

### Bacteria Report

Choose a bacterial species and provide the following information about that organism. Do not use *Escherichia coli*. Your report must be typed. Refer to the Style Sheet for directions.

1. Genus and species.
2. Group in *Bergey's Manual of Determinative Bacteriology*, 9th ed.
3. Phylum, Class, Order, Family in *Bergey's Manual of Systematic Bacteriology*, 2nd ed.
4. Gram reaction and morphology.
5. Natural habitat.
6. Is this organism kept in the American Type Culture Collection? What number?
7. Who first identified this organism? When?
8. Aerobic, anaerobic, facultative anaerobe?
9. Key identifying tests for this genus.
10. Key tests to identify this species.
11. Describe special characteristics of this organism, e.g., pathogenesis, commercial products, unique habitat or metabolism.
12. Using PubMed, locate a recent (since 1990) article on this bacterium. Cite the article using the correct format\*
  - a. What was the purpose of the study?
  - b. What were the results?

Your paper must be typed. Refer to the Style Sheet for directions.