	54	3
7533	pride of India	<i>Lagerstroemia speciosa</i>	54	3
7541	nino de cota	<i>Laplacea portoricensis</i>	54	3
7550	henna	<i>Lawsonia inermis</i>	54	3
7552	Krug's roughleaf	<i>Leandra krugiana</i>	54	3
7556	pitahaya	<i>Leptocereus quadricostatus</i>	54	3
7565	white leadtree	<i>Leucaena leucocephala</i>	54	3
7569	Maria laurel	<i>Licaria brittoniana</i>	54	3
7570	Puerto Rico cinnamon	<i>Licaria parvifolia</i>	54	3
7573	pepperleaf sweetwood	<i>Licaria triandra</i>	54	3
7574	Amur privet	<i>Ligustrum amurense</i>	54	3
7590	geno geno	<i>Lonchocarpus domingensis</i>	54	3
7591	geno	<i>Lonchocarpus glaucifolius</i>	54	3
7592	broadleaf lancepod	<i>Lonchocarpus heptaphyllus</i>	54	3
7600	luehea	<i>Luehea speciosa</i>	54	3
7604	lunania	<i>Lunania spp.</i>	54	3
7606	Lunania ekmanii	<i>Lunania ekmanii</i>	54	3
7608	St. Thomas staggerbush	<i>Lyonia rubiginosa</i>	54	3
7628	palo de hoz	<i>Machaerium lunatum</i>	54	3
7630	Puerto Rico alfilerillo	<i>Machaonia portoricensis</i>	54	3
7632	Maclura tinctoria	<i>Maclura tinctoria</i>	54	3
7633	umbrella-tree	<i>Maesopsis eminii</i>	54	3
7635	Puerto Rico magnolia	<i>Magnolia portoricensis</i>	54	3
7636	laurel magnolia	<i>Magnolia splendens</i>	54	3
7643	Singapore holly	<i>Malpighia coccigera</i>	54	3
7644	Barbados cherry	<i>Malpighia emarginata</i>	54	3
7645	palo bronco	<i>Malpighia fucata</i>	54	3
7646	wild crapemyrtle	<i>Malpighia glabra</i>	54	3
7647	cowhage cherry	<i>Malpighia infestissima</i>	54	3
7648	bastard cherry	<i>Malpighia linearis</i>	54	3
7652	mamme apple	<i>Mammea americana</i>	54	3
7662	bulletwood	<i>Manilkara bidentata</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7663	Surinam bulletwood	<i>Manilkara bidentata ssp. surinamensis</i>	54	3
7667	wild dilly	<i>Manilkara jaimiqui</i>	54	3
7669	zapote de costa	<i>Manilkara pleeana</i>	54	3
7673	nisperillo	<i>Manilkara valenzuela</i>	54	3
7674	sapodilla	<i>Manilkara zapota</i>	54	3
7677	palo de cana	<i>Mappia racemosa</i>	54	3
7682	bastard hogberry	<i>Margaritaria nobilis</i>	54	3
7684	beruquillo	<i>Marlierea sintenisii</i>	54	3
7688	Matayba apetala	<i>Matayba apetala</i>	54	3
7689	negra lora	<i>Matayba domingensis</i>	54	3
7695	Caribbean mayten	<i>Maytenus cymosa</i>	54	3
7697	Puerto Rico mayten	<i>Maytenus elongata</i>	54	3
7698	white cinnamon	<i>Maytenus laevigata</i>	54	3
7699	ponce mayten	<i>Maytenus ponceana</i>	54	3
7702	Mecranium latifolium	<i>Mecranium latifolium</i>	54	3
7717	Spanish lime	<i>Melicoccus bijugatus</i>	54	3
7763	aguacatillo	<i>Meliosma herbertii</i>	54	3
7764	cacaillo	<i>Meliosma obtusifolia</i>	54	3
7768	teabush	<i>Melochia tomentosa</i>	54	3
7803	hairy johnnyberry	<i>Miconia lanata</i>	54	3
7804	saquiyac	<i>Miconia affinis</i>	54	3
7806	Puerto Rico johnnyberry	<i>Miconia foveolata</i>	54	3
7807	camasey de costilla	<i>Miconia impetolaris</i>	54	3
7808	smooth johnnyberry	<i>Miconia laevigata</i>	54	3
7810	camasey cuatrocanales	<i>Miconia mirabilis</i>	54	3
7812	camasey racimoso	<i>Miconia pachyphylla</i>	54	3
7813	granadillo bobo	<i>Miconia prasina</i>	54	3
7814	auquey	<i>Miconia punctata</i>	54	3
7815	ridge johnnyberry	<i>Miconia pycnoneura</i>	54	3
7816	camasey felpa	<i>Miconia racemosa</i>	54	3
7817	peralejo	<i>Miconia rubiginosa</i>	54	3
7818	jau jau	<i>Miconia serrulata</i>	54	3
7819	mountain johnnyberry	<i>Miconia sintenisii</i>	54	3
7821	forest johnnyberry	<i>Miconia subcorymbosa</i>	54	3
7822	rajador	<i>Miconia tetrandra</i>	54	3
7823	camasey tomaso	<i>Miconia thomasiana</i>	54	3
7828	caimitillo verde	<i>Micropholis garciniifolia</i>	54	3
7829	Micropholis guyanensis	<i>Micropholis guyanensis</i>	54	3
7833	elegant mimosa	<i>Mimosa arenosa</i>	54	3
7839	monodora	<i>Monodora spp.</i>	54	3
7845	Morella cerifera	<i>Morella cerifera</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7847	Morella holdridgeana	<i>Morella holdridgeana</i>	54	3
7849	Indian mulberry	<i>Morinda citrifolia</i>	54	3
7855	horseradish tree	<i>Moringa oleifera</i>	54	3
7857	ratapple	<i>Morisonia americana</i>	54	3
7862	murta	<i>Mouriri domingensis</i>	54	3
7863	mameyuelo	<i>Mouriri helleri</i>	54	3
7867	strawberry tree	<i>Muntingia calabura</i>	54	3
7869	Murraya exotica	<i>Murraya exotica</i>	54	3
7886	red rodwood	<i>Myrcia citrifolia</i>	54	3
7887	cienequillo	<i>Myrcia deflexa</i>	54	3
7888	curame	<i>Myrcia fallax</i>	54	3
7889	guayabacón	<i>Myrcia leptoclada</i>	54	3
7890	ausu	<i>Myrcia paganii</i>	54	3
7891	punchberry	<i>Myrcia splendens</i>	54	3
7893	twinberry	<i>Myrcianthes fragrans</i>	54	3
7895	guavaberry	<i>Myrciaria floribunda</i>	54	3
7905	cercipo	<i>Myrospermum frutescens</i>	54	3
7907	balsam of Tolu	<i>Myroxylon balsamum</i>	54	3
7911	leathery colicwood	<i>Myrsine coriacea</i>	54	3
7912	Myrsine cubana	<i>Myrsine cubana</i>	54	3
7932	Nectandra coriacea	<i>Nectandra coriacea</i>	54	3
7933	shinglewood	<i>Nectandra hihua</i>	54	3
7934	Nectandra krugii	<i>Nectandra krugii</i>	54	3
7935	Nectandra membranacea	<i>Nectandra membranacea</i>	54	3
7936	Nectandra patens	<i>Nectandra patens</i>	54	3
7939	Nectandra turbacensis	<i>Nectandra turbacensis</i>	54	3
7940	saltwood	<i>Neea buxifolia</i>	54	3
7944	kadam	<i>Neolamarckia cadamba</i>	54	3
7946	aquilon	<i>Neolaugeria resinosa</i>	54	3
7956	oleander	<i>Nerium oleander</i>	54	3
7976	African bird's-eye bush	<i>Ochna mossambicensis</i>	54	3
7980	Ochroma pyramidale	<i>Ochroma pyramidale</i>	54	3
7990	laurel espada	<i>Ocotea floribunda</i>	54	3
7991	black sweetwood	<i>Ocotea foeniculacea</i>	54	3
7994	loblolly sweetwood	<i>Ocotea leucoxylon</i>	54	3
7996	nemoca	<i>Ocotea moschata</i>	54	3
7997	laurel sassafras	<i>Ocotea nemodaphne</i>	54	3
7999	laurel de paloma	<i>Ocotea portoricensis</i>	54	3
8001	nemoca cimarrona	<i>Ocotea spathulata</i>	54	3
8003	Wright's laurel canelón	<i>Ocotea wrightii</i>	54	3
8020	peronia	<i>Ormosia krugii</i>	54	3
8027	pincho palo de rosa	<i>Ottoschulzia rhodoxylon</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8029	chicharron amarillo	<i>Ouratea ilicifolia</i>	54	3
8030	abey amarillo	<i>Ouratea littoralis</i>	54	3
8032	guanabanilla	<i>Ouratea striata</i>	54	3
8033	blacklancewood	<i>Oxandra lanceolata</i>	54	3
8034	haya	<i>Oxandra laurifolia</i>	54	3
8037	wild chestnut	<i>Pachira insignis</i>	53	3
8045	tafetan	<i>Palicourea alpina</i>	54	3
8047	red cappel	<i>Palicourea crocea</i>	54	3
8049	Palicourea croceoides	<i>Palicourea croceoides</i>	54	3
8051	showy cappel	<i>Palicourea guianensis</i>	54	3
8088	common screwpine	<i>Pandanus utilis</i>	54	3
8099	scratchthroat	<i>Parathesis crenulata</i>	54	3
8106	parkia	<i>Parkia spp.</i>	54	3
8110	Parkia timoriana	<i>Parkia timoriana</i>	54	3
8111	Jerusalem thorn	<i>Parkinsonia aculeata</i>	54	3
8113	cuachilote	<i>Parmentiera aculeata</i>	54	3
8114	candle tree	<i>Parmentiera cereifera</i>	54	3
8121	Peltophorum pterocarpum	<i>Peltophorum pterocarpum</i>	54	3
8125	butter tree	<i>Pentadesma butyracea</i>	54	3
8127	jiqi	<i>Pera bumeliifolia</i>	54	3
8134	canela	<i>Persea krugii</i>	54	3
8138	aquacatillo	<i>Persea urbaniana</i>	54	3
8141	bastard stopper	<i>Petitia domingensis</i>	54	3
8143	aquilon prieto	<i>Phialanthus grandifolius</i>	54	3
8144	candlewood	<i>Phialanthus myrtilloides</i>	54	3
8157	Tahitian gooseberry tree	<i>Phyllanthus acidus</i>	54	3
8160	gamo de costa	<i>Phyllanthus juglandifolius</i>	54	3
8162	Phyllanthus orbicularis	<i>Phyllanthus orbicularis</i>	54	3
8164	Florida bitterbush	<i>Picramnia pentandra</i>	54	3
8167	bitterwood	<i>Picrasma excelsa</i>	54	3
8169	fustic	<i>Pictetia aculeata</i>	54	3
8171	aceitillo	<i>Pilocarpus racemosus</i>	54	3
8173	Royen's tree cactus	<i>Pilosocereus royenii</i>	54	3
8175	allspice	<i>Pimenta dioica</i>	54	3
8177	bayrumtree	<i>Pimenta racemosa</i>	54	3
8178	bayrumtree	<i>Pimenta racemosa var. grisea</i>	54	3
8183	Caribbean pine	<i>Pinus caribaea</i>	51	1
8184	Chinese red pine	<i>Pinus massoniana</i>	51	1
8185	Merkus pine	<i>Pinus merkusii</i>	51	1
8186	ocote chino	<i>Pinus oocarpa</i>	51	1
8187	Mexican weeping pine	<i>Pinus patula</i>	51	1
8190	higuillo de hoja menuda	<i>Piper aduncum</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8191	higuillo de limon	<i>Piper amalago</i>	54	3
8192	moth pepper	<i>Piper blattarum</i>	54	3
8193	Guyanese pepper	<i>Piper glabrescens</i>	54	3
8194	Jamaican pepper	<i>Piper hispidum</i>	54	3
8195	Caracas pepper	<i>Piper jacquemontianum</i>	54	3
8196	marigold pepper	<i>Piper marginatum</i>	54	3
8199	spanish elder	<i>Piper swartzianum</i>	54	3
8208	stinkwood	<i>Piscidia carthagenensis</i>	54	3
8211	corcho bobo	<i>Pisonia albida</i>	54	3
8216	water mampoo	<i>Pisonia subcordata</i>	54	3
8220	monkeypod	<i>Pithecellobium dulce</i>	54	3
8223	catclaw blackbead	<i>Pithecellobium unguis-cati</i>	54	3
8249	Oriental arborvitae	<i>Platycladus orientalis</i>	52	2
8255	chupa gallo	<i>Pleodendron macranthum</i>	54	3
8266	nosegaytree	<i>Plumeria alba</i>	54	3
8268	Singapore graveyard flower	<i>Plumeria obtusa</i>	54	3
8269	Plumeria obtusa	<i>Plumeria obtusa var. obtusa</i>	54	3
8271	templetree	<i>Plumeria rubra</i>	54	3
8273	yucca plum pine	<i>Podocarpus coriaceus</i>	54	3
8275	Poitea florida	<i>Poitea florida</i>	54	3
8276	Poitea punicea	<i>Poitea punicea</i>	54	3
8279	violet tree	<i>Polygala cowellii</i>	54	3
8280	crevajosa	<i>Polygala penaea</i>	54	3
8284	geranium aralia	<i>Polyscias guilfoylei</i>	54	3
8300	cocuyo	<i>Pouteria dictyoneura</i>	54	3
8301	redmammee	<i>Pouteria hotteana</i>	53	3
8302	bullytree	<i>Pouteria multiflora</i>	54	3
8305	mammee sapote	<i>Pouteria sapota</i>	54	3
8311	Prestoea acuminata	<i>Prestoea acuminata</i>	54	3
8340	guasimilla	<i>Prockia crucis</i>	54	3
8342	jand	<i>Prosopis cineraria</i>	54	3
8344	kiawe	<i>Prosopis pallida</i>	54	3
8346	West Indian cherry	<i>Prunus myrtifolia</i>	54	3
8347	western cherry laurel	<i>Prunus occidentalis</i>	54	3
8349	Prunus serotina	<i>Prunus serotina ssp. capuli</i>	54	3
8352	false breadnut	<i>Pseudolmedia spuria</i>	54	3
8353	Florida cherry palm	<i>Pseudophoenix sargentii</i>	54	3
8354	mountain guava	<i>Psidium amplexicaule</i>	54	3
8356	guava	<i>Psidium guajava</i>	54	3
8358	Psidium longipes	<i>Psidium longipes</i>	54	3
8359	Sintenis' guava	<i>Psidium sintenisii</i>	54	3
8361	cachimbo-cumun	<i>Psychotria berteriana</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8362	palo de cachimbo	<i>Psychotria brachiata</i>	54	3
8363	Browne's wild coffee	<i>Psychotria brownei</i>	54	3
8364	<i>Psychotria domingensis</i>	<i>Psychotria domingensis</i>	54	3
8367	cachimbo grande	<i>Psychotria grandis</i>	54	3
8389	cachimbo de gato	<i>Psychotria maleolens</i>	54	3
8391	cachimbo de maricao	<i>Psychotria maricaensis</i>	54	3
8394	thicket wild coffee	<i>Psychotria microdon</i>	54	3
8395	floating balsamo	<i>Psychotria nutans</i>	54	3
8397	hairy wild coffee	<i>Psychotria pubescens</i>	54	3
8407	pterocarpus	<i>Pterocarpus indicus</i>	54	3
8408	Burma padauk	<i>Pterocarpus macrocarpus</i>	54	3
8409	Malabar kino	<i>Pterocarpus marsupium</i>	54	3
8410	dragonsblood tree	<i>Pterocarpus officinalis</i>	54	3
8419	pomegranate	<i>Punica granatum</i>	54	3
8422	swizzlestick tree	<i>Quararibea turbinata</i>	54	3
8425	white indigoberry	<i>Randia aculeata</i>	54	3
8433	palo amargo	<i>Rauvolfia nitida</i>	54	3
8436	traveler's tree	<i>Ravenala madagascariensis</i>	54	3
8439	tortugo prieto	<i>Ravenia urbanii</i>	54	3
8444	guama	<i>Reynosia guama</i>	53	3
8445	Krug's darlingplum	<i>Reynosia krugii</i>	53	3
8447	sloe	<i>Reynosia uncinata</i>	53	3
8472	castorbean	<i>Ricinus communis</i>	54	3
8476	greenheart ebony	<i>Rochefortia acanthophora</i>	54	3
8478	Rochefortia spinosa	<i>Rochefortia spinosa</i>	54	3
8481	wild sugar apple	<i>Rollinia mucosa</i>	54	3
8483	cordobancillo	<i>Rondeletia inermis</i>	54	3
8484	cordobancillo peludo	<i>Rondeletia pilosa</i>	54	3
8485	Juan Tomas	<i>Rondeletia portoricensis</i>	54	3
8489	Puerto Rico royal palm	<i>Roystonea borinquena</i>	54	3
8490	Roystonea elata	<i>Roystonea elata</i>	54	3
8494	Puerto Rico palmetto	<i>Sabal causiarum</i>	54	3
8499	white hogwood	<i>Sagraea umbrosa</i>	54	3
8501	Salix humboldtiana	<i>Salix humboldtiana</i>	54	3
8505	raintree	<i>Samanea saman</i>	54	3
8509	common elderberry	<i>Sambucus nigra</i>	54	3
8529	wingleaf soapberry	<i>Sapindus saponaria</i>	54	3
8533	gumtree	<i>Sapium glandulosum</i>	54	3
8535	hinchahuevos	<i>Sapium laurifolium</i>	54	3
8536	milktree	<i>Sapium laurocerasus</i>	54	3
8546	amansa guapo	<i>Savia sessiliflora</i>	54	3
8554	Florida boxwood	<i>Schaefferia frutescens</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8556	guayabilla	<i>Samyda dodecandra</i>	54	3
8557	yuquilla	<i>Schefflera gleasonii</i>	54	3
8558	matchwood	<i>Schefflera morototonii</i>	54	3
8563	Brazilian peppertree	<i>Schinus terebinthifolius</i>	54	3
8565	Brazilian firetree	<i>Schizolobium parahybum</i>	54	3
8567	lac tree	<i>Schleichera oleosa</i>	54	3
8571	arana	<i>Schoepfia arenaria</i>	54	3
8572	white beefwood	<i>Schoepfia obovata</i>	54	3
8573	gulf graytwig	<i>Schoepfia schreberi</i>	54	3
8588	emperor's candlesticks	<i>Senna alata</i>	54	3
8589	flor de San Jose	<i>Senna atomaria</i>	54	3
8591	false sicklepod	<i>Senna multijuga</i>	54	3
8594	retama prieta	<i>Senna polyphylla</i>	54	3
8596	Siamese cassia	<i>Senna siamea</i>	54	3
8597	casia amarilla	<i>Senna spectabilis</i>	54	3
8599	Senna sulfurea	<i>Senna sulfurea</i>	54	3
8600	glossy shower	<i>Senna surattensis</i>	54	3
8605	vegetable hummingbird	<i>Sesbania grandiflora</i>	54	3
8611	espejuelo	<i>Sideroxylon cubense</i>	54	3
8613	breakbill	<i>Sideroxylon obovatum</i>	54	3
8614	Puerto Rico bully	<i>Sideroxylon portoricense</i>	54	3
8617	simarouba	<i>Simarouba spp.</i>	54	3
8619	aceitillo falso	<i>Simarouba tulae</i>	54	3
8620	hoja menuda	<i>Siphoneugena densiflora</i>	54	3
8622	bullwood	<i>Sloanea spp.</i>	54	3
8623	motillo	<i>Sloanea amygdalina</i>	54	3
8624	bullwood	<i>Sloanea berteriana</i>	54	3
8626	Solanum bahamense	<i>Solanum bahamense</i>	54	3
8627	mullein nightshade	<i>Solanum donianum</i>	54	3
8629	potatotree	<i>Solanum erianthum</i>	54	3
8632	forest nightshade	<i>Solanum nudum</i>	54	3
8633	cakalaka berry	<i>Solanum polygamum</i>	54	3
8634	tabacon aspero	<i>Solanum rugosum</i>	54	3
8636	turkey berry	<i>Solanum torvum</i>	54	3
8644	African tuliptree	<i>Spathodea campanulata</i>	54	3
8649	Spondias dulcis	<i>Spondias dulcis</i>	54	3
8650	yellow mombin	<i>Spondias mombin</i>	54	3
8652	purple mombin	<i>Spondias purpurea</i>	54	3
8654	cobana negra	<i>Stahlia monosperma</i>	54	3
8664	Panama tree	<i>Sterculia apetala</i>	54	3
8666	hazel sterculia	<i>Sterculia foetida</i>	54	3
8674	palo de jazmin	<i>Styrax portoricensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8676	bay cedar	<i>Suriana maritima</i>	54	3
8678	mahogany	<i>Swietenia spp.</i>	54	3
8679	Honduras mahogany	<i>Swietenia macrophylla</i>	54	3
8683	nispero cimarron	<i>Symplocos lanata</i>	54	3
8684	Martinique sweetleaf	<i>Symplocos martinicensis</i>	54	3
8685	aceitunilla	<i>Symplocos micrantha</i>	54	3
8701	Syzygium jambos	<i>Syzygium jambos</i>	54	3
8702	Malaysian apple	<i>Syzygium malaccense</i>	54	3
8709	roble amarillo	<i>Tabebuia chrysantha</i>	54	3
8710	primavera	<i>Tabebuia donnell-smithii</i>	54	3
8712	roble cimarron	<i>Tabebuia haemantha</i>	54	3
8713	white cedar	<i>Tabebuia heterophylla</i>	54	3
8715	roble de sierra	<i>Tabebuia rigida</i>	54	3
8716	pink trumpet-tree	<i>Tabebuia rosea</i>	54	3
8717	roble colorado	<i>Tabebuia schumanniana</i>	54	3
8720	milkwood	<i>Tabernaemontana citrifolia</i>	54	3
8727	Athel tamarisk	<i>Tamarix aphylla</i>	54	3
8743	yellow trumpetbush	<i>Tecoma stans</i>	54	3
8744	teak	<i>Tectona grandis</i>	54	3
8748	tropical almond	<i>Terminalia spp.</i>	54	3
8750	tropical almond	<i>Terminalia catappa</i>	54	3
8754	Ivory Coast almond	<i>Terminalia ivorensis</i>	54	3
8756	East Indian almond	<i>Terminalia myriocarpa</i>	54	3
8757	Peruvian almond	<i>Terminalia oblonga</i>	54	3
8761	superb terminalia	<i>Terminalia superba</i>	54	3
8762	saintedwood	<i>Ternstroemia heptasepala</i>	54	3
8763	palo colorado	<i>Ternstroemia luquillensis</i>	54	3
8764	copey vera	<i>Ternstroemia peduncularis</i>	54	3
8766	mamey de cura	<i>Ternstroemia stahlii</i>	54	3
8767	el yunque colorado	<i>Ternstroemia subsessilis</i>	53	3
8768	masa	<i>Tetragastris balsamifera</i>	53	3
8778	stinkingfish	<i>Tetrazygia angustifolia</i>	54	3
8780	Puerto Rico clover ash	<i>Tetrazygia biflora</i>	54	3
8781	krekre	<i>Tetrazygia elaeagnoides</i>	54	3
8783	cenizo	<i>Tetrazygia urbanii</i>	54	3
8784	cacao	<i>Theobroma cacao</i>	54	3
8786	maga	<i>Thespesia grandiflora</i>	54	3
8787	Portia tree	<i>Thespesia populnea</i>	54	3
8789	luckynut	<i>Thevetia peruviana</i>	54	3
8793	ceboruquillo	<i>Thouinia striata</i>	54	3
8794	Puerto Rico ceboruquillo	<i>Thouinia striata var. portoricensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8803	Brazilian glorytree	<i>Tibouchina granulosa</i>	54	3
8811	redcedar	<i>Toona spp.</i>	54	3
8812	Australian redcedar	<i>Toona ciliata</i>	54	3
8816	boje	<i>Torralsbasia cuneifolia</i>	54	3
8825	cold withe	<i>Tournefortia filiflora</i>	54	3
8828	Lamarck's trema	<i>Trema lamarckianum</i>	54	3
8829	Jamaican nettletree	<i>Trema micranthum</i>	54	3
8833	broomstick	<i>Trichilia hirta</i>	54	3
8834	gaita	<i>Trichilia pallida</i>	54	3
8836	bariaco	<i>Trichilia triacantha</i>	54	3
8842	limeberry	<i>Triphasia trifolia</i>	54	3
8843	Triplaris spp.	<i>Triplaris spp.</i>	54	3
8844	ant tree	<i>Triplaris cumingiana</i>	54	3
8848	white ramoon	<i>Trophis racemosa</i>	54	3
8850	muttonwood	<i>Turpinia occidentalis</i>	54	3
8853	scratchbush	<i>Ureia baccifera</i>	54	3
8854	flameberry	<i>Ureia caracasana</i>	54	3
8855	ortiga	<i>Ureia chlorocarpa</i>	54	3
8861	voa vanga	<i>Vangueria madagascariensis</i>	54	3
8871	lilac chastetree	<i>Vitex agnus-castus</i>	54	3
8873	higuerillo	<i>Vitex divaricata</i>	54	3
8881	Wallenia lamarckiana	<i>Wallenia lamarckiana</i>	54	3
8887	bastard briziletto	<i>Weinmannia pinnata</i>	54	3
8901	tallow wood	<i>Ximenia americana</i>	54	3
8906	mucha-gente	<i>Xylosma buxifolia</i>	54	3
8910	spiny logwood	<i>Xylosma pachyphylla</i>	54	3
8912	white logwood	<i>Xylosma schaefferioides</i>	54	3
8913	Schwaneck's logwood	<i>Xylosma schwaneckiana</i>	54	3
8916	aloe yucca	<i>Yucca aloifolia</i>	54	3
8918	moundlily yucca	<i>Yucca gloriosa</i>	54	3
8919	bluestem yucca	<i>Yucca guatemalensis</i>	54	3
8923	Maricao pricklyash	<i>Zanthoxylum bifoliolatum</i>	54	3
8924	prickly yellow	<i>Zanthoxylum caribaeum</i>	54	3
8928	West Indian satinwood	<i>Zanthoxylum flavum</i>	54	3
8931	white pricklyash	<i>Zanthoxylum martinicense</i>	54	3
8932	yellow prickle	<i>Zanthoxylum monophyllum</i>	54	3
8934	dotted pricklyash	<i>Zanthoxylum punctatum</i>	54	3
8935	niaragato	<i>Zanthoxylum spinifex</i>	54	3
8937	St. Thomas pricklyash	<i>Zanthoxylum thomsonianum</i>	54	3
8938	Zapoteca portoricensis	<i>Zapoteca portoricensis</i>	54	3
8939	Indian jujube	<i>Ziziphus mauritiana</i>	54	3
8940	cacao rojo	<i>Ziziphus reticulata</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8941	soana	<i>Ziziphus rignonii</i>	54	3
8943	Taylor's jujube	<i>Ziziphus taylorii</i>	54	3

Appendix L. Pacific Tree Species Codes, Names, and Occurrences

Major groups (MAJGRP) are (1) pines, (2) other softwoods, (3) soft hardwoods, and (4) hard hardwoods. The species groups (SPGRPCD) can be found in appendix G.

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
0050	cypress	<i>Cupressus spp.</i>	24	2
0100	pine spp.	<i>Pinus spp.</i>	24	1
0299	Unknown dead conifer	<i>Tree evergreen</i>	24	2
0300	acacia spp.	<i>Acacia spp.</i>	48	3
0303	sweet acacia	<i>Acacia farnesiana</i>	48	3
0341	ailanthus	<i>Ailanthus altissima</i>	47	4
0350	alder species	<i>Alnus spp.</i>	47	3
0460	hackberry spp.	<i>Celtis spp.</i>	47	3
0510	eucalyptus spp.	<i>Eucalyptus spp.</i>	47	4
0511	Tasmanian bluegum	<i>Eucalyptus globulus</i>	47	4
0512	river redgum	<i>Eucalyptus camaldulensis</i>	47	4
0513	grand eucalyptus	<i>Eucalyptus grandis</i>	47	4
0514	swampmahogany	<i>Eucalyptus robusta</i>	47	4
0520	persimmon spp.	<i>Diospyros spp.</i>	47	4
0541	white ash	<i>Fraxinus americana</i>	47	4
0681	white mulberry	<i>Morus alba</i>	47	4
0715	Maytenus palauica	<i>Matenus palauica</i>	54	3
0718	kesiamel	<i>Osmoxylon truncatum</i>	54	3
0720	bay spp.	<i>Persea spp.</i>	47	3
0755	mesquite spp.	<i>Prosopis spp.</i>	48	4
0764	peach	<i>Prunus persica</i>	47	3
0800	oak spp.	<i>Quercus spp.</i>	48	4
0855	sheoak spp.	<i>Casuarina spp.</i>	47	3
0856	gray sheoak	<i>Casuarina glauca</i>	47	3
0858	camphortree	<i>Cinnamomum camphora</i>	47	3
0860	citrus spp.	<i>Citrus spp.</i>	47	3
0865	largeleaf geigertree	<i>Cordia sebestena</i>	47	3
0885	mango	<i>Mangifera indica</i>	47	3
0887	fishpoison tree	<i>Piscidia piscipula</i>	47	3
0888	octopus tree, schefflera	<i>Schefflera actinophylla</i>	47	3
0896	Java plum	<i>Syzygium cumini</i>	47	3
0897	tamarind	<i>Tamarindus indica</i>	47	3
0908	coconut palm	<i>Cocos nucifera</i>	47	3
0940	West Indian mahogany	<i>Swietenia mahagoni</i>	47	4
0987	buttonwood-mangrove	<i>Conocarpus erectus</i>	47	4
0989	American mangrove	<i>Rhizophora mangle</i>	47	4
0992	melaleuca	<i>Melaleuca quinquenervia</i>	47	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
0993	chinaberry	<i>Melia azedarach</i>	47	4
0998	unknown dead hardwood	<i>Tree broadleaf</i>	47	3
0999	other or unknown live tree	<i>Tree unknown</i>	47	3
6002	mulga	<i>Acacia aneura</i>	54	3
6003	auri	<i>Acacia auriculiformis</i>	54	3
6004	small Philippine acacia	<i>Acacia confusa</i>	54	3
6006	koa	<i>Acacia koa</i>	54	3
6007	koaoha	<i>Acacia koaia</i>	54	3
6010	black wattle	<i>Acacia mearnsii</i>	54	3
6011	blackwood	<i>Acacia melanoxylon</i>	54	3
6014	South Wales wattle	<i>Acacia parramattensis</i>	54	3
6028	red beadtrees	<i>Adenantha pavonina</i>	54	3
6029	beadtrees	<i>Adenantha spp.</i>	54	3
6042	mapuñao	<i>Aglaiia mariannensis</i>	54	3
6043	mesecheues	<i>Aglaiia palauensis</i>	54	3
6044	karasyu, marasau	<i>Aglaiia ponapensis</i>	54	3
6046	laga ali	<i>Aglaiia samoensis</i>	54	3
6047	Aglaiia	<i>Aglaiia spp.</i>	54	3
6048	Olomea	<i>Aidia cochinchinensis</i>	54	3
6049	Aidia racemosa	<i>Aidia racemosa</i>	54	3
6051	ailanthus	<i>Ailanthus spp.</i>	54	3
6057	Chinese albizia	<i>Albizia chinensis</i>	54	3
6058	ukall ra ngebard	<i>Albizia falcata</i>	54	3
6059	woman's tongue	<i>Albizia lebbek</i>	54	3
6061	ukall ra ngebard	<i>Albizia retusa</i>	54	3
6062	whiteflower albizia	<i>Albizia saponaria</i>	54	3
6063	albizia	<i>Albizia spp.</i>	54	3
6069	Hawaii alectryon	<i>Alectryon micrococcus</i>	54	3
6072	taputo i	<i>Ellatostachys falcata</i>	54	3
6073	alectryon	<i>Alectryon spp.</i>	54	3
6075	Indian walnut	<i>Aleurites moluccana</i>	54	3
6077	aleurites	<i>Aleurites spp.</i>	54	3
6078	lumbang	<i>Aleurites trisperma</i>	54	3
6083	Allophylus	<i>Allophylus spp.</i>	54	3
6084	chebeludes	<i>Allophylus ternatus</i>	54	3
6085	ebeludes, chebeludes	<i>Allophylus timorensis</i>	54	3
6086	Nepal alder	<i>Alnus nepalensis</i>	54	3
6088	chelebiob, elebiong	<i>Alphitonia carolinensis</i>	54	3
6089	Hawaii kauilatre	<i>Alphitonia ponderosa</i>	54	3
6090	Alphitonia	<i>Alphitonia spp.</i>	54	3
6091	toi	<i>Alphitonia zizyphoides</i>	54	3
6095	deviltree	<i>Alstonia macrophylla</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6096	Alstonia pacifica	<i>Alstonia pacifica</i>	54	3
6097	alstonia	<i>Alstonia spp.</i>	54	3
6107	cashew	<i>Anacardium occidentale</i>	54	3
6109	Anacolosia insularis	<i>Anacolosia insularis</i>	54	3
6118	dermarm	<i>Angiopteris evecta</i>	54	3
6124	Annona cherimola	<i>Annona cherimola</i>	54	3
6128	soursop	<i>Annona muricata</i>	54	3
6129	custard apple	<i>Annona reticulata</i>	54	3
6130	Annona	<i>Annona spp.</i>	54	3
6131	sugar apple	<i>Annona squamosa</i>	54	3
6135	Kapua china laurel	<i>Antidesma kapuae</i>	54	3
6137	Antidesma bunius	<i>Antidesma bunius</i>	54	3
6138	Antidesma kusaiense	<i>Antidesma kusaiense</i>	54	3
6139	ha a	<i>Antidesma platyphyllum</i>	54	3
6142	Antidesma ponapense	<i>Antidesma ponapense</i>	54	3
6143	hame	<i>Antidesma pulvinatum</i>	54	3
6144	Antidesma sphaerocarpum	<i>Antidesma sphaerocarpum</i>	54	3
6145	chinalaurel	<i>Antidesma spp.</i>	54	3
6148	Antirhea inconspicua	<i>Antirhea inconspicua</i>	54	3
6154	parana pine	<i>Araucaria angustifolia</i>	54	3
6155	New Caledonia pine	<i>Araucaria columnaris</i>	51	1
6156	Norfolk Island Pine	<i>Araucaria excelsa</i>	51	1
6157	Norfolk Island pine	<i>Araucaria heterophylla</i>	54	3
6158	Araucaria	<i>Araucaria spp.</i>	54	3
6159	Alexandra palm	<i>Archontophoenix alexandrae</i>	53	3
6161	shoebuttton	<i>Ardisia elliptica</i>	54	3
6166	marlberry	<i>Ardisia spp.</i>	54	3
6167	betelnut	<i>Areca catechu</i>	54	3
6169	cabo-negro	<i>Arenga pinnata</i>	54	3
6171	breadfruit	<i>Artocarpus altilis</i>	54	3
6173	Artocarpus heterophyllus	<i>Artocarpus heterophyllus</i>	54	3
6175	dugdug, Marianas breadfruit	<i>Artocarpus mariannensis</i>	54	3
6176	Artocarpus nobilis	<i>Artocarpus nobilis</i>	54	3
6177	Marang	<i>Artocarpus odoratissimus</i>	54	3
6178	meduu	<i>Artocarpus spp.</i>	54	3
6179	taputoi	<i>Arytera brackenridgei</i>	54	3
6181	afia	<i>Ascarina diffusa</i>	54	3
6185	Astronidium navigatorum	<i>Astronidium navigatorum</i>	54	3
6186	meskui	<i>Astronidium palauense</i>	54	3
6187	Astronidium pickeringii	<i>Astronidium pickeringii</i>	54	3
6188	Astronidium samoense	<i>Astronidium samoense</i>	54	3
6189	Astronidium	<i>Astronidium spp.</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6190	Astronidium subcordata	<i>Astronidium subcordata</i>	54	3
6193	ifi ifi	<i>Atuna racemosa</i>	54	3
6197	Bilimbi	<i>Averrhoa bilimbi</i>	54	3
6198	carambola	<i>Averrhoa carambola</i>	54	3
6199	Averrhoa	<i>Averrhoa spp.</i>	54	3
6200	biut	<i>Avicennia alba</i>	54	3
6203	Avicennia marina	<i>Avicennia marina</i>	54	3
6205	Avicennia	<i>Avicennia spp.</i>	54	3
6208	Saitamu	<i>Baccaurea taitensis</i>	54	3
6213	ralm	<i>Badusa palauensis</i>	54	3
6215	bamboo	<i>Bambusa spp.</i>	54	3
6216	common bamboo	<i>Bambusa vulgaris</i>	54	3
6220	sea putat	<i>Barringtonia asiatica</i>	54	3
6221	langaasag	<i>Barringtonia racemosa</i>	54	3
6222	falaga	<i>Barringtonia samoensis</i>	54	3
6223	Barringtonia	<i>Barringtonia spp.</i>	54	3
6225	Bauhinia binata	<i>Bauhinia binata</i>	54	3
6226	Napoleon's plume	<i>Bauhinia monandra</i>	54	3
6230	bauhinia	<i>Bauhinia spp.</i>	54	3
6236	Javanese bishopwood	<i>Bischofia javanica</i>	54	3
6237	bishopwood	<i>Bischofia spp.</i>	54	3
6238	lipsticktree	<i>Bixa orellana</i>	54	3
6239	bixa	<i>Bixa spp.</i>	54	3
6242	akupa	<i>Bobea brevipes</i>	54	3
6243	ahakea lau nui	<i>Bobea elatior</i>	54	3
6244	Hawaii dogweed	<i>Bobea sandwicensis</i>	54	3
6245	ahakea	<i>Bobea spp.</i>	54	3
6246	ahakea	<i>Bobea timonioides</i>	54	3
6247	parrotweed	<i>Bocconia frutescens</i>	54	3
6248	bocconia	<i>Bocconia spp.</i>	54	3
6250	virgata	<i>Boehmeria virgata</i>	54	3
6260	kanawao	<i>Broussaisia arguta</i>	54	3
6262	paper mulberry	<i>Broussonetia papyrifera</i>	54	3
6264	angels-trumpet	<i>Brugmansia candida</i>	54	3
6267	smallflower bruguiera	<i>Bruguiera parviflora</i>	54	3
6268	Oriental mangrove	<i>Bruguiera gymnorrhiza</i>	54	3
6269	bruguiera	<i>Bruguiera spp.</i>	54	3
6277	omail	<i>Buchanania engleriana</i>	54	3
6278	gasu	<i>Buchanania merrillii</i>	54	3
6279	omail, deuachel	<i>Buchanania palawensis</i>	54	3
6280	Buchanania	<i>Buchanania spp.</i>	54	3
6286	dogtail	<i>Buddleja asiatica</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6299	Burckella richii	<i>Burckella richii</i>	54	3
6318	uhiuhi	<i>Caesalpinia kavaiensis</i>	54	3
6320	sappanwood	<i>Caesalpinia sappan</i>	54	3
6341	Alexandrian laurel	<i>Calophyllum inophyllum</i>	54	3
6342	tamanu	<i>Calophyllum neo-ebudicum</i>	54	3
6343	chesemolech	<i>Calophyllum pelewense</i>	54	3
6344	olebtaches, chesemolech	<i>Calophyllum soulattri</i>	54	3
6345	calophyllum	<i>Calophyllum spp.</i>	54	3
6346	roostertree	<i>Calotropis procera</i>	54	3
6347	calotropis	<i>Calotropis spp.</i>	54	3
6366	kelela charm, kiu	<i>Camptosperma brevipetiolatum</i>	54	3
6370	ilang-ilang	<i>Cananga odorata</i>	54	3
6372	mafoa	<i>Canarium mafoa</i>	54	3
6373	mesecheues	<i>Canarium hirsutum</i>	54	3
6374	lukerr	<i>Canarium indicum</i>	54	3
6375	Pili Nut	<i>Canarium ovatum</i>	54	3
6377	Canarium	<i>Canarium spp.</i>	54	3
6378	maali	<i>Canarium vitiense</i>	54	3
6381	Olasina	<i>Psydrax merrillii</i>	54	3
6395	papaya	<i>Carica papaya</i>	54	3
6396	papaya	<i>Carica spp.</i>	54	3
6397	scorpionbush	<i>Carmona retusa</i>	54	3
6398	scorpionbush	<i>Carmona spp.</i>	54	3
6399	fish tail palm	<i>Caryota mitis</i>	54	3
6400	Caryota	<i>Caryota spp.</i>	54	3
6401	fishtail palm	<i>Caryota urens</i>	54	3
6405	keuert	<i>Casearia cauliflora</i>	54	3
6408	Casearia	<i>Casearia spp.</i>	54	3
6415	golden shower	<i>Cassia fistula</i>	54	3
6417	pink shower	<i>Cassia grandis</i>	54	3
6418	apple blossom	<i>Cassia javanica</i>	54	3
6420	kassod tree	<i>Cassia siamea</i>	54	3
6422	Cassia	<i>Cassia spp.</i>	54	3
6430	Panama rubber tree	<i>Castilla elastica</i>	54	3
6433	river sheoak	<i>Casuarina cunninghamiana</i>	54	3
6434	beach sheoak	<i>Casuarina equisetifolia</i>	54	3
6437	gagu, australian pine	<i>Casuarina litorea</i>	51	1
6439	Haitian catalpa	<i>Catalpa longissima</i>	54	3
6441	trumpet tree	<i>Cecropia obtusifolia</i>	54	3
6444	pumpwood	<i>Cecropia spp.</i>	54	3
6449	kapoktree	<i>Ceiba pentandra</i>	54	3
6452	Celtis paniculata	<i>Celtis paniculata</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6459	chuti	<i>Cerbera dilatata</i>	54	3
6460	emeridech	<i>Cerbera floribunda</i>	54	3
6461	leva	<i>Cerbera manghas</i>	54	3
6463	Cerbera spp	<i>Cerbera spp.</i>	54	3
6469	Cereus hildmannianus	<i>Cereus hildmannianus</i>	54	3
6470	sweetpotato cactus	<i>Cereus spp.</i>	54	3
6472	biut	<i>Ceriops tagal</i>	54	3
6473	orange jessamine	<i>Cestrum aurantiacum</i>	54	3
6474	day jessamine	<i>Cestrum diurnum</i>	54	3
6477	night jessamine	<i>Cestrum nocturnum</i>	54	3
6478	jessamine	<i>Cestrum spp.</i>	54	3
6482	koko	<i>Chamaesyce atrococca</i>	54	3
6483	ekoko	<i>Chamaesyce celastroides</i>	54	3
6492	Herbsts sandmat	<i>Chamaesyce herbstii</i>	54	3
6493	kokomalei	<i>Chamaesyce kuwaleana</i>	54	3
6494	alpine sandmat	<i>Chamaesyce olowaluana</i>	54	3
6495	Koolau Range sandmat	<i>Chamaesyce rockii</i>	54	3
6496	sandmat	<i>Chamaesyce spp.</i>	54	3
6497	Napali coast papala	<i>Charpentiera densiflora</i>	54	3
6498	ellipticleaf papala	<i>Charpentiera elliptica</i>	54	3
6499	broadleaf papala	<i>Charpentiera obovata</i>	54	3
6500	Koolau Range papala	<i>Charpentiera ovata</i>	54	3
6503	papala	<i>Charpentiera spp.</i>	54	3
6504	Waianae Range papala	<i>Charpentiera tomentosa</i>	54	3
6507	Domins club	<i>Cheirodendron dominii</i>	54	3
6508	Fauries club	<i>Cheirodendron fauriei</i>	54	3
6509	olapa	<i>Cheirodendron forbesii</i>	54	3
6510	lapalapa	<i>Cheirodendron platyphyllum</i>	54	3
6513	cheirodendron	<i>Cheirodendron spp.</i>	54	3
6514	olapalapa	<i>Cheirodendron trigynum</i>	54	3
6517	alaweo	<i>Chenopodium oahuense</i>	54	3
6518	goosefoot	<i>Chenopodium spp.</i>	54	3
6525	vitiensis	<i>Chionanthus vitiensis</i>	54	3
6541	star apple	<i>Chrysophyllum cainito</i>	54	3
6542	satineleaf	<i>Chrysophyllum oliviforme</i>	54	3
6545	Hawaiian tree fern	<i>Cibotium heleniae</i>	54	3
6546	Chamisso's manfern	<i>Cibotium chamissoi</i>	54	3
6547	hapuu	<i>Cibotium glaucum</i>	54	3
6548	hapuu li	<i>Cibotium menziesii</i>	54	3
6549	manfern	<i>Cibotium spp.</i>	54	3
6552	quinine	<i>Cinchona pubescens</i>	54	3
6553	cinchona	<i>Cinchona spp.</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6555	Padang cassia	<i>Cinnamomum burmannii</i>	54	3
6557	ochod	<i>Cinnamomum carolinense</i>	54	3
6561	ochod	<i>Cinnamomum pedatinervium</i>	54	3
6562	matieu	<i>Cinnamomum sessilifolium</i>	54	3
6563	cinnamon	<i>Cinnamomum spp.</i>	54	3
6564	cinnamon	<i>Cinnamomum verum</i>	54	3
6565	juniper berry	<i>Citharexylum caudatum</i>	54	3
6567	spiny fiddlewood	<i>Citharexylum spinosum</i>	54	3
6568	fiddlewood	<i>Citharexylum spp.</i>	54	3
6570	samoensis	<i>Citronella samoensis</i>	54	3
6572	Lime (Tipolo)	<i>Citrus aurantifolia</i>	54	3
6574	Citrus ×aurantium	<i>Citrus ×aurantium</i>	54	3
6575	shaddock	<i>Citrus ×limon</i>	54	3
6577	tangerine	<i>Citrus ×sinensis</i>	54	3
6578	grapefruit, kahet magas	<i>Citrus grandis</i>	54	3
6579	limon china	<i>Citrus hystrix</i>	54	3
6580	kahet, wild orange	<i>Citrus macroptera</i>	54	3
6581	Citrus maxima	<i>Citrus maxima</i>	54	3
6582	Citrus medica	<i>Citrus medica</i>	54	3
6583	Calamondin, kingkang	<i>Citrus mitis</i>	54	3
6584	Citrus reticulata	<i>Citrus reticulata</i>	54	3
6586	koe	<i>Claoxylon carolinianum</i>	54	3
6588	Claoxylon fallax	<i>Claoxylon fallax</i>	54	3
6589	Claoxylon longiracemosum	<i>Claoxylon longiracemosum</i>	54	3
6590	katteknau, katot	<i>Claoxylon marianum</i>	54	3
6591	poola	<i>Claoxylon sandwicense</i>	54	3
6592	claoxylon	<i>Claoxylon spp.</i>	54	3
6593	Cleistanthus carolinianus	<i>Cleistanthus carolinianus</i>	54	3
6594	Cleistanthus insularis	<i>Cleistanthus insularis</i>	54	3
6595	Cleistanthus	<i>Cleistanthus spp.</i>	54	3
6596	oha wai nui Clermontia	<i>Clermontia leptoclada</i>	54	3
6597	oha wai nui	<i>Clermontia arborescens</i>	54	3
6601	Kauai clermontia	<i>Clermontia clermontioides</i>	54	3
6604	Kohala Mountain clermontia	<i>Clermontia drepanomorpha</i>	54	3
6605	haha aiakamanu	<i>Clermontia fauriei</i>	54	3
6606	bog clermontia	<i>Clermontia grandiflora</i>	54	3
6610	oha kepau	<i>Clermontia hawaiiensis</i>	54	3
6611	forest clermontia	<i>Clermontia kakeana</i>	54	3
6612	Waipio Valley clermontia	<i>Clermontia kohalae</i>	54	3
6613	hillside clermontia	<i>Clermontia lindseyana</i>	54	3
6614	Maui clermontia	<i>Clermontia micrantha</i>	54	3
6615	Mauna Loa clermontia	<i>Clermontia montis-loa</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6616	Oahu clermontia	<i>Clermontia oblongifolia</i>	54	3
6620	Wailai Pali clermontia	<i>Clermontia pallida</i>	54	3
6621	smallflower clermontia	<i>Clermontia parvifolia</i>	54	3
6622	pele clermontia	<i>Clermontia peleana</i>	54	3
6625	Waioiani clermontia	<i>Clermontia persicifolia</i>	54	3
6626	Hamakua clermontia	<i>Clermontia pyrularia</i>	54	3
6627	Clermontia singuliflora	<i>Clermontia singuliflora</i>	54	3
6628	clermontia	<i>Clermontia spp.</i>	54	3
6629	Haleakala clermontia	<i>Clermontia tuberculata</i>	54	3
6630	swampforest clermontia	<i>Clermontia waimeae</i>	54	3
6632	stickbush	<i>Clerodendrum chinense</i>	54	3
6633	Natal glorybower	<i>Clerodendrum glabrum</i>	54	3
6634	turks turbin	<i>Clerodendrum indicum</i>	54	3
6635	velvetleaf glorybower	<i>Clerodendrum macrostegium</i>	54	3
6636	glorybower	<i>Clerodendrum spp.</i>	54	3
6651	Scotch attorney	<i>Clusia rosea</i>	54	3
6652	attorney	<i>Clusia spp.</i>	54	3
6670	seagrape	<i>Coccoloba uvifera</i>	54	3
6681	coconut palm	<i>Cocos spp.</i>	53	3
6684	Arabian coffee	<i>Coffea arabica</i>	54	3
6686	Coffea liberica	<i>Coffea liberica</i>	54	3
6687	coffee	<i>Coffea spp.</i>	54	3
6691	uab, chuchab	<i>Colona scabra</i>	54	3
6694	Asian nakedwood	<i>Colubrina asiatica</i>	54	3
6697	kaula	<i>Colubrina oppositifolia</i>	54	3
6699	nakedwood	<i>Colubrina spp.</i>	54	3
6702	ochaol	<i>Combretum tetralophum</i>	54	3
6703	Mao	<i>Commersonia bartramia</i>	54	3
6709	mangrove	<i>Conocarpus spp.</i>	54	3
6716	forest mirrorplant	<i>Coprosma foliosa</i>	54	3
6717	koi	<i>Coprosma kauensis</i>	54	3
6718	Oahu mirrorplant	<i>Coprosma longifolia</i>	54	3
6719	alpine mirrorplant	<i>Coprosma montana</i>	54	3
6720	Maui mirrorplant	<i>Coprosma ochracea</i>	54	3
6721	pubescent mirrorplant	<i>Coprosma pubens</i>	54	3
6722	woodland mirrorplant	<i>Coprosma rhynchocarpa</i>	54	3
6724	mirrorplant	<i>Coprosma spp.</i>	54	3
6726	olena	<i>Coprosma waimeae</i>	54	3
6729	Tou	<i>Cordia aspera</i>	54	3
6731	red manjack	<i>Cordia collococca</i>	54	3
6733	fragrant manjack	<i>Cordia dichotoma</i>	54	3
6736	Cordia micronesica	<i>Cordia micronesica</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6741	cordia	<i>Cordia spp.</i>	54	3
6742	kou	<i>Cordia subcordata</i>	54	3
6744	tiplant	<i>Cordyline fruticosa</i>	54	3
6745	cordyline	<i>Cordyline spp.</i>	54	3
6749	redgum	<i>Corymbia calophylla</i>	54	3
6750	Corymbia citriodora	<i>Corymbia citriodora</i>	54	3
6751	redflower gum	<i>Corymbia ficifolia</i>	54	3
6752	red bloodwood	<i>Corymbia gummifera</i>	54	3
6754	karaka nut	<i>Corynocarpus laevigatus</i>	54	3
6755	corynocarpus	<i>Corynocarpus spp.</i>	54	3
6756	cannonball tree	<i>Couroupita guianensis</i>	54	3
6758	Pulu elo ^x	<i>Crateva religiosa</i>	54	3
6760	houka, calabash	<i>Crescentia alata</i>	54	3
6769	Saitamu	<i>Crossostylis biflora</i>	54	3
6771	longbeak rattlebox	<i>Crotalaria longirostrata</i>	54	3
6778	Cryptocarya oreophila	<i>Cryptocarya oreophila</i>	54	3
6779	laulilii	<i>Cryptocarya elegans</i>	54	3
6781	holio	<i>Cryptocarya mannii</i>	54	3
6783	cryptocarya	<i>Cryptocarya spp.</i>	54	3
6784	laulili`i	<i>Cryptocarya turbinata</i>	54	3
6786	Japanese cedar	<i>Cryptomeria japonica</i>	52	2
6787	Japanese cedar	<i>Cryptomeria spp.</i>	54	3
6795	cedar-of-Goa	<i>Cupressus lusitanica</i>	52	2
6796	Italian cypress	<i>Cupressus sempervirens</i>	52	2
6800	Haleakala cyanea	<i>Cyanea aculeatiflora</i>	54	3
6801	palmtree cyanea	<i>Cyanea arborea</i>	54	3
6802	Kauai cyanea	<i>Cyanea fissa</i>	54	3
6805	Degeners cyanea	<i>Cyanea floribunda</i>	54	3
6806	Kilauea Mauna cyanea	<i>Cyanea giffardii</i>	54	3
6807	wetforest cyanea	<i>Cyanea hamatiflora</i>	54	3
6810	Oahu cyanea	<i>Cyanea hardyi</i>	54	3
6811	prickly cyanea	<i>Cyanea horrida</i>	54	3
6812	Limahuli Valley cyanea	<i>Cyanea kuhihewa</i>	54	3
6813	Kunths cyanea	<i>Cyanea kunthiana</i>	54	3
6814	giant kokee cyanea	<i>Cyanea leptostegia</i>	54	3
6815	purple cyanea	<i>Cyanea macrostegia</i>	54	3
6818	Marks cyanea	<i>Cyanea marksii</i>	54	3
6819	hairy cyanea	<i>Cyanea pilosa</i>	54	3
6822	pohaku cyanea	<i>Cyanea pohaku</i>	54	3
6823	Molokai cyanea	<i>Cyanea procera</i>	54	3
6824	manyfruit cyanea	<i>Cyanea pycnocarpa</i>	54	3
6825	oakleaf cyanea	<i>Cyanea quercifolia</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6826	plateau delissea	<i>Cyanea rivularis</i>	54	3
6827	pua kala	<i>Cyanea solenocalyx</i>	54	3
6828	cyanea	<i>Cyanea spp.</i>	54	3
6829	Kaiholena cyanea	<i>Cyanea stictophylla</i>	54	3
6830	Mt. Kaala cyanea	<i>Cyanea superba</i>	54	3
6833	aku aku	<i>Cyanea tritomantha</i>	54	3
6837	Coopers cyathea	<i>Cyathea cooperi</i>	54	3
6838	olioli	<i>Cyathea decurrens</i>	54	3
6840	olioli	<i>Cyathea lunulata</i>	54	3
6841	olioli	<i>Cyathea medullaris</i>	54	3
6842	kattar	<i>Cyathea nigricans</i>	54	3
6844	kattar	<i>Cyathea ponapeana</i>	54	3
6847	treefern	<i>Cyathea spp.</i>	54	3
6849	olioli	<i>Cyathea truncata</i>	54	3
6852	queen sago	<i>Cycas circinalis</i>	54	3
6853	remiang	<i>Cycas revoluta</i>	54	3
6854	Cycas	<i>Cycas spp.</i>	54	3
6855	ola	<i>Cyclophyllum barbatum</i>	54	3
6858	gulos	<i>Cynometra ramiflora</i>	54	3
6860	tree-tomato	<i>Cyphomandra betacea</i>	54	3
6864	Cyrtandra	<i>Cyrtandra ramosissima</i>	54	3
6865	forest cyrtandra	<i>Cyrtandra giffardii</i>	54	3
6866	cyrtandra	<i>Cyrtandra spp.</i>	54	3
6875	Hawaii delissea	<i>Delissea fallax</i>	54	3
6876	cutleaf delissea	<i>Delissea laciniata</i>	54	3
6877	Niihau delissea	<i>Delissea niihauensis</i>	54	3
6880	smallflower delissea	<i>Delissea parviflora</i>	54	3
6881	delissea	<i>Delissea spp.</i>	54	3
6882	leechleaf delissea	<i>Delissea undulata</i>	54	3
6883	royal poinciana	<i>Delonix regia</i>	54	3
6884	delonix	<i>Delonix spp.</i>	54	3
6885	salato	<i>Dendrocnide harveyi</i>	54	3
6886	kahtat	<i>Dendrocnide latifolia</i>	54	3
6887	Dendrocnide	<i>Dendrocnide spp.</i>	54	3
6891	redpalm	<i>Dictyosperma album</i>	54	3
6898	Shrubby dillenia	<i>Dillenia suffruticosa</i>	54	3
6900	mabolo	<i>Diospyros blancoi</i>	54	3
6902	Mabolo	<i>Diospyros discolor</i>	54	3
6903	Black sapote	<i>Diospyros ebenaster</i>	54	3
6904	anume	<i>Diospyros elliptica</i>	54	3
6905	Diospyros ferrea	<i>Diospyros ferrea</i>	54	3
6906	elama	<i>Diospyros hillebrandii</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6907	persimmon	<i>Diospyros kaki</i>	54	3
6910	auauli	<i>Diospyros samoensis</i>	54	3
6911	lama	<i>Diospyros sandwicensis</i>	54	3
6919	fern	<i>Dipteris conjugate</i>	54	3
6921	otot	<i>Discocalyx ponapensis</i>	54	3
6927	Florida hopbush	<i>Dodonaea viscosa</i>	54	3
6928	rriu	<i>Dolichandrone spathacea</i>	54	3
6930	Ceylon gooseberry	<i>Dovyalis hebecarpa</i>	54	3
6933	Dracaena multiflora	<i>Dracaena multiflora</i>	54	3
6941	kevert	<i>Drypetes nitida</i>	54	3
6942	Drypetes	<i>Drypetes spp.</i>	54	3
6943	none	<i>Drypetes vitiensis</i>	54	3
6944	Dubautia	<i>Dubautia demissifolia</i>	54	3
6945	Dubautia	<i>Dubautia fallax</i>	54	3
6946	Dubautia	<i>Dubautia montana</i>	54	3
6947	Mauna Kea dubautia	<i>Dubautia arborea</i>	54	3
6948	forest dubautia	<i>Dubautia knudsenii</i>	54	3
6952	Kauai dubautia	<i>Dubautia microcephala</i>	54	3
6953	plantainleaf dubautia	<i>Dubautia plantaginea</i>	54	3
6957	netvein dubautia	<i>Dubautia reticulata</i>	54	3
6958	dubautia	<i>Dubautia spp.</i>	54	3
6961	golden dewdrops	<i>Duranta erecta</i>	54	3
6965	Durian	<i>Durio zibethinus</i>	54	3
6966	Dypsis lutescens	<i>Dypsis lutescens</i>	54	3
6968	maota mea	<i>Dysoxylum huntii</i>	54	3
6969	maota	<i>Dysoxylum maota</i>	54	3
6970	mamala	<i>Dysoxylum samoense</i>	54	3
6971	Dysoxylum	<i>Dysoxylum spp.</i>	54	3
6973	oil nut palm	<i>Elaeis guineensis</i>	53	3
6975	kalia	<i>Elaeocarpus bifidus</i>	54	3
6976	syatak	<i>Elaeocarpus carolinensis</i>	54	3
6977	`a`mati`e	<i>Elaeocarpus floridanus</i>	54	3
6978	Elaeocarpus graeffei	<i>Elaeocarpus graeffei</i>	54	3
6979	sapatua	<i>Elaeocarpus grandis</i>	54	3
6980	joga	<i>Elaeocarpus joga</i>	54	3
6981	Elaeocarpus kerstingianus	<i>Elaeocarpus kerstingianus</i>	54	3
6982	maratte, opop	<i>Elaeocarpus kusanoi</i>	54	3
6983	Elaeocarpus	<i>Elaeocarpus spp.</i>	54	3
6984	aamatie	<i>Elaeocarpus tonganus</i>	54	3
6985	Elaeocarpus	<i>Elaeocarpus ulianus</i>	54	3
6990	taputoi	<i>Elatostachys falcata</i>	54	3
6992	`utu`utu	<i>Eleocharis dulcis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
6994	elaecarpa	<i>Endiandra elaeocarpa</i>	54	3
6996	monkeysoap	<i>Enterolobium cyclocarpum</i>	54	3
6998	loquat	<i>Eriobotrya japonica</i>	54	3
6999	loquat	<i>Eriobotrya spp.</i>	54	3
7008	bucayo	<i>Erythrina fusca</i>	54	3
7012	wili wili	<i>Erythrina sandwicensis</i>	54	3
7013	erythrina	<i>Erythrina spp.</i>	54	3
7014	gatae palagi	<i>Erythrina subumbrans</i>	54	3
7016	tiger's claw	<i>Erythrina variegata var. orientalis</i>	54	3
7017	acuminatissimum	<i>Erythrospermum acuminatissimum</i>	54	3
7025	southern mahogany	<i>Eucalyptus botryoides</i>	54	3
7026	applebox	<i>Eucalyptus bridgesiana</i>	54	3
7028	argyle apple	<i>Eucalyptus cinerea</i>	54	3
7030	sugargum	<i>Eucalyptus cladocalyx</i>	54	3
7031	yate	<i>Eucalyptus cornuta</i>	54	3
7032	narrowleaf red ironbark	<i>Eucalyptus crebra</i>	54	3
7033	roundleaf gum	<i>Eucalyptus deanei</i>	54	3
7034	Indonesian gum	<i>Eucalyptus deglupta</i>	54	3
7038	tuart	<i>Eucalyptus gomphocephala</i>	54	3
7039	mountain graygum	<i>Eucalyptus gonicalyx</i>	54	3
7041	white box	<i>Eucalyptus hemiphloia</i>	54	3
7044	jarrah	<i>Eucalyptus marginata</i>	54	3
7045	Australian tallowwood	<i>Eucalyptus microcorys</i>	54	3
7046	gray ironbark	<i>Eucalyptus paniculata</i>	54	3
7047	blackbutt	<i>Eucalyptus pilularis</i>	54	3
7048	black ironbox	<i>Eucalyptus raveretiana</i>	54	3
7049	redmahogany	<i>Eucalyptus resinifera</i>	54	3
7051	Western Australian floodedgum	<i>Eucalyptus rudis</i>	54	3
7052	black peppermint	<i>Eucalyptus salicifolia</i>	54	3
7053	Sydney bluegum	<i>Eucalyptus saligna</i>	54	3
7054	red ironbark	<i>Eucalyptus sideroxylon</i>	54	3
7056	forest redgum	<i>Eucalyptus tereticornis</i>	54	3
7057	manna gum	<i>Eucalyptus viminalis</i>	54	3
7059	edebachel, chedebachel	<i>Eugenia aquea</i>	54	3
7065	cloves	<i>Eugenia caryophyllus</i>	54	3
7078	macupa, wax apple	<i>Eugenia javanica</i>	54	3
7079	nioi	<i>Eugenia koolauensis</i>	54	3
7082	makupa, malay apple	<i>Eugenia malaccensis</i>	54	3
7086	<i>Eugenia nitida</i>	<i>Eugenia nitida</i>	54	3
7087	orenged	<i>Eugenia palauensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7088	agatelang	<i>Eugenia palumbis</i>	54	3
7091	mountain stopper	<i>Eugenia reinwardtiana</i>	54	3
7096	stopper	<i>Eugenia spp.</i>	54	3
7099	luluhut	<i>Eugenia stelechantha</i>	54	3
7101	rebotel	<i>Eugenia suzukii</i>	54	3
7102	atoto	<i>Eugenia thompsonii</i>	54	3
7104	Surinam cherry	<i>Eugenia uniflora</i>	54	3
7110	Kauai spurge	<i>Euphorbia haeleeeleana</i>	54	3
7112	Indian spurgetree	<i>Euphorbia nerifolia</i>	54	3
7114	poinsettia	<i>Euphorbia pulcherrima</i>	54	3
7115	spurge	<i>Euphorbia spp.</i>	54	3
7116	Indiantree spurge	<i>Euphorbia tirucalli</i>	54	3
7117	Longan	<i>Euphoria longana</i>	54	3
7119	anini	<i>Eurya sandwicensis</i>	54	3
7120	eurya	<i>Eurya spp.</i>	54	3
7123	Euodia hortensis	<i>Euodia hortensis</i>	54	3
7124	kertub	<i>Euodia nitida</i>	54	3
7125	beror	<i>Euodia palawensis</i>	54	3
7126	Euodia ponapensis	<i>Euodia ponapensis</i>	54	3
7127	Euodia	<i>Euodia spp.</i>	54	3
7128	Euodia trichantha	<i>Euodia trichantha</i>	54	3
7129	blinding tree	<i>Excoecaria agallocha</i>	54	3
7131	hulumoa	<i>Exocarpos gaudichaudii</i>	54	3
7132	exocarpos	<i>Exocarpos spp.</i>	54	3
7133	kotop	<i>Exorrhiza ponapensis</i>	54	3
7141	pualulu	<i>Fagraea beteroana</i>	54	3
7142	ksid	<i>Fagraea ksid</i>	54	3
7143	Fagraea	<i>Fagraea spp.</i>	54	3
7144	peacocksplume	<i>Paraserianthes falcataria</i>	54	3
7145	peacocksplume	<i>Falcataria spp.</i>	54	3
7151	edible fig	<i>Ficus carica</i>	54	3
7155	Indian rubberplant	<i>Ficus elastica</i>	54	3
7156	mati	<i>Ficus godeffroyi</i>	54	3
7160	Chinese banyan	<i>Ficus microcarpa</i>	54	3
7162	tibig	<i>Ficus nota</i>	54	3
7163	aoa	<i>Ficus obliqua</i>	54	3
7165	aoa	<i>Ficus prolixa</i>	54	3
7167	Port Jackson fig	<i>Ficus rubiginosa</i>	54	3
7168	lulk, banyan	<i>Ficus saffordii</i>	54	3
7169	mati vao	<i>Ficus scabra</i>	54	3
7171	fig	<i>Ficus spp.</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7175	Chinese banyan	<i>Ficus thonningii</i>	54	3
7176	mati	<i>Ficus tinctoria</i>	54	3
7178	mati	<i>Ficus uniauriculata</i>	54	3
7179	higo	<i>Ficus virens</i>	54	3
7180	Finschia chloroxantha	<i>Finschia chloroxantha</i>	54	3
7182	burrdaystree	<i>Fitchia speciosa</i>	54	3
7186	filimoto	<i>Flacourtia rukam</i>	54	3
7188	Queensland maple	<i>Flindersia brayleyana</i>	54	3
7191	poumuli	<i>Flueggea flexuosa</i>	54	3
7192	mehamehame	<i>Flueggea neowawraea</i>	54	3
7193	bushweed	<i>Flueggea spp.</i>	54	3
7200	California buckthorn	<i>Frangula californica</i>	54	3
7206	shamel ash	<i>Fraxinus uhdei</i>	54	3
7207	Bolivian fuchsia	<i>Fuchsia boliviana</i>	54	3
7208	shrubby fuchsia	<i>Fuchsia paniculata</i>	54	3
7209	fuchsia	<i>Fuchsia spp.</i>	54	3
7210	silkrubber	<i>Funtumia elastica</i>	54	3
7211	avocado	<i>Persea americana</i>	47	3
7214	mangosteen	<i>Garcinia mangostana</i>	54	3
7215	tilol	<i>Garcinia matsudai</i>	54	3
7216	none	<i>Garcinia myrtifolia</i>	54	3
7217	konpuil	<i>Garcinia ponapensis</i>	54	3
7219	tilol	<i>Garcinia rumiyo</i>	54	3
7221	Garcinia	<i>Garcinia spp.</i>	54	3
7224	forest gardenia	<i>Gardenia brighamii</i>	54	3
7225	Oahu gardenia	<i>Gardenia mannii</i>	54	3
7226	Remys gardenia	<i>Gardenia remyi</i>	54	3
7227	gardenia	<i>Gardenia spp.</i>	54	3
7228	Tahitian gardenia	<i>Gardenia taitensis</i>	54	3
7229	manuai vivao	<i>Garuga floribunda</i>	54	3
7233	taipoipo	<i>Geniostoma rupestre</i>	54	3
7241	Gironniera celtidifolia	<i>Gironniera celtidifolia</i>	54	3
7245	quickstick	<i>Gliricidia sepium</i>	54	3
7247	masame	<i>Glochidion cuspidatum</i>	54	3
7248	Glochidion marianum	<i>Glochidion marianum</i>	54	3
7249	masame	<i>Glochidion ramiflorum</i>	54	3
7250	Glochidion	<i>Glochidion spp.</i>	54	3
7251	belau	<i>Gmelina elliptica</i>	54	3
7252	blacheos	<i>Gmelina palawensis</i>	54	3
7253	Gmelina	<i>Gmelina spp.</i>	54	3
7254	Gnetum gnemon	<i>Gnetum gnemon</i>	54	3
7260	Goniothalamus carolinensis	<i>Goniothalamus carolinensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7262	Creole cotton	<i>Gossypium barbadense</i>	54	3
7264	Gossypium hirsutum	<i>Gossypium hirsutum</i>	54	3
7272	kahiliflower	<i>Grevillea banksii</i>	54	3
7273	silkoak	<i>Grevillea robusta</i>	54	3
7274	grevillea	<i>Grevillea spp.</i>	54	3
7275	fau ui	<i>Grewia crenata</i>	54	3
7279	lignum-vitae	<i>Guajacum officinale</i>	54	3
7282	paipai	<i>Guamia mariannae</i>	54	3
7307	puapua	<i>Guettarda speciosa</i>	54	3
7311	rhoifolia	<i>Guioa rhoifolia</i>	54	3
7312	Guioa	<i>Guioa spp.</i>	54	3
7313	bochela uchererak, uch	<i>Gulubia palauensis</i>	54	3
7319	vilivili	<i>Gyrocarpus americanus</i>	54	3
7321	bloodwoodtree	<i>Haematoxylum campechianum</i>	54	3
7332	Haplolobus floribundus	<i>Haplolobus floribundus</i>	54	3
7334	fa`a'ili	<i>Harpullia arborea</i>	54	3
7338	denticulata	<i>Hedycarya denticulata</i>	54	3
7340	Hedycarya	<i>Hedycarya spp.</i>	54	3
7343	Fosbergs starviolet	<i>Hedyotis fosbergii</i>	54	3
7344	manono	<i>Hedyotis hillebrandii</i>	54	3
7345	starviolet	<i>Hedyotis spp.</i>	54	3
7346	variable starviolet	<i>Hedyotis terminalis</i>	54	3
7349	white moho	<i>Heliocarpus popayanensis</i>	54	3
7350	heliocarpus	<i>Heliocarpus spp.</i>	54	3
7359	ufa	<i>Heritiera littoralis</i>	54	3
7360	ufa halemtano	<i>Heritiera longipetiolata</i>	54	3
7362	Heritiera	<i>Heritiera spp.</i>	54	3
7363	pipi	<i>Hernandia moerenhoutiana</i>	54	3
7364	pua, Chinese lantern tree	<i>Hernandia nymphaeifolia</i>	54	3
7365	Hernandia ovigera	<i>Hernandia ovigera</i>	54	3
7366	mago	<i>Hernandia sonora</i>	54	3
7367	Hernandia	<i>Hernandia spp.</i>	54	3
7370	Lanai island-aster	<i>Hesperomannia arborescens</i>	54	3
7371	Maui island-aster	<i>Hesperomannia arbuscula</i>	54	3
7372	Kauai island-aster	<i>Hesperomannia lydgatei</i>	54	3
7373	island-aster	<i>Hesperomannia spp.</i>	54	3
7374	toyon	<i>Heteromeles arbutifolia</i>	54	3
7376	toyon	<i>Heteromeles spp.</i>	54	3
7377	palma brava	<i>Heterospatha elata</i>	53	3
7381	para rubber tree	<i>Hevea brasiliensis</i>	54	3
7384	hau kuahiwi	<i>Hibiscadelphus bombycinus</i>	54	3
7385	lava hau kuahiwi	<i>Hibiscadelphus crucibracteatus</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7386	Kauai hau kuahiwi	<i>Hibiscadelphus distans</i>	54	3
7387	Kilauea hau kuahiwi	<i>Hibiscadelphus giffardianus</i>	54	3
7388	Hualalai hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	54	3
7389	hau kuahiwi	<i>Hibiscadelphus puakuahiwi</i>	54	3
7390	hibiscadelphus	<i>Hibiscadelphus spp.</i>	54	3
7391	Maui hau kuahiwi	<i>Hibiscadelphus wilderianus</i>	54	3
7392	Woods hau kuahiwi	<i>Hibiscadelphus woodii</i>	54	3
7393	white rosemallow	<i>Hibiscus arnottianus</i>	54	3
7397	Brackenridges rosemallow	<i>Hibiscus brackenridgei</i>	54	3
7401	lemonyellow rosemallow	<i>Hibiscus calyphyllus</i>	54	3
7402	red Kauai rosemallow	<i>Hibiscus clayi</i>	54	3
7403	mahoe	<i>Hibiscus elatus</i>	54	3
7404	red rosemallow	<i>Hibiscus kokio</i>	54	3
7407	largeleaf rosemallow	<i>Hibiscus macrophyllus</i>	54	3
7408	Dixie rosemallow	<i>Hibiscus mutabilis</i>	54	3
7411	rosemallow	<i>Hibiscus spp.</i>	54	3
7412	sea hibiscus	<i>Hibiscus tiliaceus</i>	54	3
7413	white Kauai rosemallow	<i>Hibiscus waimeae</i>	54	3
7424	Homalium whitmeeanum	<i>Homalium whitmeeanum</i>	54	3
7427	chemeklachel, eumail	<i>Horsfieldia amklaal</i>	54	3
7428	ersachel	<i>Horsfieldia novoguineensis</i>	54	3
7429	Horsfieldia nunu	<i>Horsfieldia nunu</i>	54	3
7430	chersachel	<i>Horsfieldia palauensis</i>	54	3
7431	Horsfieldia	<i>Horsfieldia spp.</i>	54	3
7440	nightblooming cactus	<i>Hylocereus spp.</i>	54	3
7441	nightblooming cactus	<i>Hylocereus undatus</i>	54	3
7448	Canary Island St. Johnswort	<i>Hypericum canariense</i>	54	3
7453	Hawaii holly	<i>Ilex anomala</i>	54	3
7454	English holly	<i>Ilex aquifolium</i>	54	3
7460	mate	<i>Ilex paraguariensis</i>	54	3
7464	holly	<i>Ilex spp.</i>	54	3
7475	ifi	<i>Inocarpus fagifer</i>	54	3
7477	ifilele	<i>Intsia bijuga</i>	54	3
7482	black poui	<i>Jacaranda mimosifolia</i>	54	3
7483	jacaranda	<i>Jacaranda spp.</i>	54	3
7491	Barbados nut	<i>Jatropha curcas</i>	54	3
7494	nettlespurge	<i>Jatropha spp.</i>	54	3
7497	ketoguit	<i>Kayea pacifica</i>	54	3
7506	guest tree	<i>Kleinhovia hospita</i>	54	3
7509	Molokai treecotton	<i>Kokia cookei</i>	54	3
7510	Hawaii treecotton	<i>Kokia drynarioides</i>	54	3
7511	Kauai treecotton	<i>Kokia kauaiensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7512	Wailupe Valley treecotton	<i>Kokia lanceolata</i>	54	3
7513	treecotton	<i>Kokia spp.</i>	54	3
7516	burgan	<i>Kunzea ericoides</i>	54	3
7517	Kunzea	<i>Kunzea spp.</i>	54	3
7518	summit labordia	<i>Labordia fagraeoides</i>	54	3
7519	bog labordia	<i>Labordia hedyosmifolia</i>	54	3
7520	mountain labordia	<i>Labordia hirtella</i>	54	3
7521	Waianae Range labordia	<i>Labordia kaalae</i>	54	3
7522	Wahiawa Mountain labordia	<i>Labordia lydgatei</i>	54	3
7523	labordia	<i>Labordia spp.</i>	54	3
7524	paleflower labordia	<i>Labordia tinifolia</i>	54	3
7528	Lanai labordia	<i>Labordia triflora</i>	54	3
7529	Nevada peavine	<i>Labordia waiolani</i>	54	3
7533	pride of India	<i>Lagerstroemia speciosa</i>	54	3
7539	Langsat	<i>Lansium domesticum</i>	54	3
7543	bluelatan	<i>Latania loddigesii</i>	54	3
7558	large-leaf yellow teatree	<i>Leptospermum morrisonii</i>	54	3
7559	common teatree	<i>Leptospermum petersonii</i>	54	3
7560	common teatree	<i>Leptospermum polygalifolium</i>	54	3
7561	broom teatree	<i>Leptospermum scoparium</i>	54	3
7562	teatree	<i>Leptospermum spp.</i>	54	3
7564	Leucaena insularum	<i>Leucaena insularum</i>	54	3
7565	white leadtree	<i>Leucaena leucocephala</i>	54	3
7566	leadtree	<i>Leucaena spp.</i>	54	3
7575	Chinese privet	<i>Ligustrum sinense</i>	54	3
7576	privet	<i>Ligustrum spp.</i>	54	3
7583	Lychee	<i>Litchi chinensis</i>	54	3
7586	papaono	<i>Litsea samoensis</i>	54	3
7587	Litsea	<i>Litsea spp.</i>	54	3
7588	fountain palm	<i>Livistona chinensis</i>	54	3
7595	vinegartree	<i>Lophostemon confertus</i>	54	3
7598	Egg Fruit / Canistel	<i>Lucuma nervosa</i>	54	3
7602	bakauaine, nana	<i>Lumnitzera littorea</i>	54	3
7614	macadamia nut tree, pengua	<i>Macadamia integrifolia</i>	54	3
7616	Macadamia	<i>Macadamia spp.</i>	54	3
7617	Macadamia Nut	<i>Macadamia tetraphylla</i>	54	3
7618	bedel	<i>Macaranga carolinensis</i>	54	3
7619	Macaranga grayana	<i>Macaranga grayana</i>	54	3
7620	lau pata	<i>Macaranga harveyana</i>	54	3
7621	pengua	<i>Macaranga mappa</i>	54	3
7623	macaranga	<i>Macaranga spp.</i>	54	3
7625	lau fatu	<i>Macaranga stipulosa</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7626	parasol leaf tree	<i>Macaranga tanarius</i>	54	3
7627	Macaranga thompsonii	<i>Macaranga thompsonii</i>	54	3
7638	Mallotus palauensis	<i>Mallotus palauensis</i>	54	3
7639	kamala tree	<i>Mallotus philippensis</i>	54	3
7641	mallotus	<i>Mallotus spp.</i>	54	3
7642	Mallotus tiliifolius	<i>Mallotus tiliifolius</i>	54	3
7653	manapau	<i>Mammea glauca</i>	54	3
7654	chopak	<i>Mammea odorata</i>	54	3
7655	Mammea	<i>Mammea spp.</i>	54	3
7657	kanit	<i>Mangifera minor</i>	54	3
7658	saipan mango	<i>Mangifera odorata</i>	54	3
7659	mango	<i>Mangifera spp.</i>	54	3
7660	ceara rubber tree	<i>Manihot glaziovii</i>	54	3
7661	manihot	<i>Manihot spp.</i>	54	3
7664	pani	<i>Manilkara dissecta</i>	54	3
7666	kohle	<i>Manilkara hoshinoi</i>	54	3
7671	Manilkara	<i>Manilkara spp.</i>	54	3
7672	udeuid	<i>Manilkara udoido</i>	54	3
7674	sapodilla	<i>Manilkara zapota</i>	54	3
7679	bkau, apgau	<i>Maranthes corymbosa</i>	54	3
7680	dermarm	<i>Marattia fraxinea</i>	54	3
7704	Medusanthera carolinensis	<i>Medusanthera carolinensis</i>	54	3
7705	matamo	<i>Medusanthera samoensis</i>	54	3
7706	Medusanthera	<i>Medusanthera spp.</i>	54	3
7709	melaleuca	<i>Melaleuca spp.</i>	54	3
7710	alom	<i>Melanolepis multiglandulosa</i>	54	3
7712	Melastoma candidum	<i>Melastoma candidum</i>	54	3
7713	Melastoma sanguineum	<i>Melastoma sanguineum</i>	54	3
7716	melia	<i>Melia spp.</i>	54	3
7719	mokihana	<i>Melicope anisata</i>	54	3
7720	Ballous melicope	<i>Melicope balloui</i>	54	3
7721	uahiapele	<i>Melicope barbigera</i>	54	3
7722	Waianae Range melicope	<i>Melicope christophersenii</i>	54	3
7723	manena	<i>Melicope cinerea</i>	54	3
7724	kukaemoa	<i>Melicope clusiifolia</i>	54	3
7725	piloula	<i>Melicope cruciata</i>	54	3
7726	leiohiiaka	<i>Melicope elliptica</i>	54	3
7727	Haleakala melicope	<i>Melicope haleakalae</i>	54	3
7728	Haupa Mountain melicope	<i>Melicope haupuensis</i>	54	3
7729	mokihana kukaemoa	<i>Melicope hawaiiensis</i>	54	3
7730	Monoa melicope	<i>Melicope hiitakae</i>	54	3
7731	Honolulu melicope	<i>Melicope hosakae</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7732	Kaala melicope	<i>Melicope kaalaensis</i>	54	3
7733	Olokele Valley melicope	<i>Melicope knudsenii</i>	54	3
7734	Kaholuamanu melicope	<i>Melicope macropus</i>	54	3
7735	Makaha Valley melicope	<i>Melicope makahae</i>	54	3
7736	Molokai melicope	<i>Melicope molokaiensis</i>	54	3
7737	alani	<i>Melicope mucronulata</i>	54	3
7738	Oahu melicope	<i>Melicope oahuensis</i>	54	3
7739	Makawao melicope	<i>Melicope obovata</i>	54	3
7740	Honokahua melicope	<i>Melicope orbicularis</i>	54	3
7741	Hana melicope	<i>Melicope ovalis</i>	54	3
7742	eggshape melicope	<i>Melicope ovata</i>	54	3
7743	pale melicope	<i>Melicope pallida</i>	54	3
7744	Lihue melicope	<i>Melicope paniculata</i>	54	3
7745	boxfruit alani	<i>Melicope peduncularis</i>	54	3
7746	Kohala Summit melicope	<i>Melicope pseudoanisata</i>	54	3
7747	hairy melicope	<i>Melicope puberula</i>	54	3
7748	fourangle melicope	<i>Melicope quadrangularis</i>	54	3
7749	kapu melicope	<i>Melicope radiata</i>	54	3
7750	soopini	<i>Melicope latifolia</i>	54	3
7751	roundleaf melicope	<i>Melicope rotundifolia</i>	54	3
7752	St. Johns melicope	<i>Melicope saint-johnii</i>	54	3
7753	Mt. Kaala melicope	<i>Melicope sandwicensis</i>	54	3
7754	melicope	<i>Melicope spp.</i>	54	3
7755	volcanic melicope	<i>Melicope volcanica</i>	54	3
7756	alani wai	<i>Melicope waialealae</i>	54	3
7757	Monoa melicope	<i>Melicope wawraeana</i>	54	3
7758	kipuka piaula	<i>Melicope zahlbruckneri</i>	54	3
7759	samoensis	<i>Melicytus samoensis</i>	54	3
7766	mao	<i>Melochia aristata</i>	54	3
7767	melochia	<i>Melochia spp.</i>	54	3
7769	hierba del soldado	<i>Melochia umbellata</i>	54	3
7774	faniok	<i>Merrilliodendron megacarpum</i>	54	3
7776	fagufagu	<i>Meryta macrophylla</i>	54	3
7777	omechidel	<i>Meryta senffiana</i>	54	3
7778	Meryta	<i>Meryta spp.</i>	54	3
7781	collina	<i>Metrosideros collina</i>	54	3
7782	ohia	<i>Metrosideros macropus</i>	54	3
7783	ohia lehua	<i>Metrosideros polymorpha</i>	54	3
7792	lehua papa	<i>Metrosideros rugosa</i>	54	3
7793	lehua	<i>Metrosideros spp.</i>	54	3
7794	lehua ahihi	<i>Metrosideros tremuloides</i>	54	3
7795	Kauai bottlebrush	<i>Metrosideros waialealae</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7798	ivory-nut palm	<i>Metroxylon amicarum</i>	53	3
7799	sago palm	<i>Metroxylon sagu</i>	53	3
7800	Metroxylon	<i>Metroxylon spp.</i>	54	3
7801	Orange Champak	<i>Michelia champaca</i>	54	3
7805	velvet tree	<i>Miconia calvescens</i>	54	3
7824	talafulu	<i>Micromelum minutum</i>	54	3
7831	pinnata	<i>Millettia pinnata</i>	54	3
7835	bulletwood, elengi	<i>Mimusops elengi</i>	54	3
7841	treedaisy	<i>Montanoa hibiscifolia</i>	54	3
7842	montanoa	<i>Montanoa spp.</i>	54	3
7845	Morella cerifera	<i>Morella cerifera</i>	54	3
7846	firetree	<i>Morella faya</i>	54	3
7848	bayberry	<i>Morella spp.</i>	54	3
7849	Indian mulberry	<i>Morinda citrifolia</i>	54	3
7850	ngel	<i>Morinda latibractea</i>	54	3
7851	Morinda pedunculata	<i>Morinda pedunculata</i>	54	3
7852	morinda	<i>Morinda spp.</i>	54	3
7853	noni kuahiwi	<i>Morinda trimera</i>	54	3
7855	horseradish tree	<i>Moringa oleifera</i>	54	3
7865	falsehohe	<i>Munroidendron racemosum</i>	54	3
7867	strawberrytrees	<i>Muntingia calabura</i>	54	3
7868	muntingia	<i>Muntingia spp.</i>	54	3
7872	French plantain	<i>Musa paradisiaca</i>	54	3
7873	bungeltuu	<i>Musa coccinea</i>	54	3
7874	tama	<i>Musa nana</i>	54	3
7875	tuu banana	<i>Musa sapientum</i>	54	3
7876	meia	<i>Musa spp.</i>	54	3
7877	blantalos	<i>Musa textilis</i>	54	3
7878	tikap	<i>Musa tikap</i>	54	3
7879	fei banana	<i>Musa troglodytarum</i>	54	3
7880	Mussaenda frondosa	<i>Mussaenda frondosa</i>	54	3
7881	aloalo vao	<i>Mussaenda raiateensis</i>	54	3
7882	Mussaenda	<i>Mussaenda spp.</i>	54	3
7883	naio	<i>Myoporum sandwicense</i>	54	3
7884	myoporum	<i>Myoporum spp.</i>	54	3
7892	rodwood	<i>Myrcia spp.</i>	54	3
7899	yamamomo, strawberry tree	<i>Myrica rubra</i>	54	3
7900	sweetgale	<i>Myrica spp.</i>	54	3
7901	atone	<i>Myristica fatua</i>	54	3
7902	atoneulu	<i>Myristica hypargyreae</i>	54	3
7903	adepurot	<i>Myristica insularis</i>	54	3
7904	Myristica	<i>Myristica spp.</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7906	Myristica inutilis	<i>Myristica inutilis</i>	54	3
7910	forest colicwood	<i>Myrsine alyxifolia</i>	54	3
7913	summit colicwood	<i>Myrsine degeneri</i>	54	3
7914	mountain colicwood	<i>Myrsine emarginata</i>	54	3
7915	streambank colicwood	<i>Myrsine fernseei</i>	54	3
7916	Koolau Range colicwood	<i>Myrsine fosbergii</i>	54	3
7918	Wahiawa Bog colicwood	<i>Myrsine helleri</i>	54	3
7919	Kauai colicwood	<i>Myrsine kauaiensis</i>	54	3
7920	Kokee colicwood	<i>Myrsine knudsenii</i>	54	3
7921	Lanai colicwood	<i>Myrsine lanaiensis</i>	54	3
7922	kolea lau nui	<i>Myrsine lessertiana</i>	54	3
7923	Hanapepe River colicwood	<i>Myrsine mezii</i>	54	3
7924	swamp colicwood	<i>Myrsine petiolata</i>	54	3
7925	Molokai colicwood	<i>Myrsine pukooensis</i>	54	3
7926	kokea lau lii	<i>Myrsine sandwicensis</i>	54	3
7927	colicwood	<i>Myrsine spp.</i>	54	3
7928	Mt. Kahili colicwood	<i>Myrsine wawraea</i>	54	3
7942	fao	<i>Neisosperma oppositifolia</i>	54	3
7948	afa	<i>Neonauclea forsteri</i>	54	3
7952	Rambutan	<i>Nephelium lappaceum</i>	54	3
7954	maaloa	<i>Neraudia melastomifolia</i>	54	3
7958	keahi	<i>Nesoluma polynesianum</i>	54	3
7960	Hawaii olive	<i>Nestegis sandwicensis</i>	54	3
7961	nestegis	<i>Nestegis spp.</i>	54	3
7962	kalm, aralm	<i>Neuburgia celebica</i>	54	3
7964	tree tobacco	<i>Nicotiana glauca</i>	54	3
7965	tobacco	<i>Nicotiana spp.</i>	54	3
7966	smallflower aiea	<i>Nothocestrum breviflorum</i>	54	3
7967	broadleaf aiea	<i>Nothocestrum latifolium</i>	54	3
7968	longleaf aiea	<i>Nothocestrum longifolium</i>	54	3
7969	Oahu aiea	<i>Nothocestrum peltatum</i>	54	3
7970	aiea	<i>Nothocestrum spp.</i>	54	3
7971	kaala rockwort	<i>Nototrichium humile</i>	54	3
7972	Hawaii rockwort	<i>Nototrichium sandwicense</i>	54	3
7974	toechel, teuechel	<i>Nypa fruticans</i>	54	3
7977	ochna	<i>Ochna spp.</i>	54	3
7978	Thomas birds-eye bush	<i>Ochna thomasi</i>	54	3
7980	Ochroma pyramidale	<i>Ochroma pyramidale</i>	54	3
7982	holei	<i>Ochrosia compta</i>	54	3
7983	island yellowwood	<i>Ochrosia haleakalae</i>	54	3
7984	Kauai yellowwood	<i>Ochrosia kauaiensis</i>	54	3
7985	Hawaii yellowwood	<i>Ochrosia kilaueaensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
7986	yellowwood	<i>Ochrosia spp.</i>	54	3
8004	olive	<i>Olea europaea</i>	54	3
8007	olive	<i>Olea spp.</i>	54	3
8008	fanuamamala	<i>Homalanthus acuminatus</i>	54	3
8009	fanuamamala	<i>Homalanthus nutans</i>	54	3
8010	Homalanthus	<i>Homalanthus spp.</i>	54	3
8013	cochineal nopal cactus	<i>Opuntia cochenillifera</i>	54	3
8014	tuna cactus	<i>Opuntia ficus-indica</i>	54	3
8015	common pricklypear	<i>Opuntia monacantha</i>	54	3
8018	pricklypear	<i>Opuntia spp.</i>	54	3
8019	amansis, edebsungelked, necklace bead tree	<i>Ormosia calavensis</i>	54	3
8022	kesiamel	<i>Osmoxylon oliveri</i>	54	3
8023	kesiamel	<i>Osmoxylon pachyphyllum</i>	54	3
8024	Osmoxylon	<i>Osmoxylon spp.</i>	54	3
8036	miich era ngebard, guiana chestnut	<i>Pachira aquatica</i>	54	3
8044	gasu	<i>Palaquium stehlinii</i>	54	3
8054	chertochet	<i>Pandanus aimiriikensis</i>	54	3
8055	matal	<i>Pandanus cominsii</i>	54	3
8056	ongor	<i>Pandanus compressus</i>	54	3
8057	silau	<i>Pandanus cylindricus</i>	54	3
8058	kienpel	<i>Pandanus dilatatus</i>	54	3
8059	ongor	<i>Pandanus divergens</i>	54	3
8060	pahong	<i>Pandanus dubius</i>	54	3
8061	ongor	<i>Pandanus duriocarpus</i>	54	3
8062	moak	<i>Pandanus enchabiensis</i>	54	3
8063	hara	<i>Pandanus fischerianus</i>	54	3
8064	aggag	<i>Pandanus fragrans</i>	54	3
8065	nenketak	<i>Pandanus hosinoi</i>	54	3
8066	pacheren	<i>Pandanus jaluitensis</i>	54	3
8067	buuk	<i>Pandanus kanehirae</i>	54	3
8068	siu	<i>Pandanus korrensis</i>	54	3
8069	lakatwa	<i>Pandanus lakatwa</i>	54	3
8070	erwan, jonmouia	<i>Pandanus laticanaliculatus</i>	54	3
8071	intekul, pasyure	<i>Pandanus macrocephalus</i>	54	3
8072	ongor, ertochet	<i>Pandanus macrojeanneretia</i>	54	3
8073	menne	<i>Pandanus menne</i>	54	3
8074	Palaquium karrak	<i>Palaquium karrak</i>	54	3
8075	Pandanus odontoides	<i>Pandanus odontoides</i>	54	3
8076	ongor, ertochet	<i>Pandanus palawensis</i>	54	3
8077	peet	<i>Pandanus patina</i>	54	3
8078	ongor	<i>Pandanus peliliuensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8079	alwan, kupal, taip	<i>Pandanus ponapensis</i>	54	3
8080	deipw, jomineia	<i>Pandanus pulposus</i>	54	3
8081	pathaplip	<i>Pandanus rectangulatus</i>	54	3
8082	fasa	<i>Pandanus reineckeii</i>	54	3
8083	magojokojok	<i>Pandanus rotundatus</i>	54	3
8084	screwpine	<i>Pandanus spp.</i>	54	3
8085	Tahitian screwpine	<i>Pandanus tectorius</i>	54	3
8086	kiparenwel	<i>Pandanus tolotomensis</i>	54	3
8087	mojel	<i>Pandanus trukensis</i>	54	3
8088	common screwpine	<i>Pandanus utilis</i>	54	3
8090	berrakelongor	<i>Pandanus variegatus</i>	54	3
8091	rauel	<i>Pangium edule</i>	54	3
8092	lonlin, lajokorer	<i>Pandanus obliquus</i>	54	3
8103	sea	<i>Parinari insularum</i>	54	3
8104	ais	<i>Parinari laurina</i>	54	3
8105	Parinari	<i>Parinari spp.</i>	54	3
8107	Parkia korom	<i>Parkia korom</i>	54	3
8108	kmekumer	<i>Parkia parvifoliola</i>	54	3
8111	Jerusalem thorn	<i>Parkinsonia aculeata</i>	54	3
8112	paloverde	<i>Parkinsonia spp.</i>	54	3
8121	Peltophorum pterocarpum	<i>Peltophorum pterocarpum</i>	54	3
8123	ngis	<i>Pemphis acidula</i>	54	3
8129	Pericopsis mooniana	<i>Pericopsis mooniana</i>	54	3
8131	olomea	<i>Perrottetia sandwicensis</i>	54	3
8151	Canary Island date palm	<i>Phoenix canariensis</i>	53	3
8152	date palm	<i>Phoenix dactylifera</i>	53	3
8153	date palm	<i>Phoenix spp.</i>	53	3
8154	date palm	<i>Phoenix sylvestris</i>	53	3
8155	Chinese photinia	<i>Photinia davidiana</i>	53	3
8157	Tahitian gooseberry tree	<i>Phyllanthus acidus</i>	54	3
8159	pamakani mahu	<i>Phyllanthus distichus</i>	54	3
8175	allspice	<i>Pimenta dioica</i>	54	3
8178	bayrumtree	<i>Pimenta racemosa var. grisea</i>	54	3
8180	Pimenta	<i>Pimenta spp.</i>	54	3
8181	chebouch, demailei	<i>Pinanga insignis</i>	54	3
8183	Caribbean pine	<i>Pinus caribaea</i>	51	1
8187	Mexican weeping pine	<i>Pinus patula</i>	51	1
8188	maritime pine	<i>Pinus pinaster</i>	51	1
8205	Waimea pipturus	<i>Pipturus albidus</i>	54	3
8206	soga	<i>Pipturus argenteus</i>	54	3
8207	pipturus	<i>Pipturus spp.</i>	54	3
8210	piscidia	<i>Piscidia spp.</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8212	Australasian catchbirdtree	<i>Pisonia brunoniana</i>	54	3
8213	grand devils-claws	<i>Pisonia grandis</i>	54	3
8214	aulu	<i>Pisonia sandwicensis</i>	54	3
8215	catchbirdtree	<i>Pisonia spp.</i>	54	3
8217	umbrella catchbirdtree	<i>Pisonia umbellifera</i>	54	3
8218	Kauai catchbirdtree	<i>Pisonia wagneriana</i>	54	3
8220	monkeypod	<i>Pithecellobium dulce</i>	54	3
8224	Mona cheesewood, Pittosporum	<i>Pittosporum monae</i>	54	3
8226	Hawaii poisonberry tree	<i>Pittosporum argentifolium</i>	54	3
8227	hoawa	<i>Pittosporum confertiflorum</i>	54	3
8228	Waianae Range cheesewood	<i>Pittosporum flocculosum</i>	54	3
8229	Waialeale cheesewood	<i>Pittosporum gayanum</i>	54	3
8230	Koolau Range cheesewood	<i>Pittosporum glabrum</i>	54	3
8231	hoawa	<i>Pittosporum halophilum</i>	54	3
8232	Hawaii cheesewood	<i>Pittosporum hawaiiense</i>	54	3
8233	Kona cheesewood	<i>Pittosporum hosmeri</i>	54	3
8234	Kauai cheesewood	<i>Pittosporum kauaiense</i>	54	3
8235	royal cheesewood	<i>Pittosporum napaliense</i>	54	3
8236	Taiwanese cheesewood	<i>Pittosporum pentandrum</i>	54	3
8238	cheesewood	<i>Pittosporum spp.</i>	54	3
8239	cream cheesewood	<i>Pittosporum terminalioides</i>	54	3
8240	Australian cheesewood	<i>Pittosporum undulatum</i>	54	3
8241	cape cheesewood	<i>Pittosporum viridiflorum</i>	54	3
8242	alaa	<i>Planchonella garberi</i>	54	3
8243	alaa	<i>Planchonella grayana</i>	54	3
8244	alaa	<i>Planchonella linggensis</i>	54	3
8246	mamalava	<i>Planchonella samoensis</i>	54	3
8247	Planchonella	<i>Planchonella spp.</i>	54	3
8248	mamalava	<i>Planchonella torricellensis</i>	54	3
8250	Hawaii pilo kea	<i>Platydesma remyi</i>	54	3
8251	Maui pilo kea	<i>Platydesma spathulata</i>	54	3
8252	platydesma	<i>Platydesma spp.</i>	54	3
8257	golden hala pepe	<i>Pleomele aurea</i>	54	3
8258	Maui hala pepe	<i>Pleomele auwahiensis</i>	54	3
8259	Lanai hala pepe	<i>Pleomele fernaldii</i>	54	3
8260	Waianae Range hala pepe	<i>Pleomele forbesii</i>	54	3
8261	royal hala pepe	<i>Pleomele halapepe</i>	54	3
8262	Hawaii hala pepe	<i>Pleomele hawaiiensis</i>	54	3
8263	hala pepe	<i>Pleomele spp.</i>	54	3
8269	Plumeria obtusa	<i>Plumeria obtusa var. obtusa</i>	54	3
8271	templetree	<i>Plumeria rubra</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8272	Plumeria	<i>Plumeria spp.</i>	54	3
8283	bungaruau	<i>Polyscias granifolia</i>	54	3
8286	bngai	<i>Polyscias nodosa</i>	54	3
8287	tagitagi	<i>Polyscias samoensis</i>	54	3
8288	shield aralia	<i>Polyscias scutellaria</i>	54	3
8289	Polyscias	<i>Polyscias spp.</i>	54	3
8290	tava	<i>Pometia pinnata</i>	54	3
8292	kattai	<i>Ponapea hosinoi</i>	54	3
8293	Ponapea ledermanniana	<i>Ponapea ledermanniana</i>	54	3
8294	Ponapea	<i>Ponapea spp.</i>	54	3
8295	kisaks	<i>Pongamia pinnata</i>	54	3
8297	Abiu	<i>Pouteria caimito</i>	54	3
8298	elangel, chelangel	<i>Pouteria calcarea</i>	54	3
8299	eggfruit	<i>Pouteria campechiana</i>	54	3
8303	lalahag	<i>Pouteria obovata</i>	54	3
8304	alaa	<i>Pouteria sandwicensis</i>	54	3
8305	mamme sapote	<i>Pouteria sapota</i>	54	3
8306	pouteria	<i>Pouteria spp.</i>	54	3
8307	ahgao	<i>Premna obtusifolia</i>	54	3
8308	Premna pubescens	<i>Premna pubescens</i>	54	3
8309	aloalo	<i>Premna serratifolia</i>	54	3
8310	Premna	<i>Premna spp.</i>	54	3
8315	Hawaii pritchardia	<i>Pritchardia affinis</i>	54	3
8316	Maui pritchardia	<i>Pritchardia arecina</i>	54	3
8317	Kilauea pritchardia	<i>Pritchardia beccariana</i>	54	3
8318	Mt. Eke pritchardia	<i>Pritchardia forbesiana</i>	54	3
8319	Makaleha pritchardia	<i>Pritchardia hardyi</i>	54	3
8320	loulu lelo	<i>Pritchardia hillebrandii</i>	54	3
8321	Waianae Range pritchardia	<i>Pritchardia kaalae</i>	54	3
8322	Lanai pritchardia	<i>Pritchardia lanaiensis</i>	54	3
8323	loulu	<i>Pritchardia lanigera</i>	54	3
8324	Limahuli Valley pritchardia	<i>Pritchardia limahuliensis</i>	54	3
8325	Molokai pritchardia	<i>Pritchardia lowreyana</i>	54	3
8326	Koolau Range pritchardia	<i>Pritchardia martii</i>	54	3
8327	Alakai Swamp pritchardia	<i>Pritchardia minor</i>	54	3
8328	Kamalo pritchardia	<i>Pritchardia munroi</i>	54	3
8329	fan palm	<i>Pritchardia pacifica</i>	53	3
8330	Waioli Valley pritchardia	<i>Pritchardia perlmanii</i>	54	3
8331	Nihoa pritchardia	<i>Pritchardia remota</i>	54	3
8336	lands of papa pritchardia	<i>Pritchardia schattaueri</i>	54	3
8337	pritchardia	<i>Pritchardia spp.</i>	54	3
8338	stickybud pritchardia	<i>Pritchardia viscosa</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8339	poeline pritchardia	<i>Pritchardia waialealeana</i>	54	3
8343	mesquite	<i>Prosopis juliflora</i>	54	3
8344	kiawe	<i>Prosopis pallida</i>	54	3
8355	strawberry guava	<i>Psidium cattleianum</i>	54	3
8356	guava	<i>Psidium guajava</i>	54	3
8365	Koolau Range wild coffee	<i>Psychotria fauriei</i>	54	3
8366	largeflower wild coffee	<i>Psychotria grandiflora</i>	54	3
8369	Kauai wild coffee	<i>Psychotria greenwelliae</i>	54	3
8370	Waianae Range wild coffee	<i>Psychotria hathewayi</i>	54	3
8373	kopikoula	<i>Psychotria hawaiiensis</i>	54	3
8377	woodland wild coffee	<i>Psychotria hexandra</i>	54	3
8382	Oahu wild coffee	<i>Psychotria hexandra spp. oahuensis</i>	54	3
8386	milolii kopiwai	<i>Psychotria hobdyi</i>	54	3
8387	matalafi	<i>Psychotria insularum</i>	54	3
8388	kopiko kea	<i>Psychotria kaduana</i>	54	3
8390	aplohkateng	<i>Psychotria mariana</i>	54	3
8392	forest wild coffee	<i>Psychotria mariniana</i>	54	3
8393	opiko	<i>Psychotria mauiensis</i>	54	3
8398	Psychotria rhombocarpa	<i>Psychotria rhombocarpa</i>	54	3
8399	Psychotria rotensis	<i>Psychotria rotensis</i>	54	3
8400	wild coffee	<i>Psychotria spp.</i>	54	3
8401	leatherleaf wild coffee	<i>Psychotria wawrae</i>	54	3
8402	alahee	<i>Psydrax odorata</i>	54	3
8404	Kauai pteralyxia	<i>Pteralyxia kauaiensis</i>	54	3
8405	ridged pteralyxia	<i>Pteralyxia macrocarpa</i>	54	3
8406	pteralyxia	<i>Pteralyxia spp.</i>	54	3
8407	pterocarpus	<i>Pterocarpus indicus</i>	54	3
8412	Ptychococcus ledermannianus	<i>Ptychococcus ledermannianus</i>	54	3
8415	Macarthur feather palm	<i>Ptychosperma macarthuri</i>	54	3
8416	chesdbuuch	<i>Ptychosperma palauense</i>	54	3
8418	Ptychosperma	<i>Ptychosperma spp.</i>	54	3
8424	cork oak	<i>Quercus suber</i>	54	3
8430	togo vao	<i>Rapanea myricifolia</i>	54	3
8432	omechidel	<i>Rauvolfia insularis</i>	54	3
8434	devils-pepper	<i>Rauvolfia sandwicensis</i>	54	3
8435	devils-pepper	<i>Rauvolfia spp.</i>	54	3
8436	traveler's tree	<i>Ravenala madagascariensis</i>	54	3
8440	vi vao	<i>Reynoldsia lanutoensis</i>	54	3
8442	ohe makai	<i>Reynoldsia sandwicensis</i>	54	3
8443	reynoldsia	<i>Reynoldsia spp.</i>	54	3
8456	Rheeda	<i>Rheedia edulis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8458	mangle	<i>Rhizophora apiculata</i>	54	3
8460	Rhizophora lamarckii	<i>Rhizophora lamarckii</i>	54	3
8462	mangle hembra	<i>Rhizophora mucronata</i>	54	3
8463	mangrove	<i>Rhizophora spp.</i>	54	3
8464	Rhizophora stylosa	<i>Rhizophora stylosa</i>	54	3
8465	rose myrtle	<i>Rhodomyrtus spp.</i>	54	3
8466	Rhodomyrtus tomentosus	<i>Rhodomyrtus tomentosus</i>	54	3
8467	neneleau	<i>Rhus sandwicensis</i>	54	3
8468	sumac	<i>Rhus spp.</i>	54	3
8469	tavai	<i>Rhus taitensis</i>	54	3
8472	castorbean	<i>Ricinus communis</i>	54	3
8473	ricinus	<i>Ricinus spp.</i>	54	3
8474	Rinorea carolinensis	<i>Rinorea carolinensis</i>	54	3
8480	Rollinia	<i>Rollinia deliciosa</i>	54	3
8490	Roystonea elata	<i>Roystonea elata</i>	54	3
8491	royal palm	<i>Roystonea oleracea</i>	53	3
8503	etkeam, cheskeam	<i>Samadera indica</i>	54	3
8505	raintree	<i>Samanea saman</i>	54	3
8506	raintree	<i>Samanea spp.</i>	54	3
8509	common elderberry	<i>Sambucus nigra</i>	54	3
8510	raintree	<i>Sambucus spp.</i>	54	3
8514	Lacey oak	<i>Quercus laceyi</i>	47	4
8516	coastal sandalwood	<i>Santalum ellipticum</i>	54	3
8517	forest sandalwood	<i>Santalum freycinetianum</i>	54	3
8521	Haleakala sandalwood	<i>Santalum haleakalae</i>	54	3
8522	mountain sandalwood	<i>Santalum paniculatum</i>	54	3
8525	willowleaf sandalwood	<i>Santalum salicifolium</i>	54	3
8526	sandalwood	<i>Santalum spp.</i>	54	3
8528	lonomea	<i>Sapindus oahuense</i>	54	3
8529	wingleaf soapberry	<i>Sapindus saponaria</i>	54	3
8531	soapberry	<i>Sapindus spp.</i>	54	3
8532	vitiensis	<i>Sapindus vitiensis</i>	54	3
8534	maskerekur	<i>Sapium indicum</i>	54	3
8544	uunu	<i>Sarcopygme pacifica</i>	54	3
8548	Scaevola, naupaka	<i>Scaevola cerasifolia</i>	54	3
8549	naupaka kuahiwi	<i>Scaevola chamissoniana</i>	54	3
8550	mountain naupaka	<i>Scaevola gaudichaudiana</i>	54	3
8551	forest naupaka	<i>Scaevola procera</i>	54	3
8552	naupaka	<i>Scaevola spp.</i>	54	3
8553	beach naupaka	<i>Scaevola sericea</i>	54	3
8555	schaefferia	<i>Schaefferia spp.</i>	54	3
8559	samoensis	<i>Schefflera samoensis</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8560	Toitoi	<i>Scaevola taccada</i>	54	3
8561	Peruvian peppertree	<i>Schinus molle</i>	54	3
8563	Brazilian peppertree	<i>Schinus terebinthifolius</i>	54	3
8577	kuat	<i>Scyphiphora hydrophyllacea</i>	54	3
8583	poumuli	<i>Securinega flexuosa</i>	54	3
8586	tonget	<i>Semecarpus venenosa</i>	54	3
8588	emperor's candlesticks	<i>Senna alata</i>	54	3
8590	Gaudichauds senna	<i>Senna gaudichaudii</i>	54	3
8591	false sicklepod	<i>Senna multijuga</i>	54	3
8592	valamuerto	<i>Senna pendula</i>	54	3
8595	senna	<i>Senna septemtrionalis</i>	54	3
8596	Siamese cassia	<i>Senna siamea</i>	54	3
8598	senna	<i>Senna spp.</i>	54	3
8599	Senna sulfurea	<i>Senna sulfurea</i>	54	3
8600	glossy shower	<i>Senna surattensis</i>	54	3
8601	ukall	<i>Serianthes kanehirae</i>	54	3
8603	hayun lago, trongkon guafi	<i>Serianthes nelsonii</i>	54	3
8605	vegetable hummingbird	<i>Sesbania grandiflora</i>	54	3
8606	Egyptian riverhemp	<i>Sesbania sesban</i>	54	3
8607	riverhemp	<i>Sesbania spp.</i>	54	3
8609	yellow llima	<i>Sida fallax</i>	54	3
8610	fanpetals	<i>Sida spp.</i>	54	3
8628	American black nightshade	<i>Solanum americanum</i>	54	3
8631	earleaf nightshade	<i>Solanum mauritianum</i>	54	3
8635	nightshade	<i>Solanum spp.</i>	54	3
8636	turkey berry	<i>Solanum torvum</i>	54	3
8639	mangrove	<i>Sonneratia alba</i>	54	3
8641	mamani	<i>Sophora chrysophylla</i>	54	3
8642	necklacepod	<i>Sophora spp.</i>	54	3
8643	silver bush	<i>Sophora tomentosa</i>	54	3
8644	African tuliptree	<i>Spathodea campanulata</i>	54	3
8645	spathodea	<i>Spathodea spp.</i>	54	3
8646	Spiraeanthemum samoense	<i>Spiraeanthemum samoense</i>	54	3
8649	Spondias dulcis	<i>Spondias dulcis</i>	54	3
8650	yellow mombin	<i>Spondias mombin</i>	54	3
8653	Spondias	<i>Spondias spp.</i>	54	3
8655	ngmui	<i>Stemonurus ammui</i>	54	3
8656	titímel	<i>Spondias pinnata</i>	54	3
8665	fanaio	<i>Sterculia fanaiho</i>	54	3
8667	Sterculia palauensis	<i>Sterculia palauensis</i>	54	3
8669	anthropophagorum	<i>Streblus anthropophagorum</i>	54	3
8670	Hawaii roughbush	<i>Streblus pendulinus</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8671	streblus	<i>Streblus spp.</i>	54	3
8673	Styphelia tameiameiae	<i>Styphelia tameiameiae</i>	54	3
8676	bay cedar	<i>Suriana maritima</i>	54	3
8678	mahogany	<i>Swietenia spp.</i>	54	3
8679	Honduras mahogany	<i>Swietenia macrophylla</i>	54	3
8687	chebtui, ebtui	<i>Symplocos racemosa</i>	54	3
8689	turpentine tree	<i>Syncarpia glomulifera</i>	54	3
8690	turpentine tree	<i>Syncarpia spp.</i>	54	3
8691	Miracle Berry	<i>Synsepalum dulcificum</i>	54	3
8695	asi	<i>Syzygium brevifolium</i>	54	3
8696	popona	<i>Syzygium carolinense</i>	54	3
8697	asi vai	<i>Syzygium clusiifolium</i>	54	3
8699	asi vai	<i>Syzygium dealatum</i>	54	3
8700	asi	<i>Syzygium inophylloides</i>	54	3
8701	Syzygium jambos	<i>Syzygium jambos</i>	54	3
8702	Malaysian apple	<i>Syzygium malaccense</i>	54	3
8703	popona	<i>Syzygium richii</i>	54	3
8704	nonu vao	<i>Syzygium samarangense</i>	54	3
8705	fena vao	<i>Syzygium samoense</i>	54	3
8706	ohia ha	<i>Syzygium sandwicense</i>	54	3
8708	syzygium	<i>Syzygium spp.</i>	54	3
8714	pink tabebuia	<i>Tabebuia pallida</i>	54	3
8718	trumpet-tree	<i>Tabebuia spp.</i>	54	3
8719	Tabernaemontana aurantiaca	<i>Tabernaemontana aurantiaca</i>	54	3
8722	Pulu	<i>Tabernaemontana pandacaqui</i>	54	3
8723	Tabernaemontana rotensis	<i>Tabernaemontana rotensis</i>	54	3
8737	manunu	<i>Tarena sambucina</i>	54	3
8741	chestnutleaf trumpetbush	<i>Tecoma castanifolia</i>	54	3
8743	yellow trumpetbush	<i>Tecoma stans</i>	54	3
8744	teak	<i>Tectona grandis</i>	54	3
8745	tectona	<i>Tectona spp.</i>	54	3
8748	tropical almond	<i>Terminalia spp.</i>	54	3
8749	kehma	<i>Terminalia carolinensis</i>	54	3
8750	tropical almond	<i>Terminalia catappa</i>	54	3
8751	esemiich, chesemiich	<i>Terminalia crassipes</i>	54	3
8752	esemiich, chesemiich	<i>Terminalia edulis</i>	54	3
8755	tropical almond	<i>Terminalia kaernbachii</i>	54	3
8756	East Indian almond	<i>Terminalia myriocarpa</i>	54	3
8758	malili	<i>Terminalia richii</i>	54	3
8759	talie	<i>Terminalia samoensis</i>	54	3
8770	Flynnsohe	<i>Tetraplasandra flynnii</i>	54	3
8771	Koolau Rangeohe	<i>Tetraplasandra gymnocarpa</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8772	Hawaii ohe	<i>Tetraplasandra hawaiiensis</i>	54	3
8773	ohe ohe	<i>Tetraplasandra kavaiensis</i>	54	3
8774	ohe mauka	<i>Tetraplasandra oahuensis</i>	54	3
8775	tetraplasandra	<i>Tetraplasandra spp.</i>	54	3
8776	Mt. Waialeale ohe	<i>Tetraplasandra waialealae</i>	54	3
8777	ohe kiko ola	<i>Tetraplasandra waimeae</i>	54	3
8779	Florida clover ash	<i>Tetrazygia bicolor</i>	54	3
8784	cacao	<i>Theobroma cacao</i>	54	3
8787	Portia tree	<i>Thespesia populnea</i>	54	3
8788	thespesia	<i>Thespesia spp.</i>	54	3
8789	luckynut	<i>Thevetia peruviana</i>	54	3
8804	glorytree	<i>Tibouchina spp.</i>	54	3
8805	princess-flower	<i>Tibouchina urvilleana</i>	54	3
8806	Timonius corymbosus	<i>Timonius corymbosus</i>	54	3
8807	Timonius mollis	<i>Timonius mollis</i>	54	3
8808	Timonius	<i>Timonius spp.</i>	54	3
8809	Timonius subauritus	<i>Timonius subauritus</i>	54	3
8810	Timonius timon	<i>Timonius timon</i>	54	3
8811	redcedar	<i>Toona spp.</i>	54	3
8812	Australian redcedar	<i>Toona ciliata</i>	54	3
8822	olona	<i>Touchardia latifolia</i>	54	3
8823	touchardia	<i>Touchardia spp.</i>	54	3
8824	velvetleaf soldierbush	<i>Tournefortia argentea</i>	54	3
8826	soldierbush	<i>Tournefortia spp.</i>	54	3
8827	magele	<i>Trema cannabina</i>	54	3
8831	oriental trema	<i>Trema orientalis</i>	54	3
8832	trema	<i>Trema spp.</i>	54	3
8837	Trichospermum ikutai	<i>Trichospermum ikutai</i>	54	3
8838	elsau, oleiulakersus	<i>Trichospermum ledermannii</i>	54	3
8839	maouli	<i>Trichospermum richii</i>	54	3
8842	limeberry	<i>Triphasia trifolia</i>	54	3
8846	faia	<i>Tristiropsis obtusangula</i>	54	3
8856	hopue	<i>Urera glabra</i>	54	3
8857	opuhe	<i>Urera kaalae</i>	54	3
8858	urera	<i>Urera spp.</i>	54	3
8866	Manila palm	<i>Veitchia merrillii</i>	54	3
8869	mu oil tree	<i>Vernicia montana</i>	54	3
8870	vernicia	<i>Vernicia spp.</i>	54	3
8872	bars, beokel	<i>Vitex cofassus</i>	54	3
8874	smallflower chastetree	<i>Vitex parviflora</i>	54	3
8875	chastetree	<i>Vitex spp.</i>	54	3
8876	simpleleaf chastetree	<i>Vitex trifolia</i>	54	3

SPCD	COMMON NAME	SCIENTIFIC NAME	SPGRPCD	MAJGRP
8884	ateate	<i>Wedelia biflora</i>	54	3
8886	Weinmannia affinis	<i>Weinmannia affinis</i>	54	3
8889	alpine false ohelo	<i>Wikstroemia bicornuta</i>	54	3
8890	forest false ohelo	<i>Wikstroemia furcata</i>	54	3
8891	montane false ohelo	<i>Wikstroemia monticola</i>	54	3
8892	Oahu false ohelo	<i>Wikstroemia oahuensis</i>	54	3
8895	Hawaii false ohelo	<i>Wikstroemia phillyreifolia</i>	54	3
8896	Kohala false ohelo	<i>Wikstroemia pulcherrima</i>	54	3
8897	variableleaf false ohelo	<i>Wikstroemia sandwicensis</i>	54	3
8898	Skottsbergs false ohelo	<i>Wikstroemia skottsbergiana</i>	54	3
8899	false ohelo	<i>Wikstroemia spp.</i>	54	3
8900	hairy false ohelo	<i>Wikstroemia villosa</i>	54	3
8901	tallow wood	<i>Ximenia americana</i>	54	3
8903	lalanyog	<i>Xylocarpus granatum</i>	54	3
8904	leilei	<i>Xylocarpus moluccensis</i>	54	3
8905	Xylocarpus	<i>Xylocarpus spp.</i>	54	3
8907	sawtooth logwood	<i>Xylosma crenata</i>	54	3
8908	Hawaii brushholly	<i>Xylosma hawaiiensis</i>	54	3
8909	Xylosma nelsonii	<i>Xylosma nelsonii</i>	54	3
8911	Xylosma samoensis	<i>Xylosma samoensis</i>	54	3
8915	xylosma	<i>Xylosma spp.</i>	54	3
8925	kawau	<i>Zanthoxylum dipetalum</i>	54	3
8929	Hawaii pricklyash	<i>Zanthoxylum hawaiiense</i>	54	3
8930	Kauai pricklyash	<i>Zanthoxylum kauaense</i>	54	3
8933	Oahu pricklyash	<i>Zanthoxylum oahuense</i>	54	3
8936	pricklyash	<i>Zanthoxylum spp.</i>	54	3
8939	Indian jujube	<i>Ziziphus mauritiana</i>	54	3