

# NATIONAL 4-H FORESTRY INVITATIONAL

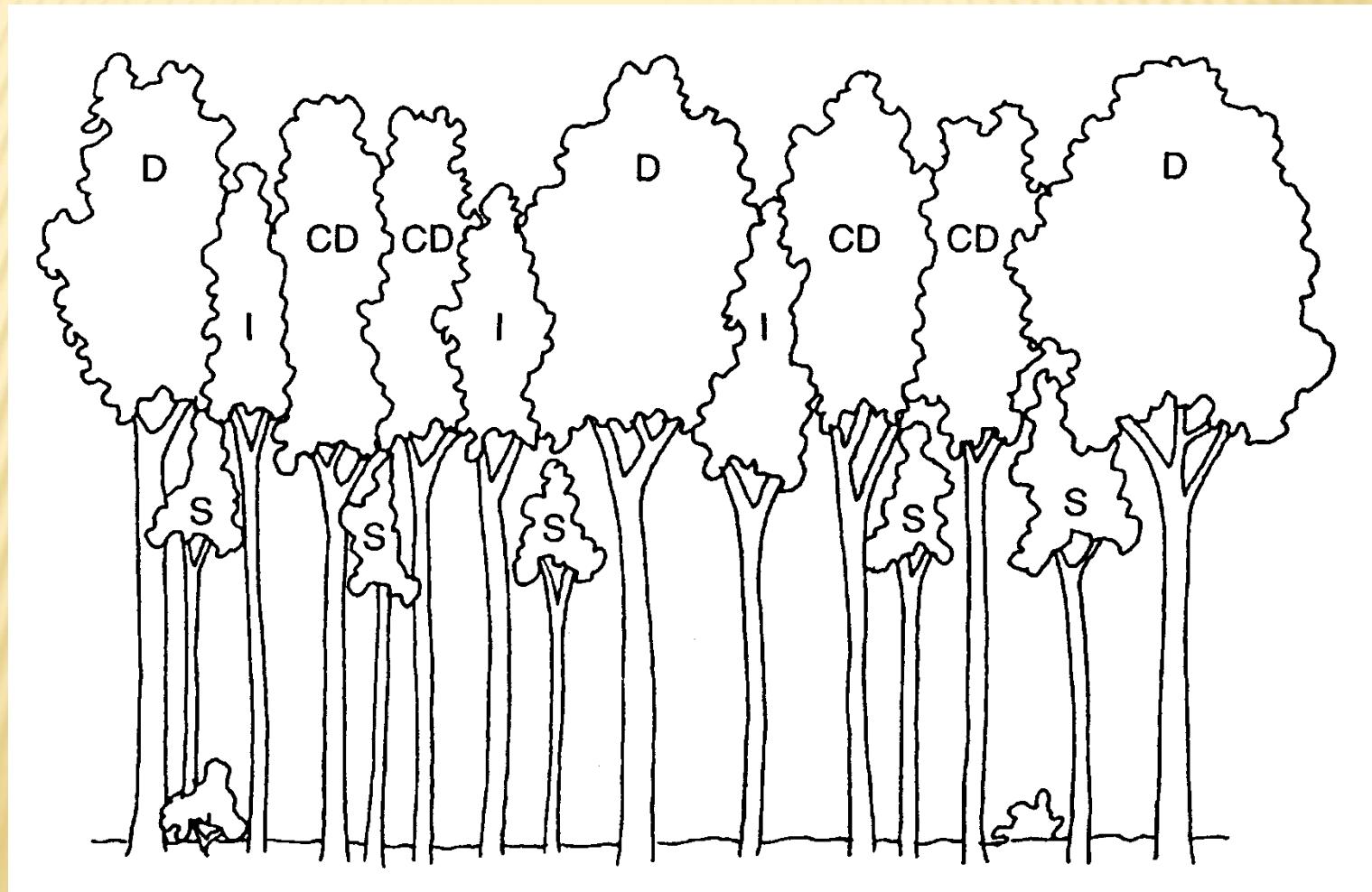
## Tree Measurement and Forest Evaluation Review



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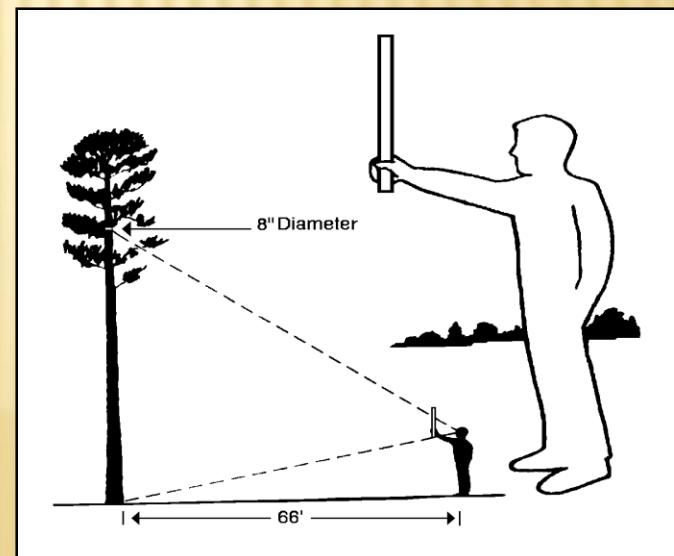
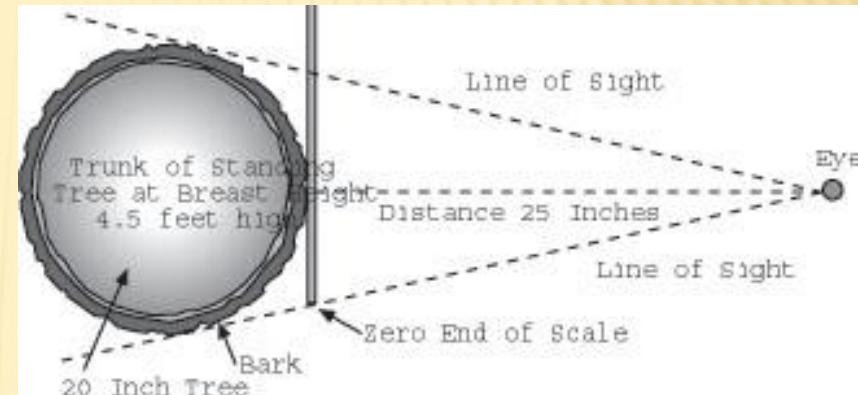
# FOREST INVENTORY

## ✗ Crown Classes



# TREE MEASUREMENT

- + You should know
- + Tree Identification
- + Diameter – DBH
  - ✖ Using Biltmore stick and
  - ✖ Diameter Tape
- + Height
- + 16 foot logs to nearest full half log (8 foot)



# Merchantable Height

- ✖ **Stump Height** – six inches to 1 foot above the ground above major root flare
- ✖ **8 inch top diameter**
- ✖ **Major fork or defect** = “*stoppers*”
  - + **Fork** - limb is greater than half the tree’s diameter at that point
  - + **Defect** - hollow or point of decay which affects greater than half the tree’s diameter at that point

