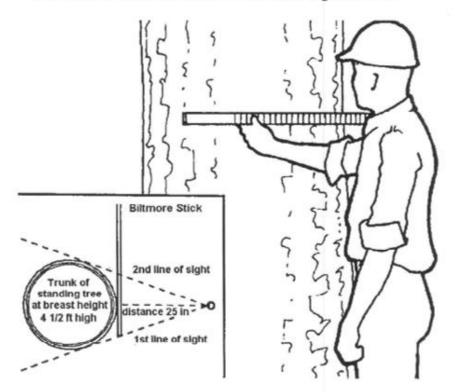


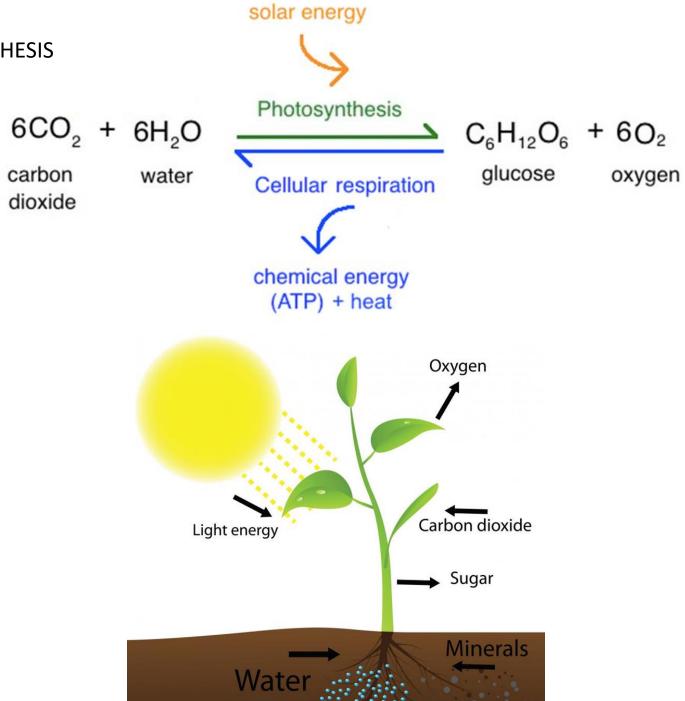
HOW-TO-USE-A-BILTMORE-STICK¶

To Measure Diameter

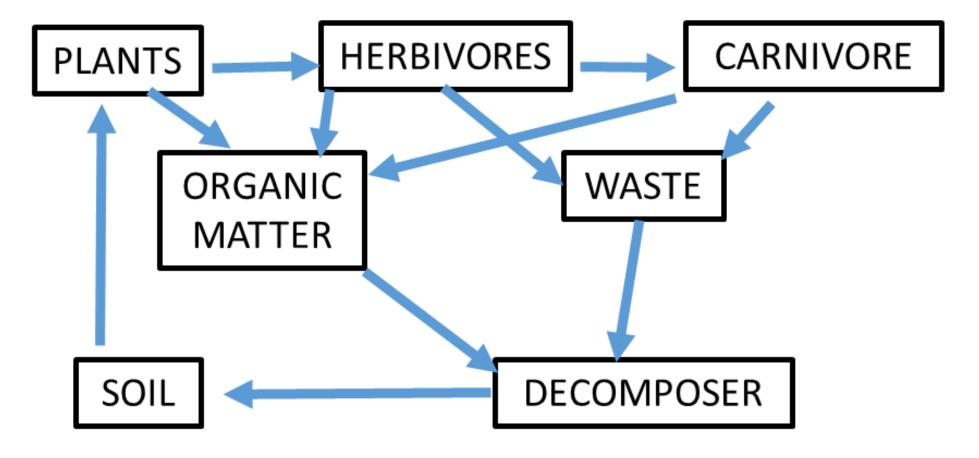
- Diameter is measured at what is called Diameter Breast Height (DBH). This is 4.5 ft. (1.37 m) up the trunk from the ground. If the tree you are measuring is on a slope, diameter should be taken at 4.5 ft. (1.37 m) on the uphill side of the tree.
- Hold the Biltmore stick against the tree at DBH, 25 in. (62.5 cm) from your eye. Make sure
 the edge of the stick that reads diameter is facing you.
- 3. Sight past the zero end of the stick and the edge of the tree.
- Without moving your head, shift your eyes to other side of the tree and read the black diameter mark nearest to your line of sight.
- Tree trunks usually are not round. If a trunk is very much out of round, you should measure both wide and narrow diameters and take the average of the two.



THE PROCESS OF PHOTOSYNTHESIS



NUTRIENT CYCLE



PRODUCERS- Consist of photosynthetic organisms (plants and/or phytoplankton)

PRIMARY CONSUMERS- Herbivores that eat producers

SECONDARY CONSUMERS- Carnivores that eat the primary consumers

TERTIARY CONSUMERS- Carnivores that eat other carnivores. Higher-level consumers feed on the next lower tropic levels, and so on, up to the organisms at the top of the food chain: the apex consumers.

