

Date (day, month, year): 12/9/09 Personnel (initials): NA,ND

### STABLE ISOTOPE CORES DATASHEET

Tree ID: WTPG-ABMA-LIVE-#1  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** Just west of plot, SW of Dead #1

NAD83 UTM: 4051870 N 0347059 E

Tree height (nearest m): 45 DBH (mid-slope, cm): 108.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
A little bit of brooming and branch swelling, otherwise big and healthy, NW facing slope

=====  
Tree diameter at CORE height (cm): 108.9

Cm from d-tape to wood: North 8.0 South 9.0 East 8.5 West 8.6

**South** core sapwood thickness (cm): \_\_\_\_\_

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 12 SEPT 2007 Personnel (initials): ND

STABLE ISOTOPE CORES DATASHEET

Tree ID: WTPG-ABMA-DEAD-1

(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** 5 M West of WTABMA

NAD83 UTM: 4051918 N 0347069 E

Tree height (nearest m): \_\_\_\_\_ DBH (mid-slope, cm): 79.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Codominant tree. Extensive frass and insect holes. On NW facing slope.

=====  
Tree diameter at CORE height (cm): 80.3

Cm from d-tape to wood: North 5.7 South 6.7 East 4.1 West 5.5

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 12/9/09 Personnel (initials): NA, ND

**STABLE ISOTOPE CORES DATASHEET**

Tree ID: WTAG-ABMA-DEAD-#2  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** 1/4 mile SW of plot, 100 yds NW of trail

NAD83 UTM: 4051779 N 0347019 E

Tree height (nearest m): 42 DBH (mid-slope, cm): 93.3

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
On very gentle NW slope, small amount of frass

=====  
Tree diameter at CORE height (cm): 93.3

Cm from d-tape to wood: North 7.3 South 7.3 East 5.6 West 7.4

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 12/9/09 Personnel (initials): NA, ND

### STABLE ISOTOPE CORES DATASHEET

Tree ID: WTG-ABMA-LIVE-#2

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** 20 m East of dead #2

NAD83 UTM: 4051775 N 0347029 E

Tree height (nearest m): 40 DBH (mid-slope, cm): 84.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

A few pitch tubes but one of the healthiest looking trees  
the area

=====  
Tree diameter at CORE height (cm): 84.0

Cm from d-tape to wood: North 6.0 South 6.9 East 7.0 West 4.8

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 12/9/09 Personnel (initials): NA ND

### STABLE ISOTOPE CORES DATASHEET

Tree ID: WTPG - ABMA - DEAD - #3  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_  
 Tree is near the plot. **Describe location** 1/3 mile SW of plot 200 yds NNW of trail

NAD83 UTM: 40S1679 N 0346926 E

Tree height (nearest m): 57 DBH (mid-slope, cm): 113.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
Seems very fresh dead; small amount of frass and browsing

=====  
Tree diameter at CORE height (cm): 116.6

Cm from d-tape to wood: North 8.0 South 7.8 East 5.9 West ~~0.0~~ 6.1

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 12/9/09 Personnel (initials): NA, ND

### STABLE ISOTOPE CORES DATASHEET

Tree ID: WTFG - ABMA - LIVE - #3

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** 20m East of dead #3

NAD83 UTM: 4051675 N 0346961 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 117.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Very healthy, does not look stressed at all

=====  
Tree diameter at CORE height (cm): 117.0

Cm from d-tape to wood: North 7.2 South 6.2 East 5.8 West 6.9

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 9-15-09 Personnel (initials): US

### STABLE ISOTOPE CORES DATASHEET

Tree ID: Sequoia Watchtower ABMA - DEAD # 4  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watchtower

Tree is inside the plot. Tree tag number \_\_\_\_\_

Tree is near the plot. Describe location uphill 25 meters

NAD83 UTM: 0347217 N 4051759 E

Tree height (nearest m): 38.0 DBH (mid-slope, cm): 83.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Dead w/ decent foliage near bottom of canopy, only  
SPORADIC Needles AT top.

Cones are good and came out with one sample.

=====  
Tree diameter at CORE height (cm): 81.6

Cm from d-tape to wood: North 9.1 South 8.3 East 6.4 West 8.1

South core sapwood thickness (cm): ?

Comments on core:

West core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 9.15.09 Personnel (initials): Us

STABLE ISOTOPE CORES DATASHEET

Tree ID: Sequoia-WT- ABMA- Alive #4

(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Near Watchtower

- Tree is inside the plot. Tree tag number \_\_\_\_\_
- Tree is near the plot. Describe location uphill of plot 75 meters // near dump trail

NAD83 UTM: 0347232 N 4051720 E

Tree height (nearest m): 35.0 DBH (mid-slope, cm): 78.3

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Very healthy for an ABMA. No flagging, full crown on south and west faces. Very few pitch tubes

=====  
Tree diameter at CORE height (cm): 78.3

Cm from d-tape to wood: North 5.5 South 3.9 East 5.8 West 5.3

South core sapwood thickness (cm): ?

Comments on core:

West core sapwood thickness (cm): ?

Comments on core:



Date (day, month, year): 9.15.09 Personnel (initials): US

### STABLE ISOTOPE CORES DATASHEET

Tree ID: Sequoia-UT- ABMA- Dead # 5  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watchtower

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** uphill 75 m from plot

NAD83 UTM: 0347300 N 4051780 E

Tree height (nearest m): 39.0 DBH (mid-slope, cm): 83.1

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
Full foliage, needles to top, full orange color in needles.

=====  
Tree diameter at CORE height (cm): 82.4

Cm from d-tape to wood: North 6.2 South 8.2 East 6.6 West 8.5

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 9-15-09 Personnel (initials): US

STABLE ISOTOPE CORES DATASHEET

Tree ID: Sequoia-WT-ABMA-NIVE-#5  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WATCHTOWER

- Tree is inside the plot. Tree tag number \_\_\_\_\_
- Tree is near the plot. Describe location 25 meters SW of Dead #5

NAD83 UTM: 0347292 N 4051759 E

Tree height (nearest m): 35.0 DBH (mid-slope, cm): 80.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Very healthy tree. No flagging, full crown.

=====  
Tree diameter at CORE height (cm): 80.9

Cm from d-tape to wood: North 6.5 South 5.5 East 5.8 West 6.8

South core sapwood thickness (cm): ?

Comments on core:

West core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): Whishang, Bonet, Poches

STABLE ISOTOPE CORES DATASHEET

Tree ID: SECT-Waldtoner-ABWA-Live-#6  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Waldtoner-WTABWA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** Above plot just west of Humpt rail

NAD83 UTM: 4051676 N 1150347247 E

Tree height (nearest m): 32 DBH (mid-slope, cm): 53.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 54.6

Cm from d-tape to wood: North 5.8 South 4.2 East 4.8 West 5.1

**South** core sapwood thickness (cm): ~ 1.6

Comments on core:

**West** core sapwood thickness (cm): ? - Not readable

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): BW, NA, Am

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-ABMA-DEAD-#6  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watch Tower

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** just south of hump trail

NAD83 UTM: 0347250 <sup>E</sup> ~~F~~ 4051697 ~~N~~ <sup>N</sup>

Tree height (nearest m): 30 DBH (mid-slope, cm): 55.5

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

looks very recently dead, some frass and pitching

=====  
Tree diameter at CORE height (cm): 57.5

Cm from d-tape to wood: North 5.1 South 4.9 East 4.8 West 4.9

**South** core sapwood thickness (cm): ?

Comments on core:

unable to determine

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): N.A.B., A.M.

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-LIVE-#7-ABMA  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watchtower - WTABMA

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** Tree below trail - East from plot, plot

NAD83 UTM: 4051847 N 1150347306 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 100.2

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 96.0  
Cm from d-tape to wood: North 5.4 South 7.7 East 4.6 West 6.2  
**South** core sapwood thickness (cm): 6.7 ?  
Comments on core:

**West** core sapwood thickness (cm): uncertain  
Comments on core:

Date (day, month, year): 21/08/09 Personnel (initials): BW, NA, AM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-ABMA-Dead-#7  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watch Tower - WT ABMA  
 Tree is inside the plot. **Tree tag number** Tree up trail, down hill from Watchtower plot  
 Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: 4051703 N 1150347189 E

Tree height (nearest m): 44 DBH (mid-slope, cm): 137.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====

Tree diameter at CORE height (cm): 137.7

Cm from d-tape to wood: North 8.2 South 7.8 East 7.0 West 8.0

**South** core sapwood thickness (cm): Not able to determine

Comments on core:

**West** core sapwood thickness (cm): Not able to determine

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): AM, NA, BW

STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-ABMA-Dead-#8  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** 6117

Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: 4051934 N 0347150 E

Tree height (nearest m): 45 DBH (mid-slope, cm): 93.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

6117 - more completed  
etc in 2009

Frass on bole  
DBH taken high b/c of debris from fallen log

Tree diameter at CORE height (cm): 90.2

Cm from d-tape to wood: North 9.5 South 5.8 East 8.3 West 7.7

**South** core sapwood thickness (cm): uncertain

Comments on core:

**West** core sapwood thickness (cm): 4.1, but uncertain

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): AM, WNA

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-ABMA-Live-#8

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: WTABMA

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** east of plot

NAD83 UTM: 4051945 N 0347202 E

Tree height (nearest m): 51 DBH (mid-slope, cm): 138.6

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Little bit of flogging and branch swelling but looks healthier than surrounding trees.

=====  
Tree diameter at CORE height (cm): 138.6

Cm from d-tape to wood: North 13.9 South 11.0 East 11.7 West 10.4

**South** core sapwood thickness (cm): uncertain

Comments on core:

**West** core sapwood thickness (cm): uncertain

Comments on core:



Date (day, month, year): 21/10/09 Personnel (initials): BAN, WGA, AMM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKT-ABMA-Live # 9

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Panther Gap

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** South up trail & up hill

NAD83 UTM: 4050324 N 1150347573 E

Tree height (nearest m): 57 DBH (mid-slope, cm): 152.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 152.4

Cm from d-tape to wood: North 6.2 South 5.5 East 5.9 West 8.4

**South** core sapwood thickness (cm): ? unable to determine

Comments on core:

**West** core sapwood thickness (cm): Unable to determine

Comments on core:

Date (day, month, year): 21/09/09 Personnel (initials): BW, NA, AM

STABLE ISOTOPE CORES DATASHEET

Tree ID: SEKI-ABMA-Dead-#9  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Panther Gap

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** South up trail - then uphill

NAD83 UTM: 4050233 N 0377577 E

Tree height (nearest m): 53 DBH (mid-slope, cm): 110.5

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Some Frass,

=====  
Tree diameter at CORE height (cm): 112.6

Cm from d-tape to wood: North 6.7 South 6.5 East 4.5 West 6.4

**South** core sapwood thickness (cm): uncertain

Comments on core:

**West** core sapwood thickness (cm): uncertain

Comments on core: