

TREE RING DATABASE KEY

Date Symbols Used with Inside Date:*

- year = No pith ring present.
- p = Pith ring present.
- fp = Curvature of inside ring indicates it is far from the pith.
- ± p = Pith ring present; but due to difficult nature of ring series near the center of specimen, an exact date cannot be assigned to it. The date is obtained by counting back from earliest dated ring.
- ± = Innermost ring is not the pith ring and an absolute date cannot be assigned to it. A ring count is involved.

Date Symbols Used with Outside Date:*

- B = Bark present.
- G = Beetle galleries are present on surface of specimen.
- L = A characteristic surface patination and smoothness, which develops on beams stripped of bark, is present.
- c = Outermost ring is continuous around the full circumference of specimen. This symbol is used only if a full section is present.
- r = Less than a full section is present, but the outermost ring is continuous around available circumference.
- v = A subjective judgment that, although there is no direct evidence of the true outside on the specimen, the date is within a very few years of being a cutting date.
- vv = There is no way of estimating how far the last ring is from the true outside.
- +
- ++ = A ring count is necessary due to the fact that beyond a certain point the specimen could not be dated.

The symbols B, G, L, c, and r indicate cutting dates in order of decreasing confidence, unless + or ++ is also present.

The symbols L, G, and B may be used in any combination with each other or with the other symbols except v and vv. The r and c symbols are mutually exclusive, but may be used with L, G, B, + and ++. The v and vv are also mutually exclusive, but may be used in combination with all the other symbols.

* Code definitions taken from:

Lekson, Stephen H. (editor)
1983 *The Architecture and Dendrochronology of Chetro Ketl, Chaco Canyon, New Mexico*. Reports of the Chaco Center No. 6. Division of Cultural Research, National Park Service, Albuquerque.

Species:

DF = DOUGLAS FIR
NC = NON CONIFEROUS
JUN = JUNIPER
Pnn = PINYON
PP= PONDEROSA PINE
Pop = POPULUS/COTTONWOOD
PSF = PINE/SPRUCE/FIR
SF = SPRUCE FIR

Condition of Beam End:

BRK = BROKEN
BT = BEAVER TAIL
BURN = BURNED
GRND-F = GROUND FLAT
IN = INCISED
MA = METAL AX
NE = NOT EXPOSED
NIB-F = NIBBLED FLAT
ROT = ROTTED
ROUND = ROUNDED
SA = STONE AX
SAW = SAWED
T = TERMITES
W = WEATHERED
WC = WALL CRUSH/ROCK CRUSH MARKS

Use:

BEAM = BEAM DESCRIPTION FROM LEKSON'S BOOK
FRAG = FRAGMENT
I = INTRAMURAL
IH = HORIZONTAL INTRRAMURAL
IV = VERTICAL INTRAMURAL
L = LINTEL
LO = OUTSIDE LINTEL
L2 = SECONDARY LINTEL
LF = LOOSE FRAGMENT
P = PRIMARY BEAM
PLAT = PLATFORM BEAM
S = SECONDARY BEAM
PL=PILASTER LOG