

FIELD PROCEDURE: CANOPY TYPE PERCENTAGES (REACH-WIDE)

(Source: Freudenthal, 1999)

EQUIPMENT NEEDED:



- reach map
- data sheet, clipboard, pencil

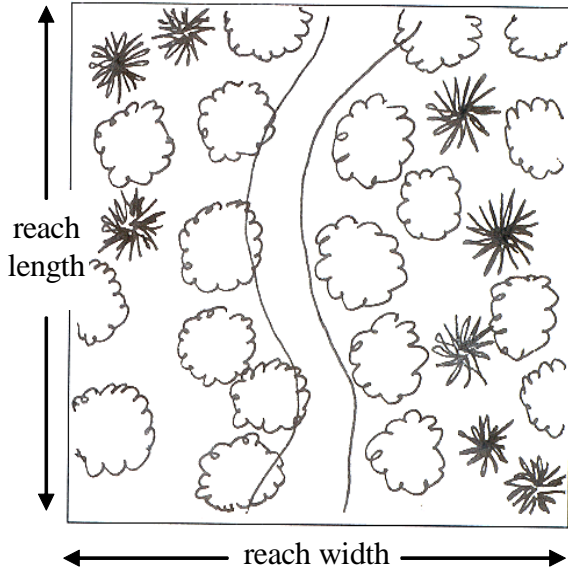
In this procedure you'll estimate how much of your reach is under the cover of trees, both coniferous and deciduous. This is done in August, when the deciduous trees have leafed out.

1. Visualize your entire reach, consulting your reach map. (It may help to be in the middle of the reach or to walk the channel.) Look at the overstory canopy cover (the highest level of tree branches) in this area, and imagine that you were looking down on this canopy from an airplane. You would possibly see sections of conifer canopy, sections of deciduous canopy, and sections of no canopy (where you can see right down to the ground or bushes).
2. Imagining this view from the sky (see sample drawings on next page). Estimate the percentage ***of your entire reach area*** over which the canopy is covered by conifer trees, in one of the following three classes: 0-5%; 6-50%; 51-100%. Mark the appropriate class on the "Conifer" line on your data sheet.
3. Do the same for deciduous trees, marking the appropriate class on the "Deciduous" line on your data sheet.
4. If there is a portion of your reach that is not under tree cover, your percentages will not add up to 100%. See the examples below for guidance.
5. If in doubt, consult your fellow team members. Have them make their own estimates before sharing yours.
6. In the "Sampler's Initials" box to the right of the data boxes, put all the initials of one sampler taking responsibility for the data. If more than one person worked on this data, put the initials of the person with the most experience or knowledge.

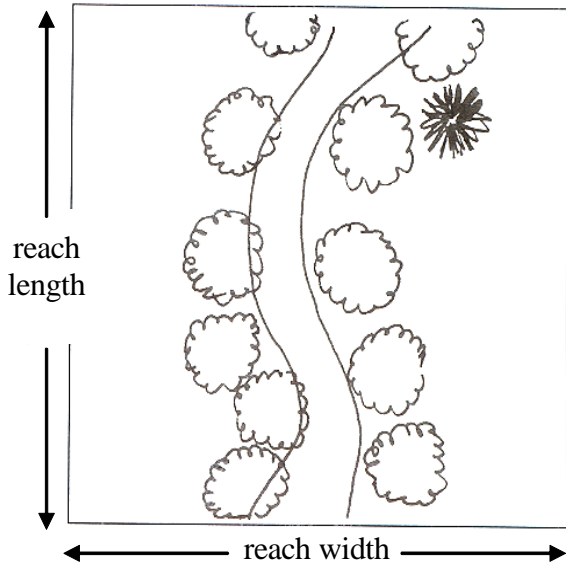
CANOPY TYPE PERCENTAGES (REACH-WIDE)

Examples:

 = conifer cover  = deciduous cover



% conifer cover = 6-50%
% deciduous cover = 51-100%



% conifer cover = 0-5%
% deciduous cover = 6-50%