

THE ANAEROBIC BACTERIA

Their Activities in Nature and Disease

Part I

The Literature for 1966-1969

Volume 4

Leland S. McClung

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P R E F A C E

Publication of these volumes of the literature for the years 1940 through 1969 continues our previous indexing of the world literature on the activities of the anaerobic bacteria. Unfortunately, the original publications [McCoy, E., and McClung, L.S. *The Anaerobic Bacteria and Their Activities in Nature and Disease: a subject bibliography* (in two volumes), University of California Press, 1939; and *Supplement One* (literature for 1938 and 1939)] are no longer available from the publisher. As long as a limited supply lasts, they may be obtained from the author of the present volume; make inquiries to the address below. It had been planned that supplements to the original publication would be issued at 4-5 year intervals. As indicated in the Preface to *Supplement One*, unsettled world conditions occasioned the earlier (1941) release of that volume and although the indexing for the next span of years was completed on schedule, World War II intervened and this was never published. Only recently has it been possible to complete the indexing through 1969 and thus the accumulated literature (1940-1969) forms the present publication. It is expected that the volume for 1970-1975 will follow shortly.

The literature to be indexed has expanded enormously over the years both by the appearance of many new journals and also because of the accessibility of journals not previously available for indexing. The growth with respect to the number of journals covered is readily apparent by comparison of the journal lists in the present publication with that in the volumes previously published and by the numerical count of the entries for the years covered.

A question might be raised with respect to the need for a publication of this type with the availability of computer retrieval and more elaborate cumulative indices in the secondary journals. It should be obvious to the user of this publication that the detailed subject sections in it allows a more rapid *entré* to the literature for a particular topic. Records also show that at least 30 per cent of the references included in this publication were not listed in any of the more than 50 secondary source publications which were consulted in the preparation of these volumes.

The SUBJECT INDEX OUTLINE used in the previous volumes in this series has been continued and expanded by addition of new sections to accomodate new developments or subdivision of previous sections as necessitated by the expansion of the literature. The basic plan (chronological author index and subject sections reflecting the outline divisions) has been continued. The sheer magnitude of the material for the present publication, which includes more than 35,000 citations, and present publication costs have necessitated a change with respect to the format for the entries in the subject sections. Each reference (alphabetized by senior author within a given year) has been numbered in a consecutive series; these numbers are used for the entries within the subject sections. This has been necessary to bring the total pages within publishable limits. Even with this change, the typing of camera ready copy from the original card files has taken more than a year of a full time skilled typist.

The principal libraries which have been used for this publication include the following: The Library System of Indiana University (Main Library and the Branch Libraries for Biology, Chemistry, Geology, Medical Sciences, and Physical Sciences) on the Bloomington Campus; and the Medical and Dental Libraries on the Indianapolis Campus; Iowa State University (Ames, Iowa); Crerar Library (Chicago, Illinois); National Agricultural Library (Beltsville, MD), and the National Library of Medicine (Bethesda, MD). Grateful appreciation is extended to the staff of these libraries and for the latter two, the granting of stack

privileges without which the coverage of rare journals could not have been accomplished within the time available.

In addition to personal funds, special grants have provided support for a portion of the compilation period, for a Bibliographic Assistant, and for hourly workers. These have included grants from the National Institutes of Health (PHS AI 05741, R01-3 FD-00177, and LM-02604 from the National Library of Medicine); Indiana University: Biomedical Grants from PHS RR 7031 (Indiana University Accounts: 46 246 07, 46 246 10 and 50 246 17).

It would have been impossible to assemble this publication without the competent aid of a number of assistants over the years. For example, Jean Weir, who, with her library training, helped solve many reference citation problems. Special gratitude is due Patricia A. Ross, who aided in the final checking of the card file among other duties, and who, with great skill, prepared the majority of the camera ready copy for these volumes. Finally, appreciation is expressed to my wife, who heard all too often on nights, weekends, and holidays "If needed, I'll be in the library," and who also, in the final months, aided with the filing and checking of the 250,000-300,000 cards in the original file. The author alone must take responsibility for errors in citations and for the indexing of all references. Regretably it has not been possible to locate the original publication or any secondary source listing of more than 200 references (mostly in Slavic or Oriental journals) included in the bibliographies of published articles used in the compilation of these volumes.

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INSTRUCTIONS TO USERS

The material available in the several parts of these two volumes of this publication is as follows: in Part I will be found, listed chronologically, all references for the years 1940 through 1969. Within each year the references are arranged alphabetically by senior author (and numbered in sequence) with complete cross references for each joint author. The previous policies were continued with regard to citations, abbreviations of journal titles, and reference to an indicated secondary source for those references unavailable in the original publication.

In Volume 5 (pp. 1-822) are to be found the SUBJECT INDEX SECTIONS according to the SUBJECT INDEX OUTLINE (pp. vii-xvi of Volume 1 and pp. v-xiv of Volume 5). Within each subject section the citations are arranged chronologically, and by number within each year; thus the complete reference for each entry may be traced quickly by reference to the appropriate year in Part I, Volumes 1-4.

For those unfamiliar with the previous publications in this series, attention should be directed to the following: the general SUBJECT INDEX OUTLINE (pp. vii-xvi of Volume 1 and pp. v-xiv of Volume 5) should be consulted as background for use of the SUBJECT INDEX SECTIONS (pp. 1-822 of Volume 5). An alphabetic INDEX (pp. 2821-2847 of Part I and pp. 823-849 of Volume 5) to the subject sections may be used by those unfamiliar with the scope of the SUBJECT INDEX OUTLINE.

The complete name of the journals cited by abbreviation in Part I may be found in the KEY TO ABBREVIATIONS USED IN THE JOURNAL CITATIONS (pp. xvii-cxlv of Volume 1). The WORLD LIST OF SCIENTIFIC PERIODICALS should be consulted for additional information for a particular title.

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