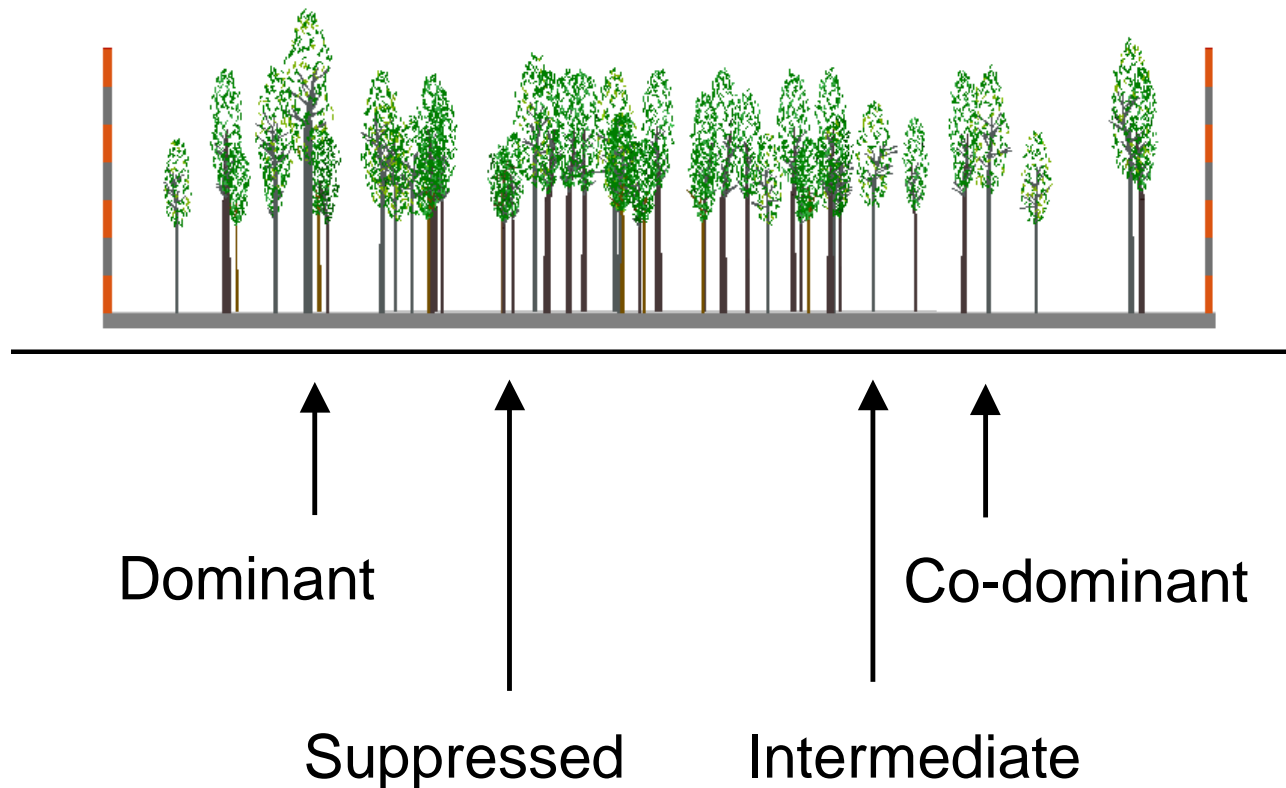


FOR 2542 – Forest Measurement and Inventory
Crown Class
 David Larsen



Crown Class is an estimate of social position of a tree. It describes the crown position relative the adjacent trees.

Common classes include:

Dominant – a tree whose crown extends above the general level of the main canopy of even-aged stands. In uneven-aged stands above the crowns of it's immediate neighbors, receiving full sunlight from above and partial light from the sides.

Co-dominant – a tree whose crown helps to form the general level of the main canopy in even-aged stands. In uneven-aged stands the main canopy of the trees immediate neighbors, receiving full sunlight from above and comparatively little from the sides.

Intermediate – a tree whose crown extends into the lower portion of the main canopy of even-aged stands. In uneven-aged stands into the lower portion of the canopy formed by the immediate neighbors. They are shorter than co-dominants and little direct sunlight from above and not from the sides.

Suppressed (Overtopped) – a tree whose crown is completely over topped by the crowns of one or more neighbors. Note the vigor of an overtopped tree depends on the trees shade tolerance.