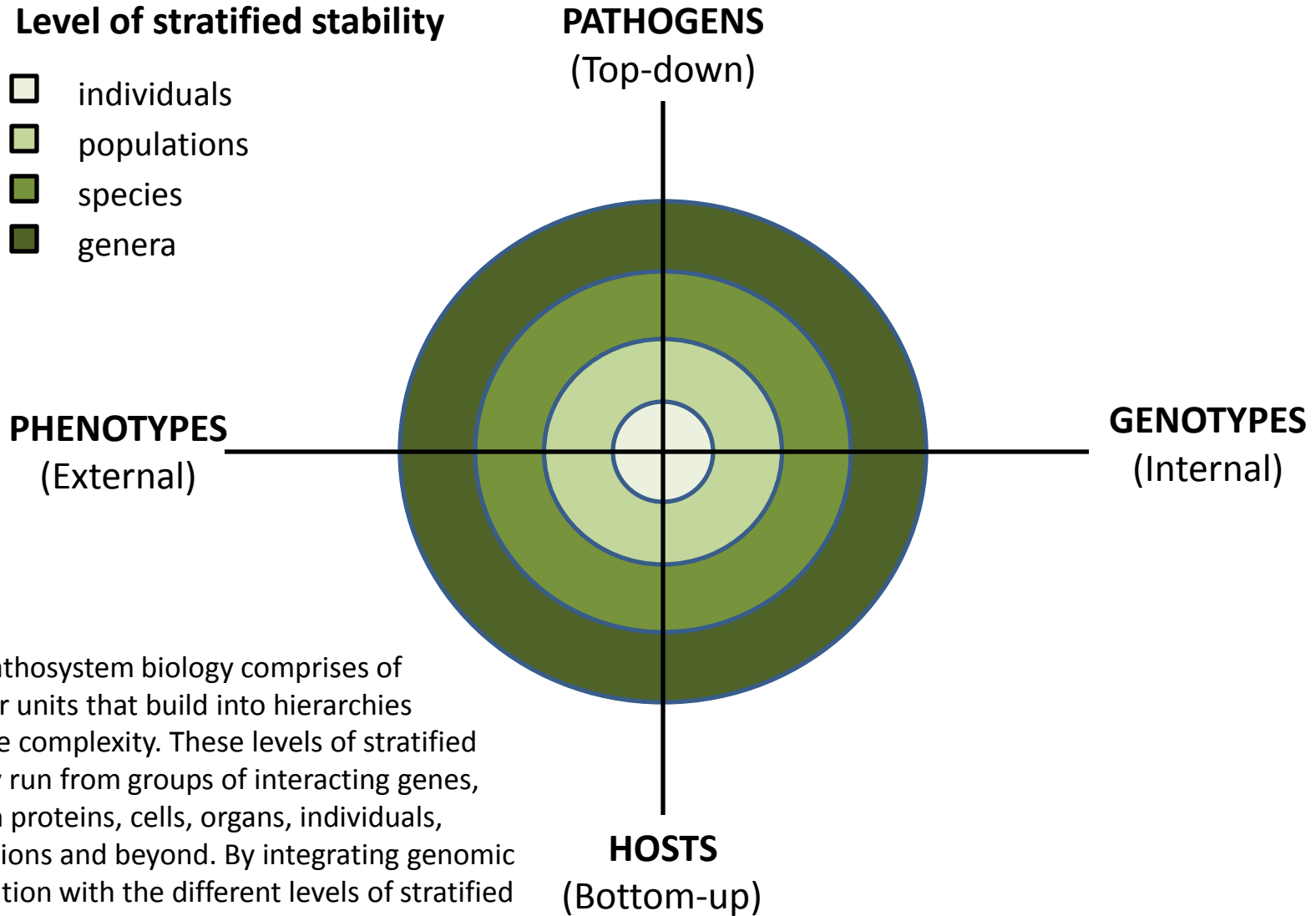


Root-pathosystems Biology

Level of stratified stability

- individuals
- ◻ populations
- ◼ species
- ◼ genera



Root-pathosystem biology comprises of modular units that build into hierarchies of stable complexity. These levels of stratified stability run from groups of interacting genes, through proteins, cells, organs, individuals, populations and beyond. By integrating genomic information with the different levels of stratified complexity these specific networks of interactions with their levels of functional molecular variation, will, in turn, determine the population dynamics of both the hosts and their pathogens populations. These key components are important in establishing overall root health.