

# Using Photo Series for Fuels Inventory

Objectives: Trainees will:

1. List three uses of fuels inventory data;
2. List three important fuels characteristics that can be quantified using fuels inventory methods;
3. Describe in general terms Brown's Planar Intercept Method for fuels inventory;
4. Discuss the history of photo series for fuels inventory;
5. Discuss how fuels inventory photo series are prepared;
6. Describe how fuels inventory photo series are used;  
and
7. Use the photo series to estimate fuel loading by size class in a field setting.



Figure 1.--Location of transects on photo plot.

# FUELS INVENTORY

## Bay Area Photo Series for Quantifying Natural Fuels

Date: \_\_\_\_\_

Observer Name: \_\_\_\_\_

Treatment Area Designator: \_\_\_\_\_ Aspect: \_\_\_\_\_ Elevation: \_\_\_\_\_ ft

Location: \_\_\_\_\_

Vegetation Type:  Grassland  Oak Woodland  Shrubland  Eucalyptus

Conifer Forest  Other

Vegetation Condition (young, mature, decadent, dense, sparse; dominant species, dead-to-live ratio): \_\_\_\_\_

Horizontal Continuity of Fuels:  Continuous  Patchy \_\_\_\_\_ % Ground Cover

Vertical Continuity of Fuels:  No Ladder Fuels  Ladder Fuels Present

Further Details: \_\_\_\_\_

Litter Depth: \_\_\_\_\_ inches

Duff Depth: \_\_\_\_\_ inches

### Fuel Loadings (Tons/Acre)

### Representative Photo(s)

0 - 1/4" \_\_\_\_\_

\_\_\_\_\_

1/4 - 1" \_\_\_\_\_

\_\_\_\_\_

1 - 3" \_\_\_\_\_

\_\_\_\_\_

3 - 9" \_\_\_\_\_

\_\_\_\_\_

9+ " \_\_\_\_\_

\_\_\_\_\_

Total \_\_\_\_\_

\_\_\_\_\_

Other Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_