Plant demographics and plant size
2. How do demographic parameters of plants, and patterns of population dynamics, vary with plant size? Consider both theory and empirical evidence in your assessment. (Where theory and/or evidence are lacking, develop a hypothesis). Do the effects of plant size differ between woody and herbaceous plants? Within trees, do the effects of size differ among subcanopy, canopy and canopy trees, or do all these fit the same relationship? Now compare your synthesis for plants to the theory and data for animals. What are the similarities and differences? Are there some kinds of animals that are more similar to plants? Is the diversity of relationships greater in animals or plants? Is there an overarching theory that works for both animals and plants?
Note: It is not the purpose here to consider how relationships may differ across latitude, biomes or ecoregions (e.g how size/demographic relations may differ between swamps and deserts). You may focus on a particular biome or community type if you wish.