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BEHAVIORAL PERIODICITY:

I. Bibliography of Literature Pertaining to Human Beings

by

Michael Greenwood

and

Benjamin B. Weybrew

Bureau of Medicine and Surgery, Navy Department
Research Project MR005.14-2100-3.09

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BEHAVIORAL PERIODICITY: I. BIBLIOGRAPHY OF LITERATURE
PERTAINING TO HUMAN BEINGS

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Michael Greenwood, M.S.

and

Benjamin B. Weybrew, Ph.D.

U. S. NAVAL MEDICAL RESEARCH LABORATORY REPORT NO. 421

Bureau of Medicine and Surgery, Navy Department
Research Project MR005.14-2100-3.09

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SUMMARY PAGE

THE PROBLEM

To compile a bibliography of research in the area of behavioral periodicity as it pertains to human beings.

FINDINGS

A bibliography containing 405 entries was compiled and indexed. It is the first of a projected series of three—Number Two will concern animal subjects, and Number Three will be more physiologically and less behaviorally oriented, dealing with both human and infrahuman experimentation.

APPLICATIONS

This bibliography will be a reference source for the use of research personnel interested in cyclical patterns of physiological processes and behavior.

ADMINISTRATIVE INFORMATION

This bibliographic compilation was completed as a part of Bureau of Medicine and Surgery's Research Project MR005.14-2100-3 (Stress and Fatigue Research). It has been designated as Report No. 9 on the indicated Subtask and was approved for publication on 8 January 1964.

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PREFACE

This bibliography has resulted from a survey of the literature pertaining to behavioral periodicity in human beings. It is the first in a projected series of three. Bibliography number two will pertain to behavioral periodicity in infrahuman subjects, while bibliography number three will be more physiologically and less behaviorally oriented, dealing with both human and infrahuman experimentation.

In a sense, the compilation of a bibliography in a given scientific area constitutes a projective test for the compilers, who must make the decision whether or not to include each reference. It is not denied therefore that in perusing and selecting entries from the now voluminous literature pertaining to cyclical tendencies of biological processes, the compilers exercised the bias that behavioral variations over time (cyclic or otherwise) made up the most important class of variables in this area.

Although this bibliography does include a number of entries published in a foreign language, no systematic survey of the foreign journals has been attempted. Because of the large number of references to rhythm as it pertains to music, phonetics, and the like, this general area has with but a few exceptions been excluded.

All references are listed alphabetically by author. However, for the convenience of selecting references by subject matter, the bibliography is cross-referenced by number. In that the compilers have not had the opportunity to read all references included herein, the cross referencing and categorization by subject matter may be inaccurate in several instances; it is meant only as a rough guide.

Since this is the first version of the bibliography, it is more than likely that a number of pertinent entries have been overlooked. In order that this bibliography be as useful a tool as possible to all who are interested in this area, notification of pertinent omissions and new articles would be greatly appreciated.

Appendix A of this report, lists several related bibliographies which hopefully will give more complete coverage of any area sparsely covered herein.

Note: This bibliography was somewhat delayed in processing and publication. Additional references accumulated during the past several months will be made a part of a subsequent issue.

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|--|---|
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*It is to be noted that the subject matter headings in the cross index are alphabetized, each heading being preceded by a number in parenthesis, the Index Number. Following the entries in the bibliography proper (See page 1) will be found single or multiple index numbers from which the user by referring back to the cross index can locate the entries pertaining to the same subject. The numbers not in parenthesis following each cross index heading refer to individual entries (on the same subject) in bibliographical compilation, which begins on page 1.

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APPENDIX A

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