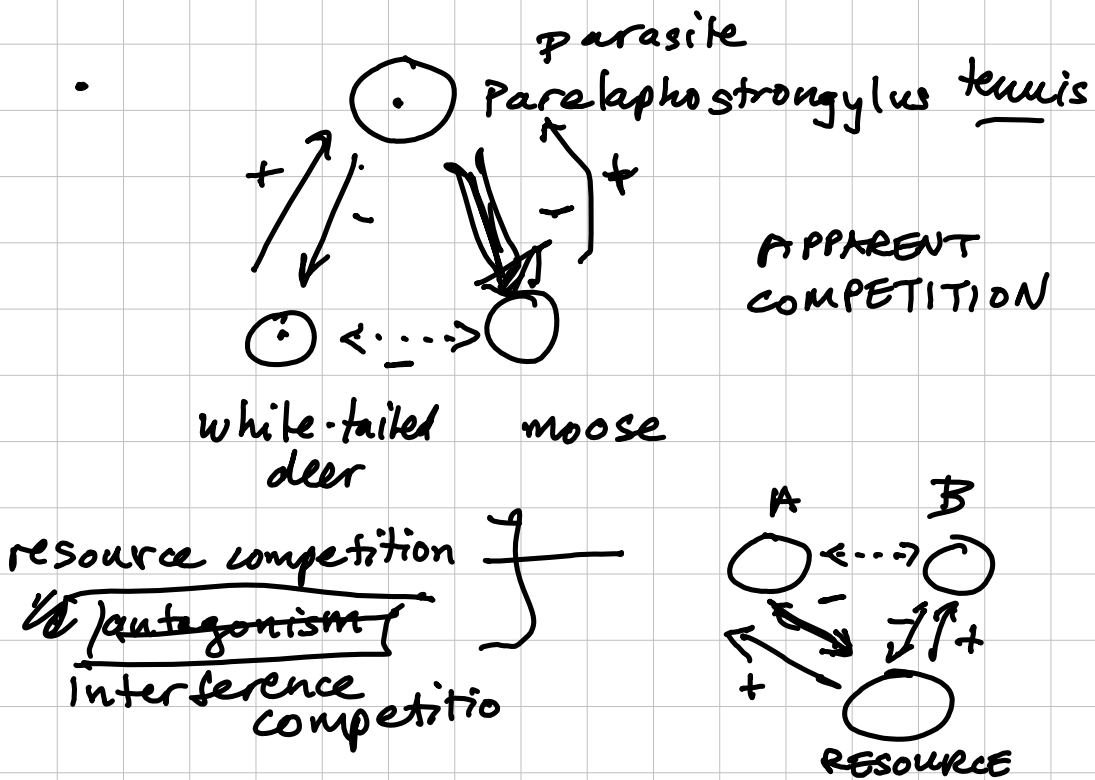


## host-parasite interactions

→ hosts within a community of hosts

### indirect interactions

how do the effects of host-parasite interactions change the community?



moose density  
negatively correlated w/ density  
of parasite eggs in deer feces

in the absence of worms,  
moose outcompete deer for forage  
resources

### build a model

2. WE DON'T KNOW!

— sensitive parameters

growth rate of  
snails.

comp interaction betw  
moose + deer

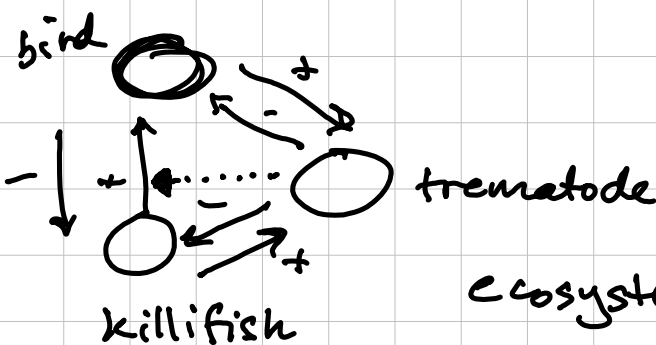
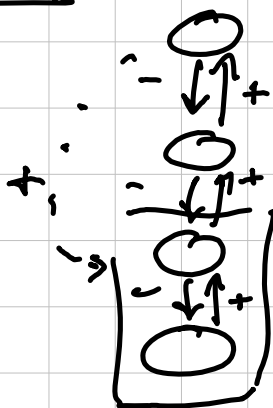
death rate of moose

### TROPHIC CASCADE

density-mediated

trait-mediated

behaviour



ecosystem changes?