

Forest Stand Dynamics Worksheet

1. Which parts of a tree stem are responsible for these functions:
 - Water transport from roots to crown: _____
 - Sugar transport from crown to roots: _____
 - New stem growth: _____
2. What initiates the forest development cycle?
3. What are the four basic stages of forest development?
4. Until true old growth is reached, stands in Western Washington are essentially _____-aged
5. What is succession?
6. What type of mortality characterizes:
 - Early successional development: _____
 - Late successional development: _____
7. process of establishing which trees will dominate and which trees will die out is called _____
8. In order for tree size to continue to increase, stand density must _____
9. List two reasons you may want to thin a young, dense stand: