

Describe each of the 5 groups in the domain bacteria:

- Proteobacteria → largest group of bacteria (includes E. coli)
  - Thiomargarita namibiensis
  - Anizobium species
  - Neisseria gonorrhoeae
- Cyanobacteria → gram negative  
photosynthetic  
Anabaena species fix nitrogen
- Chlamydia → gram negative  
Chlamydia trachomatis
- Spirochetes → gram negative  
Syphilis  
Lyme disease (caused by Borrelia species)
- Gram-positive bacteria → gram positive  
MRSA  
actinomyces common in soil