

Database Code: DF014

Title: Dendrochronology study of fire history, Blue River watershed, Oregon, 1475 to 1996

Abstract:

Fire history and fire regimes were reconstructed for a 450 square meter area in the central western Cascades using tree-ring analysis of fire scars and tree origin years at 137 sampled clearcuts. Temporal patterns of fire frequency, severity, and size, and interpreted topographic influences on fire frequency are described. Influences of fire history and topography on the development of forest structure are evaluated. Ninety-four fire episodes were reconstructed for the 521-year period from 1475 to 1996. The average mean fire interval, Weibull median probability interval, and maximum fire interval of 4-ha sites were 97 years, 73 years, and 179 years, respectively. Fire frequency and severity patterns were weakly but significantly associated with spatial variation in hillslope position, slope aspect, slope steepness, and elevation. Fire frequency was lower for higher elevations, lower slope positions, and more mesic slope aspects. Fire severity was lower for higher elevations, lower slope positions, more north-facing slopes, and more gradual slopes. Three fire regime classes are defined and mapped. Study parameters include several variables describing fire scar and tree origin years, reconstructed fire history, fire frequency, fire severity, fire size, forest stand structure.

Keywords: Fire; Fire history; Forest ecosystems; Forest structure; Disturbance; stand structure; history; fires; disturbance; forest ecosystems; fire history;

Date data commenced: 1996-05-01

Date data terminated: 1998-08-24

Principal Investigator: Frederick J. Swanson

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2. Plot topography (C sites only)
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6. Blue River master fire chronology

1. Site location and description

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	1.0000	1.0000	number
SITE_NUM	Y	N	numeric(3,0)	range	1.0000	216.0000	number
SITE_ID	N	N	char(4)	place			
SITE_TYPE	N	N	char(1)	enum			
X_COORD	N	N	numeric(6,0)	range	550195.0000	5515.0000	m
Y_COORD	N	N	numeric(7,0)	range	4890296.0000	5646.0000	m
LEGAL	N	N	char(10)	freetext			
PRIM_ROAD	N	Y	char(4)	freetext			
SEC_ROAD	N	Y	char(16)	freetext			
HARVEST_YR	N	Y	numeric(4,0)	range			YYYY
ASPECT	N	Y	numeric(3,0)	range	1.0000	360.0000	deg az
ASPECT_CLS	N	Y	char(1)	enum			

ASPECT_30	N	Y	char(1)	enum			
ELEVATION	N	Y	numeric(4,0)	range	457.0000	1524.0000	m
ELEV_30	N	Y	numeric(4,0)	range	462.0000	1492.0000	m
SLP_STEEP	N	Y	char(1)	enum			
SLOPE_30	N	Y	numeric(4,1)	range	3.6000	40.7000	deg angle
HILLSLP_30	N	Y	char(1)	enum			
ADJ_STAND	N	Y	char(2)	enum			
PLANT ASSO	N	Y	varchar(20)	freetext			
VEG_SERIES	N	Y	char(1)	enum			
SUPERPAG	N	Y	char(1)	enum			
LOGGING	N	Y	char(1)	enum			
FIRE	N	Y	char(1)	enum			
UNDER_SPEC	N	Y	varchar(70)	freetext			
COMMENTS	N	Y	varchar(200)	freetext			

2. Plot topography (C sites only)

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	2.0000	2.0000	number
SITE_ID	Y	N	char(4)	place			
PLOT_ID	Y	N	char(1)	enum			
MACRO_SLOP	N	Y	char(1)	enum			
MICRO_SLOP	N	Y	char(1)	enum			
TOPO	N	Y	char(1)	enum			
OTHER_MICR	N	Y	char(10)	enum			
HIGH_LOW	N	Y	char(1)	enum			

3. Individual tree stump measurements, tree ring counts, and scar counts

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	3.0000	3.0000	number
SITE_ID	Y	N	char(4)	place			
PLOT_ID	Y	N	char(1)	enum			
TREE_ID	Y	N	numeric(3,0)	range	1.0000	913.0000	number
SPECIES	N	Y	char(4)	taxa			
HEIGHT	N	Y	numeric(3,0)	range	10.0000	212.0000	cm

DIAMETER	N	Y	numeric(3,0)	range	7.0000	273.0000	cm
ORIG_DATE	N	Y	numeric(3,0)	range	21.0000	742.0000	years
AREL	N	Y	char(1)	enum			
M3	N	Y	numeric(6,1)	range	0.0000	8.3000	mm
D40	N	Y	numeric(6,1)	range	0.0000	35.7000	cm
SCARNUM	N	Y	numeric(6,0)	range	0.0000	7.0000	number

4. Fire scar information

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	4.0000	4.0000	number
SITE_ID	Y	N	char(4)	place			
TREE_ID	Y	N	numeric(3,0)	range	1.0000	910.0000	number
SCAR_ID	Y	N	numeric(1,0)	range	1.0000	7.0000	number
SCAR_TYPE	N	Y	char(1)	enum			
POSITION	N	Y	char(3)	enum			
SCAR_ASP	N	Y	numeric(3,0)	range	1.0000	360.0000	deg az
PCCIRC	N	Y	numeric(3,0)	range	0.0000	100.0000	%
RADIUS	N	Y	numeric(3,0)	range	0.0000	119.0000	cm
NUMBER	N	Y	numeric(3,0)	range	0.0000	142.0000	number
AGE	N	Y	numeric(3,0)	range	7.0000	562.0000	years
SREL	N	Y	char(1)	enum			
RELEASE	N	Y	numeric(3,0)	range	10.0000	205.0000	years

5. Fire scar and pitch ring information used to construct the fire chronology

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	5.0000	5.0000	number
SITE_NUM	Y	N	numeric(3,0)	range	1.0000	199.0000	number
SITE_ID	N	N	char(4)	place			
NUM_SCARS	N	Y	numeric(2,0)	range	0.0000	24.0000	number
NUM_TREES	N	Y	numeric(3,0)	range	34.0000	181.0000	number
SCAR_DENS	N	Y	numeric(5,3)	range	0.0000	0.2700	number
PSME_SCARS	N	Y	numeric(2,0)	range	0.0000	21.0000	number
PSME_TREES	N	Y	numeric(3,0)	range	1.0000	137.0000	number
PSME_DENS	N	Y	numeric(5,3)	range	0.0000	0.8600	number

TOTL_SCARS	N	Y	numeric(2,0)	range	0.0000	33.0000	number
PROP_SCARS	N	Y	numeric(4,2)	range	0.0000	1.0000	number
PITCH_USED	N	Y	numeric(1,0)	range	0.0000	3.0000	number
PITCH_SMPL	N	Y	numeric(1,0)	range	0.0000	9.0000	number
PROP_PITCH	N	Y	numeric(4,2)	range	0.0000	1.0000	number

6. Blue River master fire chronology

Attribute List:

STCODE	N	N	char(5)	enum			
FORMAT	N	N	numeric(2,0)	range	6.0000	6.0000	number
AREA	N	N	char(2)	enum			
SITE_NUM	Y	N	numeric(3,0)	range	1.0000	199.0000	number
YR_1976	N	N	char(1)	enum			
YR_1967	N	N	char(1)	enum			
YR_1965	N	N	char(1)	enum			
YR_1952	N	N	char(1)	enum			
YR_1941	N	N	char(1)	enum			
YR_1940	N	N	char(1)	enum			
YR_1936	N	N	char(1)	enum			
YR_1935A	N	N	char(1)	enum			
YR_1935B	N	N	char(1)	enum			
YR_1933	N	N	char(1)	enum			
YR_1932	N	N	char(1)	enum			
YR_1931	N	N	char(1)	enum			
YR_1928	N	N	char(1)	enum			
YR_1923A	N	N	char(1)	enum			
YR_1923B	N	N	char(1)	enum			
YR_1921	N	N	char(1)	enum			
YR_1918	N	N	char(1)	enum			
YR_1914	N	N	char(1)	enum			
YR_1911	N	N	char(1)	enum			
YR_1909	N	N	char(1)	enum			
YR_1906	N	N	char(1)	enum			
YR_1902A	N	N	char(1)	enum			
YR_1902B	N	N	char(1)	enum			

YR_1898	N	N	char(1)	enum
YR_1897	N	N	char(1)	enum
YR_1896A	N	N	char(1)	enum
YR_1896B	N	N	char(1)	enum
YR_1896C	N	N	char(1)	enum
YR_1891A	N	N	char(1)	enum
YR_1891B	N	N	char(1)	enum
YR_1888	N	N	char(1)	enum
YR_1886	N	N	char(1)	enum
YR_1884	N	N	char(1)	enum
YR_1880A	N	N	char(1)	enum
YR_1880B	N	N	char(1)	enum
YR_1879	N	N	char(1)	enum
YR_1875	N	N	char(1)	enum
YR_1868	N	N	char(1)	enum
YR_1867	N	N	char(1)	enum
YR_1864	N	N	char(1)	enum
YR_1863	N	N	char(1)	enum
YR_1858	N	N	char(1)	enum
YR_1855	N	N	char(1)	enum
YR_1854	N	N	char(1)	enum
YR_1850A	N	N	char(1)	enum
YR_1850B	N	N	char(1)	enum
YR_1848	N	N	char(1)	enum
YR_1843	N	N	char(1)	enum
YR_1842	N	N	char(1)	enum
YR_1840	N	N	char(1)	enum
YR_1836	N	N	char(1)	enum
YR_1834	N	N	char(1)	enum
YR_1833	N	N	char(1)	enum
YR_1826	N	N	char(1)	enum
YR_1823	N	N	char(1)	enum
YR_1822	N	N	char(1)	enum
YR_1817A	N	N	char(1)	enum

YR_1817B	N	N	char(1)	enum
YR_1807A	N	N	char(1)	enum
YR_1807B	N	N	char(1)	enum
YR_1801	N	N	char(1)	enum
YR_1794	N	N	char(1)	enum
YR_1789	N	N	char(1)	enum
YR_1788A	N	N	char(1)	enum
YR_1788B	N	N	char(1)	enum
YR_1783	N	N	char(1)	enum
YR_1776	N	N	char(1)	enum
YR_1771	N	N	char(1)	enum
YR_1765	N	N	char(1)	enum
YR_1763	N	N	char(1)	enum
YR_1756A	N	N	char(1)	enum
YR_1756B	N	N	char(1)	enum
YR_1737	N	N	char(1)	enum
YR_1736	N	N	char(1)	enum
YR_1732	N	N	char(1)	enum
YR_1716	N	N	char(1)	enum
YR_1715	N	N	char(1)	enum
YR_1704	N	N	char(1)	enum
YR_1703	N	N	char(1)	enum
YR_1689	N	N	char(1)	enum
YR_1686	N	N	char(1)	enum
YR_1684	N	N	char(1)	enum
YR_1682	N	N	char(1)	enum
YR_1674	N	N	char(1)	enum
YR_1659	N	N	char(1)	enum
YR_1649	N	N	char(1)	enum
YR_1645	N	N	char(1)	enum
YR_1644	N	N	char(1)	enum
YR_1642	N	N	char(1)	enum
YR_1615	N	N	char(1)	enum
YR_1588	N	N	char(1)	enum

YR_1553	N	N	char(1)	enum
YR_1534	N	N	char(1)	enum
YR_1479	N	N	char(1)	enum

Attributes Definitions:

ADJ_STAND

Vegetation in adjacent stands

AGE

Number of rings from the outer bark to scar ring

AREA

Physiographic area used to group sites for fire history reconstruction

AREL

Reliability of estimate of age

ASPECT

Aspect of site as measured in the field with a compass (blank=flat)

ASPECT_30

Aspect class from 30 meter DEM (digital elevation model)

ASPECT_CLS

Aspect class (from field-measured aspect)

COMMENTS

Field comments

D40

Distance from pith to the 40th innermost ring

DIAMETER

Diameter at stump height

ELEV_30

Elevation from 30 meter DEM (digital elevation model)

ELEVATION

Elevation of site (guess from topo map at time of sampling)

FIRE

Evidence of fire

FORMAT

Entity number

HARVEST_YR

Harvest year (from USFS records)

HEIGHT

Stump height

HIGH_LOW

Indication of high or low plot elevation

HILLSLP_30

Hillslope position from 30 meter DEM (using slopeposition.AML)

LEGAL

Legal description (township,range,section)

LOGGING

Evidence of logging

M3

Mean width of innermost 3 rings

MACRO_SLOP

Macro slope position

MICRO_SLOP

Micro slope position

NUM_SCARS

Number of fire scars at site

NUM_TREES

Number of trees sampled

NUMBER

Number of scars of the same year

ORIG_DATE

Estimated number of rings from outer bark to origin

OTHER_MICR

Other microtopographic feature

PCCIRC

Percent of circumference of cambium killed (note <1 written as 1)

PITCH_SMPL

Number of pitch rings sampled

PITCH_USED

Number of pitch rings used in fire history

PLANT_ASSO

Plant associations of adjacent intact stands

PLOT_ID

Plot letter code

POSITION

Position of scar in relation to slope

PRIM_ROAD

Primary road (national forest road number)

PROP_PITCH

Number of pitch rings used divided by number of pitch rings sampled

PROP_SCARS

Number of fire scars divided by the number of total scars

PSME_DENS

Number of Douglas-fir fire scars divided by number of trees sampled

PSME_SCARS

Number of Douglas-fir fire scars

PSME_TREES

Number of Douglas-fir trees

RADIUS

Distance from center to scar ring

RELEASE

Age of growth release when detected

SCAR_ASP

Azimuth from pith to scar

SCAR_DENS

Number of fire scars divided by the number of trees sampled

SCAR_ID

Scar number by tree

SCAR_TYPE

Type of scar

SCARNUM

Number of scars associated with this tree

SEC_ROAD

Secondary road (national forest road number)

SITE_ID

Original Weisberg site code organized by site type

SITE_NUM

Site number (corresponds to GIS number)

SITE_TYPE

Type of site

SLP_STEEP

Slope steepness

SPECIES

Species code from Garrison et al. 1976

SREL

Reliability of age estimate

STCODE

Study code

SUPERPAG

Super-plant association group (from PAG model)

TOPO

Topography

TOTL_SCARS

Total number of scars counted per site

TREE_ID

Tree number by site

UNDER_SPEC

Listing of some vegetation observed at site

VEG_SERIES

Forest vegetation series from plant association group (PAG) model

X_COORD

UTM x-coordinate UTM zone 10

Y_COORD

UTM y-coordinate UTM zone 10

YR_1479

Fire severity code for estimated fire year 1479 with range of estimated scar years 1475-1482

YR_1534

Fire severity code for estimated fire year 1534 with range of estimated scar years 1530-1538

YR_1553

Fire severity code for estimated fire year 1553 with range of estimated scar years 1551-1554

YR_1588

Fire severity code for estimated fire year 1588 with range of estimated scar years 1579-1594

YR_1615

Fire severity code for estimated fire year 1615 with range of estimated scar years 1609-1624

YR_1642

Fire severity code for estimated fire year 1642 with range of estimated scar years 1635-1648

YR_1644

Fire severity code for estimated fire year 1644 with range of estimated scar years 1639-1644

YR_1645

Fire severity code for estimated fire year 1645 with range of estimated scar years 1640-1650

YR_1649

Fire severity code for estimated fire year 1649 with range of estimated scar years 1644-1659

YR_1659

Fire severity code for estimated fire year 1659 with range of estimated scar years 1656-1653

YR_1674

Fire severity code for estimated fire year 1674 with range of estimated scar years 1670-1680

YR_1682

Fire severity code for estimated fire year 1682 with range of estimated scar years 1670-1685

YR_1684

Fire severity code for estimated fire year 1684 with range of estimated scar years 1677-1690

YR_1686

Fire severity code for estimated fire year 1686 with range of estimated scar years 1671-1686

YR_1689

Fire severity code for estimated fire year 1689 with range of estimated scar years 1683-1697

YR_1703

Fire severity code for estimated fire year 1703 with range of estimated scar years 1703 only

YR_1704

Fire severity code for estimated fire year 1704 with range of estimated scar years 1703-1705

YR_1715

Fire severity code for estimated fire year 1715 with range of estimated scar years 1715 only

YR_1716

Fire severity code for estimated fire year 1716 with range of estimated scar years 1716 only

YR_1732

Fire severity code for estimated fire year 1732 with range of estimated scar years 1731-1732

YR_1736

Fire severity code for estimated fire year 1736 with range of estimated scar years 1731-1742

YR_1737

Fire severity code for estimated fire year 1737 with range of estimated scar years 1731-1742

YR_1756A

Fire severity code for estimated fire year 1756 with range of estimated scar years 1755-1757

YR_1756B

Fire severity code for estimated fire year 1756 with range of estimated scar years 1751-1762

YR_1763

Fire severity code for estimated fire year 1763 with range of estimated scar years 1757-1765

YR_1765

Fire severity code for estimated fire year 1765 with range of estimated scar years 1761-1771

YR_1771

Fire severity code for estimated fire year 1771 with range of estimated scar years 1765-1776

YR_1776

Fire severity code for estimated fire year 1776 with range of estimated scar years 1775-1778

YR_1783

Fire severity code for estimated fire year 1783 with range of estimated scar years 1779-1788

YR_1788A

Fire severity code for estimated fire year 1788 with range of estimated scar years 1780-1791

YR_1788B

Fire severity code for estimated fire year 1788 with range of estimated scar years 1780-1790

YR_1789

Fire severity code for estimated fire year 1789 with range of estimated scar years 1783-1794

YR_1794

Fire severity code for estimated fire year 1794 with range of estimated scar years 1790-1799

YR_1801

Fire severity code for estimated fire year 1801 with range of estimated sca years 1795-1805

YR_1807A

Fire severity code for estimated fire year 1807 with range of estimated scar years 1804-1811

YR_1807B

Fire severity code for estimated fire year 1807 with range of estimated scar years 1803-1810

YR_1817A

Fire severity code for estimated fire year 1817 with range of estimated scar years 1815-1819a

YR_1817B

Fire severity code for estimated fire year 1817 with range of estimated scar years 1815-1819b

YR_1822

Fire severity code for estimated fire year 1822 with range of estimated scar years 1819-1826

YR_1823

Fire severity code for estimated fire year 1823 with range of estimated scar years 1820-1825

YR_1826

Fire severity code for estimated fire year 1826 with range of estimated scar years 1823-1828

YR_1833

Fire severity code for estimated fire year 1833 with range of estimated scar years 1829-1836

YR_1834

Fire severity code for estimated fire year 1834 with range of estimated scar years 1832-1836

YR_1836

Fire severity code for estimated fire year 1836 with range of estimated scar years 1834-1841

YR_1840

Fire severity code for estimated fire year 1840 with range of estimated scar years 1836-1843

YR_1842

Fire severity code for estimated fire year 1842 with range of estimated scar years 1839-1846

YR_1843

Fire severity code for estimated fire year 1843 with range of estimated scar years 1842-1843

YR_1848

Fire severity code for estimated fire year 1848 with range of estimated scar years 1845-1852

YR_1850A

Fire severity code for estimated fire year 1850 with range of estimated scar years 1847-1854

YR_1850B

Fire severity code for estimated fire year 1850 with range of estimated scar years 1848-1855

YR_1854

Fire severity code for estimated fire year 1854 with range of estimated scar years 1849-1856

YR_1855

Fire severity code for estimated fire year 1855 with range of estimated scar years 1852-1859

YR_1858

Fire severity code for estimated fire year 1858 with range of estimated scar years 1856-1863

YR_1863

Fire severity code for estimated fire year 1863 with range of estimated scar years 1860-1867

YR_1864

Fire severity code for estimated fire year 1864 with range of estimated scar years 1862-1868

YR_1867

Fire severity code for estimated fire year 1867 with range of estimated scar years 1866-1868

YR_1868

Fire severity code for estimated fire year 1868 with range of estimated scar years 1866-1870

YR_1875

Fire severity code for estimated fire year 1875 with range of estimated scar years 1873-1878

YR_1879

Fire severity code for estimated fire year 1879 with range of estimated scar years 1876-1883

YR_1880A

Fire severity code for estimated fire year 1880 with range of estimated scar years 1878-1882

YR_1880B

Fire severity code for estimated fire year 1880 with range of estimated scar years 1876-1883

YR_1884

Fire severity code for estimated fire year 1884 with range of estimated scar years 1881-1887

YR_1886

Fire severity code for estimated fire year 1886 with range of estimated scar years 1884-1888

YR_1888

Fire severity code for estimated fire year 1888 with range of estimated scar years 1884-1890

YR_1891A

Fire severity code for estimated fire year 1891 with range of estimated scar years 1888-1895
YR_1891B

Fire severity code for estimated fire year 1891 with range of estimated scar years 1887-1892
YR_1896A

Fire severity code for estimated fire year 1896 with range of estimated scar years 1895-1897
YR_1896B

Fire severity code for estimated fire year 1896 with range of estimated scar years 1893-1898
YR_1896C

Fire severity code for estimated fire year 1896 with range of estimated scar years 1892-1899
YR_1897

Fire severity code for estimated fire year 1897 with range of estimated scar years 1896-1899
YR_1898

Fire severity code for estimated fire year 1898 with range of estimated scar years 1898 only
YR_1902A

Fire severity code for estimated fire year 1902 with range of estimated scar years 1899-1906
YR_1902B

Fire severity code for estimated fire year 1902 with range of estimated scar years 1902 only
YR_1906

Fire severity code for estimated fire year 1906 with range of estimated scar years 1901-1908
YR_1909

Fire severity code for estimated fire year 1909 with range of estimated scar years 1905-1912
YR_1911

Fire severity code for estimated fire year 1911 with range of estimated scar years 1910-1917 (est. 1913). 1911 is a connie burke (df001) estimate
YR_1914

Fire severity code for estimated fire year 1914 with range of estimated scar years 1911-1919
YR_1918

Fire severity code for estimated fire year 1918 with range of estimated scar years 1917 only. 1918 is a connie burke (df001) estimate
YR_1921

Fire severity code for estimated fire year 1921 with range of estimated scar years 1919-1922
YR_1923A

Fire severity code for estimated fire year 1923 with range of estimated scar years 1919-1926
YR_1923B

Fire severity code for estimated fire year 1923 with range of estimated scar years 1922-1924
YR_1928

Fire severity code for estimated fire year 1928 with range of estimated scar years 1925-1929
YR_1931

Fire severity code for estimated fire year 1931 with range of estimated scar years 1929-1932

YR_1932

Fire severity code for estimated fire year 1932 with range of estimated scar years 1930-1936 (est. 1932). 1932 is a connie burke (df001) estimate

YR_1933

Fire severity code for estimated fire year 1933 with range of estimated scar years 1931-1936

YR_1935A

Fire severity code for estimated fire year 1935 with range of estimated scar years 1933-1939 (est. 1937). 1935 is a connie burke (df001) estimate

YR_1935B

Fire severity code for estimated fire year 1935 with range of estimated scar years 1930-1937

YR_1936

Fire severity code for estimated fire year 1936 with range of estimated scar years 1933-1938

YR_1940

Fire severity code for estimated fire year 1940 with range of estimated scar years 1937-1943

YR_1941

Fire severity code for estimated fire year 1941 with range of estimated scar years 1940-1943

YR_1952

Fire severity code for estimated fire year 1952 with range of estimated scar years 1955 only. 1952 is a connie burke (df001) estimate

YR_1965

Fire severity code for estimated fire year 1965 with range of estimated scar years 1965 only. 1965 is a connie burke (df001) estimate

YR_1967

Fire severity code for estimated fire year 1967 with range of estimated scar years 1961-1964 (est. 1962). 1967 is a connie burke (df001) estimate

YR_1976

Fire severity code for estimated fire year 1976 with range of estimated scar years 1976-1977 (est. 1976). 1976 is a connie burke (df001) estimate

Enumerated Domains:

Enumerated Domain for Attribute: ADJ_STAND

Stand type not indicated

MF	Mature forest
OG	Old growth
PL	Plantation

Enumerated Domain for Attribute: ASPECT_30

1	Flat
2	North
3	East
4	South
5	West

M Aspect class not indicated

Enumerated Domain for Attribute: ASPECT_CLS

1 Flat
2 North
3 East
4 South
5 West
M Aspect class not indicated

Enumerated Domain for Attribute: FIRE

Not indicated
Y Yes, evidence of fire
N No evidence of fire

Enumerated Domain for Attribute: LOGGING

Not indicated
Y Yes, evidence of logging
N No evidence of logging

Enumerated Domain for Attribute: SITE_TYPE

C Clearcut site is generally 4-ha area with four intensive 0.1 ha circular plots
M Non-harvested site (tree cores taken)
O Opportunistic site, generally old (pre-1984 clearcut) and brushy. no plots established, 10-30 stumps sampled
X Unknown type

Enumerated Domain for Attribute: SLP_STEEP

L Gradual steepness
M Moderately steep
V Very steep
Slope steepness not indicated

Enumerated Domain for Attribute: STCODE

DF014 Study code DF014

Enumerated Domain for Attribute: SUPERPAG

1 PSME (Douglas-fir)
2 SPME-TSHE (menzies spiraea-western hemlock)
3 TSHE (moist) (western hemlock)
4 TSHE (dry) (western hemlock)
5 ABAM (warm) (pacific silver fir)
6 ABAM (cold) (pacific silver fir)

- 7 TSME (mountain hemlock)
- 8 ABGR (grand fir)
- 9 Unknown

Enumerated Domain for Attribute: VEG_SERIES

- 1 PSME (douglas-fir)
- 2 TSHE (western hemlock)
- 3 ABAM (pacific silver fir)
- 4 TSME (mountain hemlock)
- 9 Unknown

Enumerated Domain for Attribute: HILLSLP_30

- 1 Valley bottom
- 2 Lower
- 3 Middle
- 4 Upper
- 5 Ridgetop
- M Hill slope position not indicated

Enumerated Domain for Attribute: HIGH_LOW

- H Higher elevation plot
- L Lower elevation plot
- No elevation indicated

Enumerated Domain for Attribute: MACRO_SLOP

- R Ridge
- U Upper slope
- M Middle slope
- L Lower slope
- V Valley
- Not indicated

Enumerated Domain for Attribute: MICRO_SLOP

- R Ridge
- U Upper slope
- M Middle slope
- L Lower slope
- V Valley
- Not indicated

Enumerated Domain for Attribute: OTHER_MICR

No microtopographic feature indicated

bench	Plot is on bench
depressi	Plot is on depression
drainage	Plot is in drainage
draw	Plot is on draw
dry	Plot is dry
hilltop	Plot is on hilltop
nose	Plot is on nose
outcrop	Plot is on outcrop
ravine	Plot is on ravine
ridge	Plot is on ridge
rocky	Plot is rocky
saddle	Plot is on saddle
slope	Plot is on slope
talus	Plot is on talus
terrace	Plot is on terrace
wet	Plot is wet
wet swal	Plot is in wet swales

Enumerated Domain for Attribute: PLOT_ID

A	Circular 0.1 ha plot A on C site
B	Circular 0.1 ha plot B on C site
C	Circular 0.1 ha plot C on C site
D	Circular 0.1 ha plot D on C site
E	Circular 0.1 ha plot E on C site
O	Opportunistic plot O on C site or O site
S	Opportunistic plot S on site O1
T	Opportunistic 2nd plot T on O site
X	Plot X on site X01

Enumerated Domain for Attribute: STCODE

DF014	Study code DF014
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Enumerated Domain for Attribute: TOPO

C	Concave
F	Flat

V Convex
Not indicated

Enumerated Domain for Attribute: PLOT_ID

A Circular 0.1 ha plot A on C site
B Circular 0.1 ha plot B on C site
C Circular 0.1 ha plot C on C site
D Circular 0.1 ha plot D on C site
E Circular 0.1 ha plot E on C site
O Opportunistic plot O on C site or O site
S Opportunistic plot S on site O1
T Opportunistic 2nd plot T on O site
X Plot X on site X01

Enumerated Domain for Attribute: STCODE

DF014 Study code DF014

Enumerated Domain for Attribute: AREL

6 Age estimate is exact
5 Age estimate is within 5 years
4 Age estimate is within 10 years
3 Age estimate is within 20 years
2 Age estimate is within 30 years
1 Age estimate is within 40 years
0 Age estimate is within 50 years
Age estimate is not specified

Enumerated Domain for Attribute: POSITION

L Lower side
S Side
U Upper side
No position indicated
SL Side and lower side
UL Upper and lower side
US Side and upper side
USL Side, upper, and lower side

Enumerated Domain for Attribute: SCAR_TYPE

P Pitch ring

R	Rot ring
S	Scar
	No scar type indicated

Enumerated Domain for Attribute: STCODE
DF014 Study code DF014

Enumerated Domain for Attribute: SREL

6	Age estimate is exact
5	Age estimate is within 5 years
4	Age estimate is within 10 years
3	Age estimate is within 20 years
2	Age estimate is within 30 years
1	Age estimate is within 40 years
0	Age estimate is within 50 years
	Age estimate is not specified

Enumerated Domain for Attribute: STCODE
DF014 Study code DF014

Enumerated Domain for Attribute: AREA

1	Quartz
2	McKenzie face
3	South Deer
4	Lookout
5	Tidbits
6	Blue River face
7	Cook-Quentin
8	Mann
9	North Deer
10	Squaw/Threemile

Enumerated Domain for Attribute: STCODE
DF014 Study code DF014

Enumerated Domain for Attribute: YR_1479

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate

- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1534

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1553

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1588

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High

- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1615

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1642

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1644

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)

- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1645

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1649

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1659

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date

- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1674

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1682

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1684

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site

9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1686

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1689

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1703

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1704

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1715

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1716

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1732

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1736

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1737

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1756A

- 0 No record of fire

- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1756B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1763

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1765

- 0 No record of fire
- 1 Underburn

- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1771

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1776

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1783

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn

- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1788A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1788B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1789

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low

- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1794

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1801

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1807A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate

- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1807B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1817A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1817B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High

- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1822

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1823

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1826

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)

- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1833

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1834

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1836

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date

- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1840

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1842

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1843

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site

9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1848

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1850A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1850B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1854

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1855

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1858

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1863

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1864

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1867

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1868

- 0 No record of fire

- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1875

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1879

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1880A

- 0 No record of fire
- 1 Underburn

- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1880B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1884

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1886

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn

- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1888

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1891A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1891B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low

- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1896A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1896B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1896C

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate

- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1897

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1898

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1902A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High

- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1902B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1906

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1909

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)

- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1911

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1914

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1918

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date

- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1921

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1923A

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1923B

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site

9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1928

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1931

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1932

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1933

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1935A

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1935B

0	No record of fire
1	Underburn
2	Low/underburn
3	Low
4	Moderate
5	High
6	Unknown (not earliest date)
7	Unknown and earliest date
8	Unknown because opportunistic site
9	Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1936

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1940

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1941

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1952

- 0 No record of fire

- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1965

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1967

- 0 No record of fire
- 1 Underburn
- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)

Enumerated Domain for Attribute: YR_1976

- 0 No record of fire
- 1 Underburn

- 2 Low/underburn
- 3 Low
- 4 Moderate
- 5 High
- 6 Unknown (not earliest date)
- 7 Unknown and earliest date
- 8 Unknown because opportunistic site
- 9 Erased (no trees old enough)