

MMG 301 Quiz 8 (F. Dazzo) (0.25 pt X 4 = 1 pts)

- The order of ecological hierarchy for microorganisms is:
 - Communities → populations → ecosystem
 - Guilds → populations → communities → ecosystems
 - individual cells → guilds → populations → communities → ecosystem
 - individual cells → populations → guilds → communities → ecosystem
 - None of the above.
- The density-dependent consumption of bacteria by protozoa represents what type of microbial interaction?
 - commensalism
 - amensalism
 - predation
 - d. mutualism
 - e. protocoooperation
- The secondary metabolite made by actinomycetes that is responsible for the typical earthy odor of soil is:
 - streptomycin
 - geosmin
 - N-acyl homoserine lactone
 - d. Activated sludge
 - e. auxin
- The major final microbial metabolites produced in the sewage anaerobic digester are:
 - CO₂ and CH₄
 - acetate and CH₄
 - amino acids, CO₂, H₂
 - d. CO₂ and H₂
 - e. CO₂, CH₄ and acetate