

Entity and Attribute Definitions Report

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Total Pages: 47
Total Entities: 41

Parameters

<i>Application:</i>	DSC
<i>Entities:</i>	%
<i>ER Diagram:</i>	%
<i>Include Entity Notes?</i>	Y
<i>Include Attribute Descriptions?</i>	Y
<i>Include Attribute Notes?</i>	Y
<i>Include Attribute Values?</i>	Y

Data Administration

Entity Definition Report

Entity Name: AGE 10YR CLASS CODE

Short Name: A1CC

Plural: AGE 10YR CLASS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

The average age of the leading species of the stand classed into age ranges of 10 years.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* AGE 10YR CLASS CODE		N VARCHAR2	10
The average age of the leading species of the stand classed into age ranges of 10 years.			
DESCRIPTION		N VARCHAR2	500
The description of AGE 10YR CLASS CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

ATYCC Primary Y

AGE 10YR CLASS CODE

Application: DSC

Entity Name: AGE CLASS CODE**Short Name:** ACC**Plural:** AGE CLASS CODE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A code indicating the age class of the stand at the reference year. Age classes are intervals, or ranges, of ages into which trees, forests, stands, or forest types are divided into for classification and use.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* AGE CLASS CODE		N VARCHAR2	10
A code indicating the age class of the stand at the reference year. Age classes are intervals, or ranges, of ages into which trees, forests, stands, or forest types are divided into for classification and use.			
DESCRIPTION		N VARCHAR2	500
The description of AGE CLASS CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:**Each Occurrence Of This Entity:**

MAY BE pertains to one or more DECAy SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

ACC Primary Y

AGE CLASS CODE

Data Administration Entity Definition Report

Entity Name: COLOUR CODE	Short Name: CC
<i>Plural:</i> COLOUR CODE	
<i>Init. Volume:</i>	<i>Avg. Volume:</i>
	<i>Max. Volume:</i>
	<i>Annual Growth Rate:</i>

Description:

A code representing a colour.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* DECAF STAIN COLOUR CODE		N VARCHAR2	10
A code for the colour of the decay or stain.			
DESCRIPTION		N VARCHAR2	500
The description of DECAF STAIN COLOUR CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE is decay colour for one or more DECAF SAMPLE TREE DECAF

MAY BE is myc colour for one or more DECAF SAMPLE TREE DECAF

MAY BE is pfs color for one or more DECAF SAMPLE TREE DECAF

* = Relationships in primary unique identifier.

Unique Identifiers:

DSCC	<i>Primary</i> Y
DECAF STAIN COLOUR CODE	

Data Administration

Entity Definition Report

Entity Name: CROWN CANOPY POS CODE

Short Name: CCPC

Plural: CROWN CANOPY POS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A numerical ranking of the relative position of the tree crown, with respect to the stand canopy.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* CROWN CANOPY POS CODE		N VARCHAR2	10
A numerical ranking of the relative position of the tree crown, with respect to the stand canopy.			
DESCRIPTION		N VARCHAR2	500
The description of CROWN CANOPY POS CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAJ SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

CCC Primary Y

CROWN CANOPY POS CODE

Data Administration

Entity Definition Report

Entity Name: DECAF ORGANISM CODE

Short Name: DOC

Plural: DECAF ORGANISM CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the organism which caused the decay occurrence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAF ORGANISM CODE		N VARCHAR2	10
A code for the organism which caused the decay occurrence.			
DESCRIPTION		N VARCHAR2	500
The description of ORGANISM CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAF SAMPLE TREE DECAF

* = Relationships in primary unique identifier.

Unique Identifiers:

DOC Primary Y

DECAF ORGANISM CODE

Data Administration

Entity Definition Report

Entity Name: DECAY ORGANISM ENTRY CODE

Short Name: DOEC

Plural: DECAY ORGANISM ENTRY CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the location of the tree where the decay organism appeared to have entered.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAY ORGANISM ENTRY CODE		N VARCHAR2	10

A code for the location of the tree where the decay organism appeared to have entered.

DESCRIPTION		N VARCHAR2	500
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The description of DECAY ORGANISM ENTRY CODE.

EFFECTIVE DATE		N DATE	
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The date that the code becomes effective.

EXPIRY DATE		N DATE	
-------------	--	--------	--

The date that the code expires.

UPDATE TIMESTAMP		Y DATE	
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The date that the code was last updated.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

OEC	Primary	Y
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DECAY ORGANISM ENTRY CODE

Application: DSC

Entity Name: DECAY PERCENTAGE CODE **Short Name:** DPC

Plural: DECAY PERCENTAGE CODE

Init. Volume: **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:**

Description:

The relative percentage of each type of decay where more than one type of decay occurs in a tree section.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAY PERCENTAGE CODE		N VARCHAR2	10
The relative percentage of each type of decay where more than one type of decay occurs in a tree section.			
DESCRIPTION		N VARCHAR2	500
The description of ORGANISM CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more TREESCTN DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

DPC Primary Y

DECAY PERCENTAGE CODE

Entity Name: DECAY SAMPLE AREA

Short Name: DSA

Plural: DECAY SAMPLE AREA

Init. Volume: **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:**

Description:

A chosen area utilized for deriving decay information.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
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* DECAY SAMPLE ID		N	NUMBER	10
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Artificial number used to uniquely identify a sample. It is a sequential integer assigned by the database.

SAMPLE NO		N	NUMBER	4
-----------	--	---	--------	---

A number assigned at the point of data collection to identify this sample within a region and compartment.

SAMPLE DATE		N	DATE	
-------------	--	---	------	--

The year the sample was collected. The date is arbitrarily set to June 1 of that year.

SAMPLE SIZE		Y	NUMBER	6,4
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The area of the sample in hectares.

ELEVATION		Y	NUMBER	5
-----------	--	---	--------	---

The elevation(s), relative to the mean sea level, of the land contained within the polygon.

Allowable Values of Attribute

0 thru 9999

FOREST INVENTORY ZONE		Y	VARCHAR2	1
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The Forest Inventory Zone(s) (FIZ) that fall within the forest cover polygon. FIZ zones are broadly based ecological classification of the forestland in British Columbia. The province of British Columbia is split into 12 FIZ zones.

eg A,B,C are coastal zones

K,L are North East areas of the province

FIZ zones were developed to provide a broadly based ecological classification of the forestland in British Columbia.

FIZ zones closely follow the early Biogeoclimatic zones developed by Dr. Drajina. The province of British Columbia is split into 12 FIZ zones.

Allowable Values of Attribute

A thru L

INVENTORY REGION		Y	NUMBER	2
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The Inventory Region(s) that fall within the forest cover polygon. Inventory Regions are an administrative and planning level boundary used to subdivide the Province into 88 units.

Inventory Region is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Inventory Region, along with Inventory Compartment and Compartment Letter, form the key to identifying the Inventory samples.

Allowable Values of Attribute

1 thru 88

COMPARTMENT NUMBER		N	NUMBER	3
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The Inventory Compartment(s) that fall within the forest cover polygon. Inventory Compartments are a geographic subdivision of an Inventory Region, usually defining a watershed or part thereof. Inventory compartment is also part of the reference key for

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE AREA (cont'd) **Short Name:** DSA

identifying the geographic location of all Inventory Branch samples. Inventory Compartment, along with Compartment Letter and Inventory Region form the key to identifying Inventory samples.

Allowable Values of Attribute

1 thru 206

COMPARTMENT LETTER Y VARCHAR2 1

The Compartment Letter(s) that fall within the forest cover polygon. Compartment Letter is a geographic subdivision of an Inventory Compartment. Compartment Letter only applies to some Inventory Compartments (e.g. only in Inventory Regions 1, 3, 5, 6, 7, 9, 10, 11, 56). Compartment Letter is also part of the reference key for identifying the geographic location of all Inventory Branch samples. Compartment Letter, along with Inventory Compartment and Inventory Region form the key to identifying Inventory samples.

Allowable Values of Attribute

A thru P

PSYU Y NUMBER 4

The numbers of the Public Sustained Yield Unit (PSYU) that fall within the forest cover polygon.

PSYU BLOCK Y NUMBER 2

The numbers of the Public Sustained Yield Unit (PSYU) Block(S) that fall within the forest cover polygon. PSYU Blocks are subdivisions of a PSYU and indicate the presence of a sub-unit survey (i.e.. 1:10,000 scale inventory).

BEC ZONE Y VARCHAR2 4

The Biogeoclimatic Zone(s) that fall within the forest cover polygon. A Biogeoclimatic Zone is a large geographic area with a broad homogeneous macroclimate that influences the development of vegetation and soil.

BEC SUBZONE Y VARCHAR2 2

The Biogeoclimatic Subzone(s) that fall within the forest cover polygon. A Biogeoclimatic Subzone is a subdivision of the Biogeoclimatic Zone. The subdivision is based on the floristic differences in the zonal ecosystem with sequences influenced primarily by regional climate.

BEC VARIANT Y VARCHAR2 2

The Biogeoclimatic Variant(s) that fall within the polygon. A Biogeoclimatic Variant is a further division of the Biogeoclimatic Zone and Subzone. The division reflects the differences in species cover and vigour of the plant species.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE be comprised of one or more DECAY SAMPLE COMPOSITION

MAY BE collect data for one or more DECAY SAMPLE TREE

MAY BE described by one and only one AGE 10YR CLASS CODE

MAY BE described by one and only one AGE CLASS CODE

MAY BE described by one and only one HEIGHT 3M CLASS CODE

MAY BE described by one and only one HEIGHT CLASS CODE

MAY BE described by one and only one INV TYPE GROUP CODE

MUST BE described by one and only one SAMPLE TYPE CODE

MUST BE described by one and only one SITE CLASS CODE

* = Relationships in primary unique identifier.

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE AREA (cont'd)**Short Name:** DSA**Unique Identifiers:**DSA_SRC *Primary N*

COMPARTMENT LETTER

INVENTORY REGION

COMPARTMENT NUMBER

SAMPLE NO

DSA_SMP *Primary Y*

DECAY SAMPLE ID

Data Administration Entity Definition Report

Entity Name: DECAFY SAMPLE COMPOSITION		Short Name: DSC1
Plural: DECAFY SAMPLE COMPOSITION		
Init. Volume:	Avg. Volume:	Max. Volume:
Annual Growth Rate:		

Description:

The makeup of the sample which consists of tree species, indication of whether the species is major or minor, and the percentage of the total.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* SAMPLE COMPOSITION NO		N NUMBER	10
A number that, when combined with the sample number, identifies a sample composition.			
TREE SPECIES CODE		N VARCHAR2	3
* TREE MAJOR IND		N VARCHAR2	1
An indicator of whether the tree species is major or minor within the context of the sample composition.			
<i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
TREE PERCENT		Y NUMBER	3

The percentage of the total sample comprised by the tree species.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE describe species composition one and only one DECAFY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

SC_SSC Primary Y

SAMPLE COMPOSITION NO

TREE MAJOR IND

MUST BE describe species composition one and only one DECAFY SAMPLE AREA

Application: DSC

Entity Name: DECAY SAMPLE TREE**Short Name:** DST**Plural:** DECAY SAMPLE TREE**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Description:**

Identifies a specific tree used for decay sampling and indicates if a number of different types of decay are present in/on the sample tree.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
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* TREE NO		N	NUMBER	10
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Unique arbitrary number assigned to a tree at time of collection.

DBH		Y	NUMBER	5,1
-----	--	---	--------	-----

Diameter (outside bark) of a tree at 1.3 meters.

DBH_2CM		Y	NUMBER	4
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Diameter of the tree to the nearest 2 centimeters.

DBH_5CM		Y	NUMBER	4
---------	--	---	--------	---

Diameter of the tree to the nearest 5 centimeters.

TREE IN PLOT IND		Y	VARCHAR2	1
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An indication of whether a tree is within a plot radius.

Allowable Values of Attribute

Y	Yes	Y
---	-----	---

N	No	N
---	----	---

CONK IND		Y	VARCHAR2	1
----------	--	---	----------	---

An indication of whether a conk is present.

A fruiting body of a fungus found on the trunk or branches of a tree and is indicative of wood decay.

Allowable Values of Attribute

Y	Yes	Y
---	-----	---

N	No	N
---	----	---

BLIND CONK IND		Y	VARCHAR2	1
----------------	--	---	----------	---

An indication of whether a blind conk is present.

A pronounced swelling or depression around a knot or branch stub resulting from the tree's attempt to heal over a conk precursor, an abortive conk or where a previous conk has dropped off.

Allowable Values of Attribute

Y	Yes	Y
---	-----	---

N	No	N
---	----	---

SCAR IND		Y	VARCHAR2	1
----------	--	---	----------	---

An indication of whether a scar exists.

An injury to the cambium of the tree which is a potential entrance to decay organisms.

Allowable Values of Attribute

Y	Yes	Y
---	-----	---

N	No	N
---	----	---

FORK OR CROOK IND		Y	VARCHAR2	1
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An indication of whether a fork or crook is present.

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE TREE (cont'd)

Short Name: DST

A fork or crook is a site on the main tree stem where either the main stem splits into two or more stems, or where the stem is malformed. Both are the result of damage or injury to the terminal leader and are a potential site of entry for decay organisms.

Allowable Values of Attribute

Y	Yes	Y
N	No	N

FROST CRACK IND Y VARCHAR2 1

An indication of whether a frost crack is present.

A frost crack is a deep radial splitting of a tree trunk caused by freezing and is a potential entrance for decay organisms.

Allowable Values of Attribute

Y	Yes	Y
N	No	N

MISTLETOE IND Y VARCHAR2 1

An indication of whether mistletoe is present.

A parasitic plant which grows on specific tree species affecting tree vigor. The infection site is a potential entrance for decay organisms.

Allowable Values of Attribute

Y	Yes	Y
N	No	N

ROTTEN BRANCHES IND Y VARCHAR2 1

An indication of whether rotten branches are present.

A branch adjacent to the tree trunk, which is rotten and is an indicator of potential decay.

Allowable Values of Attribute

Y	Yes	Y
N	No	N

DEAD OR BROKEN TOP IND Y VARCHAR2 1

An indication of a dead or broken main stem top.

A dead or broken main stem top is a potential entrance for decay organisms.

Allowable Values of Attribute

Y	Yes	Y
N	No	N

UNKN ABNORMALITY IND Y VARCHAR2 1

Indicates the presence of a not normal condition of unknown origin

Allowable Values of Attribute

Y	Yes	Y
N	No	N

BIRD DAMAGE IND Y VARCHAR2 1

Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).

Allowable Values of Attribute

Y	Yes	Y
N	No	N

Data Administration

Entity Definition Report

Entity Name:	DECAY SAMPLE TREE (cont'd)		Short Name:	DST
MAMMAL DAMAGE IND	Y	VARCHAR2		1
Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
BURL IND	Y	VARCHAR2		1
Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
SPIRAL GRAIN IND	Y	VARCHAR2		1
Indicates the presence of a not normal condition of unknown origin (1 - present; 0 - none present).				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
STUMP AGE	Y	NUMBER		4
Age of the tree at 10 cm from the ground.				
AGE_MEASMT_EST_IND	Y	VARCHAR2		1
Indicator of whether stump age was actually measured (A) or estimated (E).				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
HEIGHT	Y	NUMBER		5,2
Height of the tree in meters.				
HEIGHT_MEASMT_QLTY	Y	VARCHAR2		10
Indicator of whether stump age was actually measured (A) or estimated (E).				
<i>Allowable Values of Attribute</i>				
ACTUAL	Actual		A	
GOOD	Good		G	
MEDIUM	Medium		M	
POOR	Poor		P	
FORKED IND	Y	VARCHAR2		1
indicaton of the presence of a fork				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
MAIN LDR TOP SECTION NO	Y	NUMBER		3

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE TREE (cont'd)	Short Name: DST
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The number of the highest section number in the main leader.

TREE TOP SECTION NO

Y NUMBER

3

The number of the highest section number in the whole tree.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE decayed by one or more DECAY SAMPLE TREE DECAY

MAY BE described by one and only one CROWN CANOPY POS CODE

MAY BE described by one and only one PTHLGCL ABNORMALITY CODE

MAY BE described by one and only one QUALITY CLASS PRE1979 CODE

MAY BE described by one and only one TOP UTILIZATION CODE

MAY BE described by one or more DECAY SAMPLE TREE MEASMT

MAY BE divided into one or more DECAY SAMPLE TREE LEADER

MAY BE first log described by one and only one KNOT QUALITY CODE

MAY BE second log described by one and only one KNOT QUALITY CODE

* MUST BE contained within one and only one DECAY SAMPLE AREA

MUST BE described by one and only one DECAY TREE CLASS CODE

MUST BE described by one and only one PTHLGCL RISK GROUP CODE

MUST BE described by one and only one TREE SPECIES CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

ST_TRE Primary Y

TREE NO

MUST BE contained within one and only one DECAY SAMPLE AREA

Notes:

The tree in the context of forest mensuration is further defined by belonging to a sample or experimental unit (and accordingly is individually numbered) and whose species is identified in the MOF codelist table.

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE TREE DECAY

Short Name: DSTD

Plural: DECAY SAMPLE TREE DECAY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Noted incidents of decay that pertain to a sample tree.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAY INCIDENT		N VARCHAR2	1
An assigned letter to identify a specific decay or stain occurrence in the tree section.			
<i>Allowable Values of Attribute</i>			
A	thru J		
HEIGHT		Y NUMBER	5,2
The height on the tree, in m above germination point, where the description of the decay characteristics was made.			
REMARKS		Y VARCHAR2	150
Remarks pertaining to the description of the decay, or associated characteristics such as pits, flecks, spots and mycelium.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE described by one and only one DECAY ORGANISM CODE

MAY BE described by one and only one DECAY ORGANISM ENTRY CODE

MAY BE described by one and only one DECAY TEXTURE CODE

MAY BE described by one and only one DEVELOPMENT STAGE CODE

MAY BE described by one and only one MYCELIUM TYPE CODE

MAY BE described by one and only one PIT FLECK SPOT QTY CODE

MAY BE described by one and only one PIT FLECK SPOT SHAPE CODE

MAY BE described by one and only one PIT FLECK SPOT TYPE CODE

MAY BE described by one and only one WOOD STRENGTH CODE

MAY BE get decay colour from one and only one COLOUR CODE

MAY BE get decay shade from one and only one SHADE CODE

MAY BE get myc colour from one and only one COLOUR CODE

MAY BE get myc shade from one and only one SHADE CODE

MAY BE get pfs colour from one and only one COLOUR CODE

MAY BE get pfs shade from one and only one SHADE CODE

* MUST BE describe decay for one and only one DECAY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

STD_TRED

Primary Y

DECAY INCIDENT

MUST BE describe decay for one and only one DECAY SAMPLE TREE

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE TREE LEADER

Short Name: DSTL

Plural: DECAY SAMPLE TREE LEADER

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

The length of sample tree stem from the end of the tree down to the first set of branches, representing one year of growth and reflecting the tree's vigor and the site's growing potential.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE LEADER ID		N	NUMBER	10
Primary key for this table as business key may have NULL values for Tree Leader No.				
TREE LEADER NO		Y	NUMBER	6
Unique arbitrary number assigned to a tree leader at time of collection.				
TREE_LEADER_PRIMARY_IND		N	VARCHAR2	1
Indicates whether the tree leader is of the primary or secondary type.				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
BASE HT		Y	NUMBER	5,2
Height at which leader starts.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE be measured by one or more DECAY SAMPLE TRLDLDR MEASMT

MAY BE divided into one or more DECAY SAMPLE TREE SECTION

MUST BE a part of one and only one DECAY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

STL_TREL Primary Y

TREE LEADER ID

Data Administration

Entity Definition Report

Entity Name: DECAFY SAMPLE TREE MEASMT

Short Name: DSTM

Plural: DECAFY SAMPLE TREE MEASMT

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Measurements that pertain to a sample tree.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* MEASUREMENT HEIGHT		N NUMBER	5,2
The height of the tree at the point the measurement was taken.			
<i>Allowable Values of Attribute</i>			
0.3			
0.6			
0.9			
1.3			
DIAM INSIDE BARK		N NUMBER	4,1
The diameter in cm measured at the top of the tree excluding the bark thickness. (As measured in the field, it equals the diameter outside bark less the double bark thickness.)			
MEASUREMENT_EST_IND		N VARCHAR2	1
An indicator of whether a measurement is estimated.			
<i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
DOUBLE BARK THICKNESS		Y NUMBER	3,1
The sum of two representative bark thickness measurements in centimeters at the top of the tree section.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE measure DIB for one and only one DECAFY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

STM_TREM Primary Y

MEASUREMENT HEIGHT

MUST BE measure DIB for one and only one DECAFY SAMPLE TREE

Application: DSC

Entity Name: DECAY SAMPLE TREE SECTION**Short Name:** DSTS**Plural:** DECAY SAMPLE TREE SECTION**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Description:**

A portion of a felled tree created by bucking (sectioning) a log into prescribed intervals. Sections may be created at regular intervals, or at breaks, forks or other junctions.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* SECTION NO		N NUMBER	3
A number assigned to a section of the tree which has been cut or otherwise designated as logs. (A felled tree is bucked into 2.5 or 5.0 m logs or sections which are numbered consecutively from one, the stump, to the tree top. Secondary fork stems, if any, are also sectioned and numbered from the highest main stem section number). Section numbers are unique within a tree.			
CUMULATIVE TREE LENGTH		N NUMBER	5,2
The cumulative length of the sections in meters above germination point (or highest side since 1990) to the top of the described section. This is the length (or height) of the tree at the top of the section being described. The actual length of the section may be derived by subtracting the previous cl from the current cl. With the first section of a fork, cumulative height is the height above ground at which the leader starts.			
DIAM INSIDE BARK		Y NUMBER	5,1
The diameter in cm measured at the top of the tree section excluding the bark thickness. (As measured in the field, it equals the diameter outside bark less the double bark thickness.)			
SECTION VOLUME		Y NUMBER	8,4
The gross volume of the tree section in cubic meters particular to the Volume Sampling sectioning methodology. Smalian's formula is used for the volume calculation where: Volume = (1/2 section bottom basal area + 1/2 section top basal area) x Section Lenth. (A derived field, retained for present data use and later tree compiler testing).			
ABNORMALITY IND		Y VARCHAR2	1
An indication of the existence of decay abnormality. <i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
DECAY IND		Y VARCHAR2	1
Indicates presence of decay in the section. <i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	

* = Attributes in primary unique identifier.

Relationships:**Each Occurrence Of This Entity:**

MAY BE damaged by one or more TREE SCTN PTHLGY

Data Administration

Entity Definition Report

Entity Name: DECAY SAMPLE TREE SECTION (cont'd)

Short Name: DSTS

MAY BE decayed by one or more TREESCTN DECAY

MAY BE described by one and only one TREE SECTION TYPE CODE

* MUST BE a part of one and only one DECAY SAMPLE TREE LEADER

* = Relationships in primary unique identifier.

Unique Identifiers:

STS_TRES *Primary Y*

SECTION NO

MUST BE a part of one and only one DECAY SAMPLE TREE LEADER

Data Administration Entity Definition Report

Entity Name: DECAFY SAMPLE TRLDR MEASMT *Short Name:* DSTM1

Plural: DECAFY SAMPLE TRLDR MEASMT

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Measurements that pertain to a sample tree leader.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* MEASURED DIAMETER		N NUMBER	3
The measured diameter in centimeters.			
<i>Allowable Values of Attribute</i>			
5			
10			
15			
20			
25			
30			
MEASURED DIAMETER HEIGHT		N NUMBER	5,2
The height of the tree, in meters, where the measured diameter was attained.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE be a DIB measurement for one and only one DECAFY SAMPLE TREE LEADER
- MUST BE described by one and only one MEASUREMENT QUALITY CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

STLM_TRELM *Primary* Y

MEASURED DIAMETER

MUST BE be a DIB measurement for one and only one DECAFY SAMPLE TREE LEADER

Data Administration

Entity Definition Report

Entity Name: DECAY SHAPE CODE

Short Name: DSHDC

Plural: DECAY SHAPE CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the general description of the decay as it appears on the end of the tree section.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAY SHAPE CODE		N VARCHAR2	10
A code for the general description of the decay as it appears on the end of the tree section.			
DESCRIPTION		N VARCHAR2	500
The description of DECAY SHAPE CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more TREESCTN DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

DSHPC Primary Y
 DECAY SHAPE CODE

Data Administration Entity Definition Report

Entity Name: DECAFY TEXTURE CODE	<i>Short Name:</i>	DTC
<i>Plural:</i> DECAFY TEXTURE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>
		<i>Annual Growth Rate:</i>

Description:

A code for the textural characteristics of the decay occurrence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAFY TEXTURE CODE A code for the textural characteristics of the decay occurrence.		N VARCHAR2	10
DESCRIPTION The description of DECAFY TEXTURE CODE.		N VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N DATE	
EXPIRY DATE The date that the code expires.		N DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAFY SAMPLE TREE DECAFY

* = Relationships in primary unique identifier.

Unique Identifiers:

DTC	<i>Primary</i>	<i>Y</i>
DECAFY TEXTURE CODE		

Data Administration

Entity Definition Report

Entity Name: DECAY TREE CLASS CODE

Short Name: DTCC

Plural: DECAY TREE CLASS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code that represents the decay present based on an initial visual observation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DECAY TREE CLASS CODE		N	VARCHAR2	10
A code that represents the decay present based on an initial visual observation.				
DESCRIPTION		N	VARCHAR2	500
The description of TREE DECAY CLASS CODE.				
EFFECTIVE DATE		N	DATE	
The date that the code becomes effective.				
EXPIRY DATE		N	DATE	
The date that the code expires.				
UPDATE TIMESTAMP		Y	DATE	
The date that the code was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

DTCC

Primary Y

DECAY TREE CLASS CODE

Data Administration Entity Definition Report

Entity Name: DEVELOPMENT STAGE CODE		Short Name:	DSTC
<i>Plural:</i> DEVELOPMENT STAGE CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A code for the developmental stage of the decay or stain.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DEVELOPMENT STAGE CODE A code for the developmental stage of the decay or stain.		N VARCHAR2	10
DESCRIPTION The description of DEVELOPMENT STAGE CODE.		N VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N DATE	
EXPIRY DATE The date that the code expires.		N DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

DSC	Primary Y
DEVELOPMENT STAGE CODE	

Data Administration

Entity Definition Report

Entity Name: HEIGHT 3M CLASS CODE

Short Name: H3CC

Plural: HEIGHT 3M CLASS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

The average height of the leading species of the stand coded to the nearest whole metre, in intervals of 3 metres representing the range median.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* HEIGHT 3M CLASS CODE		N VARCHAR2	10
The average height of the leading species of the stand coded to the nearest whole metre, in intervals of 3 metres representing the range median.			
DESCRIPTION		N VARCHAR2	500
The description of HEIGHT 3M CLASS CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

H3MCC

Primary Y

HEIGHT 3M CLASS CODE

Notes:

Data Administration

Entity Definition Report

Entity Name: HEIGHT CLASS CODE

Short Name: HCC

Plural: HEIGHT CLASS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code indicating the height class of the stand at the reference year. Height classes represent (approximately 9 meter) intervals into which the range of tree or stand heights are subdivided for classification and use.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* HEIGHT CLASS CODE		N VARCHAR2	10
A code indicating the height class of the stand at the reference year. Height classes represent intervals into which the range of tree or stand heights are subdivided for classification and use.			
DESCRIPTION		N VARCHAR2	500
The description of HEIGHT CLASS CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

HCC Primary Y

HEIGHT CLASS CODE

Data Administration

Entity Definition Report

Entity Name: INV TYPE GROUP CODE

Short Name: ITGC

Plural: INV TYPE GROUP CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A numerical code for the species grouping of the stand in which the sample is located, based on the estimate of the stand at the time of sampling.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* INV TYPE GROUP CODE		N VARCHAR2	10
A code for the species grouping the stand in which the sample is located, based on the estimate of the stand at the time of sampling.			
DESCRIPTION		N VARCHAR2	500
The description of INV TYPE GROUP CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

ITGC

Primary Y

INV TYPE GROUP CODE

Data Administration

Entity Definition Report

Entity Name: KNOT QUALITY CODE

Short Name: KQC

Plural: KNOT QUALITY CODE

Init. Volume: Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code that indicates the quality of the tree based on the amount of quarters with knots.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* FIRST LOG KNOT QUALITY CODE		N VARCHAR2	10
A code that indicates the quality of the tree based on the amount of quarters with knots.			
DESCRIPTION		N VARCHAR2	500
The description of FIRST LOG KNOT QUALITY CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to first log of one or more DECA Y SAMPLE TREE

MAY BE pertains to second log of one or more DECA Y SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

FLKQC Primary Y

FIRST LOG KNOT QUALITY CODE

Data Administration

Entity Definition Report

Entity Name: MEASUREMENT QUALITY CODE

Short Name: MQC

Plural: MEASUREMENT QUALITY CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code that represents the quality of a measurement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MEASUREMENT QUALITY CODE		N	VARCHAR2	10
A code that represents the quality of a measurement.				
DESCRIPTION		N	VARCHAR2	500
The description of MEASUREMENT QUALITY CODE.				
EFFECTIVE DATE		N	DATE	
The date that the code becomes effective.				
EXPIRY DATE		N	DATE	
The date that the code expires.				
UPDATE TIMESTAMP		Y	DATE	
The date that the code was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAy SAMPLE TRLDR MEASMT

* = Relationships in primary unique identifier.

Unique Identifiers:

MQC Primary Y

MEASUREMENT QUALITY CODE

Data Administration Entity Definition Report

Entity Name: MYCELIUM TYPE CODE		Short Name:	MTC
Plural:	MYCELIUM TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A code for the physical description of the mycelium associated with the decay occurrence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* MYCELIUM TYPE CODE		N VARCHAR2	10
A code for the physical description of the mycelium associated with the decay occurrence.			
DESCRIPTION		N VARCHAR2	500
The description of MYCELIUM TYPE CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAy SAMPLE TREE DECAy

* = Relationships in primary unique identifier.

Unique Identifiers:

MYCTC	Primary Y
MYCELIUM TYPE CODE	

Data Administration

Entity Definition Report

Entity Name: PIT FLECK SPOT QTY CODE

Short Name: PFSQC

Plural: PIT FLECK SPOT QTY CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the qualification of the relative number of pits, flecks and spots associated with the decay occurrence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PIT FLECK SPOT QTY CODE		N VARCHAR2	10
A code for the qualification of the relative number of pits, flecks and spots associated with the decay occurrence.			
DESCRIPTION		N VARCHAR2	500
The description of PIT FLECK SPOT QTY CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAy SAMPLE TREE DECAy

* = Relationships in primary unique identifier.

Unique Identifiers:

PFSQC

Primary Y

PIT FLECK SPOT QTY CODE

Data Administration Entity Definition Report

Entity Name: PIT FLECK SPOT SHAPE CODE *Short Name:* PFSSC

Plural: PIT FLECK SPOT SHAPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code for the predominant shape of the pits, flecks and spots associated with the decay occurrence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PIT FLECK SPOT SHAPE CODE		N VARCHAR2	10
A code for the predominant shape of the pits, flecks and spots associated with the decay occurrence.			
DESCRIPTION		N VARCHAR2	500
The description of PIT FLECK SPOT SHAPE CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

PFSSHPC *Primary* *Y*

PIT FLECK SPOT SHAPE CODE

Data Administration Entity Definition Report

Entity Name: PIT FLECK SPOT TYPE CODE *Short Name:* PFSTC

Plural: PIT FLECK SPOT TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code for the categorization of pits, flecks and spots or combinations there of.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PIT FLECK SPOT TYPE CODE		N VARCHAR2	10
A code for the categorization of pits, flecks and spots or combinations there of.			

DESCRIPTION	N VARCHAR2	500
The description of PIT FLECK SPOT TYPE CODE.		

EFFECTIVE DATE	N DATE	
The date that the code becomes effective.		

EXPIRY DATE	N DATE	
The date that the code expires.		

UPDATE TIMESTAMP	Y DATE	
The date that the code was last updated.		

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE DECAY

* = Relationships in primary unique identifier.

Unique Identifiers:

PFSTC *Primary Y*

PIT FLECK SPOT TYPE CODE

Data Administration Entity Definition Report

Entity Name: PTHLGCL ABNORMALITY CODE

Short Name: PAC

Plural: PTHLGCL ABNORMALITY CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code for a pathological abnormality.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PATHOLOGICAL ABNORMALITY CODE A code for a pathological indicator.		N	VARCHAR2	10
DESCRIPTION The description of PATHOLOGICAL ABNORMALITY CODE.		N	VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N	DATE	
EXPIRY DATE The date that the code expires.		N	DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y	DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE

MAY BE pertains to one or more TREE SCTN PTHLGY

* = Relationships in primary unique identifier.

Unique Identifiers:

PAC Primary Y

PATHOLOGICAL ABNORMALITY CODE

Data Administration

Entity Definition Report

Entity Name: PTHLGCL ABNRML QLFR CODE

Short Name: PAQC

Plural: PTHLGCL ABNRML QLFR CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A qualifying description code of the Pathological Abnormality Code.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PTHLGCL ABNRML QLFR CODE A qualifying description code of the Pathological Abnormality Code.		N VARCHAR2	10
DESCRIPTION The description of PTHLGCL ABNRML QLFR CODE.		N VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N DATE	
EXPIRY DATE The date that the code expires.		N DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more TREE SCTN PTHLGY

* = Relationships in primary unique identifier.

Unique Identifiers:

PAQC Primary Y

PTHLGCL ABNRML QLFR CODE

Data Administration

Entity Definition Report

Entity Name: PTHLGCL RISK GROUP CODE

Short Name: PRGC

Plural: PTHLGCL RISK GROUP CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A risk assigned from specific combinations of pathological indicators, tree age, tree species and geographic locaion.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PATHOLOGICAL RISK GROUP CODE		N VARCHAR2	10
A field assigned from specific combinations of pathological indicators, tree age, tree species and geographic locaion.			
DESCRIPTION		N VARCHAR2	500
The description of PATHOLOGICAL RISK GROUP CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

PRGC Primary Y

PATHOLOGICAL RISK GROUP CODE

Data Administration Entity Definition Report

Entity Name: QUALITY CLASS PRE1979 CODE		Short Name:	QCP
Plural: QUALITY CLASS PRE1979 CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A subjective measure of stem quality in terms of timber potential. This measurement was discontinued as of 1979.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* QUALITY CLASS PRE1979 CODE a subjective measure of stem quality in terms of timber potential.		N VARCHAR2	10
DESCRIPTION The description of QUALITY CLASS PRE1979 CODE.		N VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N DATE	
EXPIRY DATE The date that the code expires.		N DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

QCP1979C	Primary Y
<i>QUALITY CLASS PRE1979 CODE</i>	

Data Administration

Entity Definition Report

Entity Name: SAMPLE TYPE CODE

Short Name: STC

Plural: SAMPLE TYPE CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code indicating the type of the sample.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* SAMPLE TYPE CODE A code indicating the type of the sample.		N VARCHAR2	10
DESCRIPTION The description of SAMPLE TYPE CODE.		N VARCHAR2	500
EFFECTIVE DATE The date that the code becomes effective.		N DATE	
EXPIRY DATE The date that the code expires.		N DATE	
UPDATE TIMESTAMP The date that the code was last updated.		Y DATE	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAAY SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

STC Primary Y

SAMPLE TYPE CODE

Data Administration Entity Definition Report

Entity Name: SHADE CODE	Short Name: SC
Plural: SHADE CODE	
Init. Volume:	Avg. Volume:
	Max. Volume:
	Annual Growth Rate:

Description:

A code representing patterning and/or shading.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* DECAy SHADE CODE		N VARCHAR2	10
A code for the patterning and/or shading of the decay or stain.			
DESCRIPTION		N VARCHAR2	500
The description of DECAy SHADE CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE is decay shade for one or more DECAy SAMPLE TREE DECAy

MAY BE is myc shade for one or more DECAy SAMPLE TREE DECAy

MAY BE is pfs shade for one or more DECAy SAMPLE TREE DECAy

* = Relationships in primary unique identifier.

Unique Identifiers:

DSHDC Primary Y

DECAy SHADE CODE

Data Administration

Entity Definition Report

Entity Name: SITE CLASS CODE

Short Name: SCC

Plural: SITE CLASS CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the class of stand productivity.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SITE CLASS CODE		N	VARCHAR2	10
A code for the class of stand productivity (site class).				
DESCRIPTION		N	VARCHAR2	500
The description of SITE CLASS CODE.				
EFFECTIVE DATE		N	DATE	
The date that the code becomes effective.				
EXPIRY DATE		N	DATE	
The date that the code expires.				
UPDATE TIMESTAMP		Y	DATE	
The date that the code was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECA Y SAMPLE AREA

* = Relationships in primary unique identifier.

Unique Identifiers:

SCC Primary Y

SITE CLASS CODE

Data Administration

Entity Definition Report

Entity Name: TOP UTILIZATION CODE

Short Name: TUC

Plural: TOP UTILIZATION CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code that reflects the quality of the tree in terms of how it can be utilized.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TOP UTILIZATION CODE		N	VARCHAR2	10
A code that reflects the quality of the tree in terms of how it can be utilized.				
DESCRIPTION		N	VARCHAR2	500
The description of UTILIZATION CODE.				
EFFECTIVE_DATE		N	DATE	
The date that the code becomes effective.				
EXPIRY_DATE		N	DATE	
The date that the code expires.				
UPDATE_TIMESTAMP		Y	DATE	
The date that the code was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAJ SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

TUC *Primary Y*

TOP UTILIZATION CODE

Data Administration

Entity Definition Report

Entity Name: TREE SCTN PTHLGY

Short Name: DSTSP

Plural: TREE SCTN PTHLGY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Noted pathological characteristics that pertain to a sample tree section.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* PATHOLOGY ID primary id		N NUMBER	
DECAY SEVERITY A subjectively assigned representation of the perceived magnitude of severity of the decay associated with the pathogen. <i>Allowable Values of Attribute</i> 0 thru 9		Y NUMBER	1
PATH START HEIGHT The lower tree height in m, at which a pathological abnormality occurs occurs.		Y NUMBER	5,2
PATH END HEIGHT The upper tree height in m, at which the pathological indicator with a PATH IND START HEIGHT ends. Valid for pathological codes: 3 - scar 5 - frost crack 8 - dead or broken up 9 - miscellaneous		Y NUMBER	5,2
PATH QUANTITY The quantity of the pathological indicators located at the HT AT OCCURENCE.		Y NUMBER	5,2
HEIGHT AT OCCURENCE The tree height in m, at which the Seciton Pathological Indicator occurs.		Y NUMBER	5,2

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE described by one and only one PTHLGCL ABNRML QLFR CODE

MUST BE describe pathology for one and only one DECAY SAMPLE TREE SECTION

MUST BE described by one and only one PTHLGCL ABNORMALITY CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

DSTSP

Primary Y

PATHOLOGY ID

Data Administration Entity Definition Report

Entity Name: TREE SECTION TYPE CODE	Short Name: TSTC
Plural: TREE SECTION TYPE CODE	
Init. Volume:	Avg. Volume:
	Max. Volume:
	Annual Growth Rate:

Description:

A code to signify the type of separation between the upper section end and the next higher section. Sections can be defined by a prescribed measured interval (by bucking), or the occurrence of a break, fork or crook.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* TREE SECTION TYPE CODE		N VARCHAR2	10
A code to signify the type of separation between the upper section end and the next higher section. Sections can be defined by a prescribed measured interval (by bucking), or the occurrence of a break, fork or crook.			
DESCRIPTION		N VARCHAR2	500
The description of SECTIONING TYPE CODE.			
EFFECTIVE DATE		N DATE	
The date that the code becomes effective.			
EXPIRY DATE		N DATE	
The date that the code expires.			
UPDATE TIMESTAMP		Y DATE	
The date that the code was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAY SAMPLE TREE SECTION

* = Relationships in primary unique identifier.

Unique Identifiers:

TSTC	<i>Primary Y</i>
<i>TREE SECTION TYPE CODE</i>	

Data Administration

Entity Definition Report

Entity Name: TREE SPECIES CODE

Short Name: TSC

Plural: TREE SPECIES CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code for the botanical species name of the tree.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREE SPECIES CODE		N	VARCHAR2	10
A code for the botanical species name of the tree.				
DESCRIPTION		N	VARCHAR2	500
The description of TREE SPECIES CODE.				
EFFECTIVE_DATE		N	DATE	
The date that the code becomes effective.				
EXPIRY_DATE		N	DATE	
The date that the code expires.				
UPDATE_TIMESTAMP		Y	DATE	
The date that the code was last updated.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE pertains to one or more DECAJ SAMPLE TREE

* = Relationships in primary unique identifier.

Unique Identifiers:

TSC *Primary Y*

TREE SPECIES CODE

Data Administration

Entity Definition Report

Entity Name: TREESCTN DECAY

Short Name: DSTD1

Plural: TREESCTN DECAY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Noted incidents of decay that pertain to a sample tree section.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt Format</u>	<u>Length</u>
* DECAF ID primary key		N NUMBER	7
DECAF INCIDENT An assigned alphabetic identifier associated with a specific decay or stain occurrence in the tree section. Valid for A - J and S. <i>Allowable Values of Attribute</i> A thru J S		N CHAR	1
DECAF LENGTH The length of the decay in m within a tree section.		Y NUMBER	4,2
UPPER END WIDTH The width, or widest dimension, in cm, of the decay occurrence as it appears at the upper tree section end. (Circular decay shapes will have equal width and breadth).		Y NUMBER	5,1
UPPER END BREADTH The breadth, or narrowest dimension, in cm, of the decay occurrence as it appears at the upper tree section end.		Y NUMBER	5,1
DECAF VOLUME The volume of the decay within a tree section. A derived field, retained for present database use.		Y NUMBER	8,4

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE described by one and only one DECAF PERCENTAGE CODE

MAY BE described by one and only one DECAF SHAPE CODE

MUST BE describe decay for one and only one DECAF SAMPLE TREE SECTION

* = Relationships in primary unique identifier.

Unique Identifiers:

STSD

Primary Y

DECAF ID

