

# NREM 480: Applied Forest Ecology

- *Among the scenes which are deeply impressed on my mind, none exceed in sublimity the primeval forests undefaced by the hand of man; whether those of Brazil, where the powers of Life are predominant, or those of Tierra del Fuego, where Death and Decay prevail. Both are temples filled with the varied productions of the God of Nature; no one can stand in these solitudes unmoved, and not feel that there is more in man than the mere breath of his body.*

Charles Robert Darwin

# What is a forest?

- *Divide class into groups of ~2-3 people and:*
  - A.** Define the terms: forest, forest resources, and forest management
  - B.** List as many forest resources as you can, and classify them as a “timber” vs. “non-timber” forest product.
  - C.** Define/Differentiate: silviculture vs. restoration vs. conservation
  - D.** Estimate, with some sort of justification, how many trees exist in the world

# How many trees exist in the world?

- <http://www.scientificamerican.com/article/how-many-trees-are-there-in-the-world-video/>
  - Take notes for follow-up discussion!