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*Skerman*

# A Guide to the Identification of the Genera of Bacteria

*Second Edition*

Bacteriologists and pathologists sometimes encounter difficulty in naming unfamiliar bacteria which they have isolated. They must match characteristics of the unknown bacterium with those of known bacteria by tedious searching through such guides as Bergey's Manual. Because the field of systematic bacteriology is subjective and the view of relationships among bacteria vary from country to country, Professor Skerman advocates the adoption of some common methods, in addition to specialized needs, to achieve a better basis of comparison between different groups of bacteria. Referring to over 5000 reprints dealing with all aspects of bacterial research, he has compiled this volume "in which general directives for the identification of the genera of bacteria are supported by a complete list of the methods needed for the purpose."—from the Preface to the Second Edition.

By answering a sequence of questions in the Key, the researcher arrives at a generic name, and then, by consulting the keys to the particular genus in the Manual, he arrives at a species identification.

An elementary chapter on Numerical Analysis has been included in the second edition so that students of systematic bacteriology can appreciate the significance of recently published work.

Based on Bergey's Manual of Determinative Bacteriology, 7th ed.; Prevot's *Traite de Systematique Bacterienne*, v. II 1961; Krassilnikov's *Diagnostik de Bakterien und Actinomyceten*; and on original papers. By V. B. D. Skerman, Professor of Microbiology, University of Queensland, Brisbane, Australia.

Contents / preface / introduction / elements of numerical analysis / a comprehensive key to the genera of bacteria / digest of genera / methods / a guide to study / index.

1967/ca. 300 p./40 figs./\$9.75



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