* We need to include meta-ecosystems when scaling up ecosystem function
  + Push to study ecosystem function
  + Ecosystem function is important for ecosystem services
  + We studied mainly at a local level
  + We need to scale up
* …
  + Need to scale up ecosystem function
  + Meta-ecosystems have been left out
  + Meta-ecosystems can influence function (resource flow, interaction with dispersal)
* Ecosystems of different size have different properties. Larger patches have…
  + Higher richness (higher immigration and less extinction)
  + Higher function (from richness, recycling, productivity)
  + Higher resistance to pressures that kill only a fixed number of individuals
  + Higher food chain length
  + Different biomass distribution
  + Hanski’s work
  + Subsidies and patch size
* We expect meta-ecosystem function to depend on patch size
  + As we could not understand metapopulations or metacommunities without considering ecosystem size, that might be the case also for meta-ecosystems
  + The effects that flows have on meta-ecosystems depend on the quality, quantity, frequency, and duration of flows, as well as which compartment is flowing
  + They can influence meta-ecosystem function through the quality, quantity, frequency, duration of the resources that are exchanged.
  + Here, we will focus on quality and quantity.
  + Hp
    - Non-linear relationship between patch size and function, therefore meta-ecosystem function will depend on that. But something will also happen because of resource flow.
    - Small patches receiving resources will have higher ecosystem function as it will maintain more of all the species but also the slowest growing species.
    - Small ecosystems receiving detritus flow will be more top heavy.
* Overview of the paper
  + Look at the effects of ecosystem flow.
  + Results …