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PREFACE

DURING the thirteen years which have elapsed since the issue, in 1894, of the last Catalogue of the Library of the Institute of Actuaries, the additions have been so numerous, and of so varied a character, that the Catalogue has become practically obsolete. The Council of the Institute therefore instructed the Library Committee to prepare a complete Catalogue, conveniently classified, of the whole of the contents of the Library as at 30th September, 1906, based upon a thorough examination and revision of the volumes, treatises, and periodical literature, included in the Library at that date.

The formation and maintenance of a Library was, from the foundation of the Institute, regarded as an important branch of its work, and generous donors have, by gifts during their lifetime, or by bequest, made many valuable contributions to its shelves. The Royal Charter of July 1884 refers to the Library as one of the objects to be promoted by the Council, who have ever made it their business to consider, and adopt, where practicable, suggestions for its increased usefulness ; and its welfare has been (since 1889) the constant and assiduous care of Honorary Librarians appointed for the purpose.

The scope of the Library may be stated as extending over all matters relative or cognate to the subject of Life Assurance and Annuities, and bearing directly or indirectly on the study and practice of those engaged or interested in matters having relation to the duration of human life. It includes, therefore, in

addition to theoretical treatises on such subjects as Arithmetic, Pure and Applied Mathematics, Probabilities, Compound Interest, Life Contingencies, Mortality and Sickness Tables, and Reversions, works on Accountancy, Finance and Banking, Political Economy, Vital Statistics, certain branches of Law and Medicine, and volumes relating to the Constitution, Organization, Reports and Accounts of Companies for Life, Accident or Employers' Liability Insurance. On these several subjects, all works likely to be useful to the Actuary, or to those training for actuarial pursuits, have as far as possible been included; as have also those volumes which, although now largely or entirely superseded by more modern treatises, have an important historical and literary interest, as representing the tools and equipment of the Actuary of past years. Contributions by Foreign writers, on subjects related to our work, as well as the official records of State Departments, and the statistics and experience of Assurance and Annuity Companies and Pension Funds, at home and abroad, are also included.

The scheme of the present Catalogue has been based upon that adopted in 1894, which has been found admirably to serve the desired purpose. It proceeded on the system (now generally adopted in catalogues of Public and other Libraries) of a single Alphabetical arrangement, in which the main subjects of reference, whether authors or titles, are distinguished by a heavier type, with numerous subsidiary and cross references, printed in a lighter type. Whilst every care has been taken (without unduly overburdening the Catalogue) to include in these secondary references all topics likely to be sought for by those using the Library, it is quite inevitable that some errors will have crept in, and that, by omission or otherwise, the Catalogue may not be altogether free from liability to criticism. It is confidently hoped, however, that the facilities provided by a Catalogue thoroughly revised, and brought up to a recent date, may encourage Members to

make more use of the Library, which has been provided and is maintained for their benefit.

In the process of revision of the contents of the Library, opportunity has been taken to set apart in a separate category certain volumes which from their size and date of publication, or from the nature of their contents, are considered unsuitable for circulation. Such volumes are marked [**R**] in the present Catalogue, and may be consulted by Members in the Hall of the Institute.

The practice of publishing, in the *Journal of the Institute of Actuaries*, a List of Additions to the Library made during the preceding year, will be continued. In order, however, to avoid the inconvenience of reference to successive volumes of the *Journal*, the Council have decided to issue to the Members separate reprints of the Annual Lists of Additions published in 1907 and future years. These reprints can be placed in the receptacle provided for that purpose, attached to the cover of the present Catalogue. Blank pages are also provided for the record of additions, or of other notes.

A complete Card Index to the Library, including all current additions, is available in the Hall of the Institute for reference by Members; also a Card Index to the contents of the *Journal* of the Institute, complete from the commencement up to the last published number.

The Council and the Library Committee will gladly welcome contributions of volumes, not at present included on its shelves, whether they are of historical interest or for present practical or theoretical use, provided they fall within the scope and purposes of the Library. Additional copies of works in frequent demand, already in the Library, will also be most acceptable. The value and extent of the Library have been greatly increased in the past by gifts from Companies and individuals, who are often the possessors of old publications, of little value to them, but which

would be prized by the Institute ; and there are doubtless others who will be willing to continue to serve the Institute, and the whole of its Members, by such acceptable gifts or bequests.

Any inaccuracies or omissions noted in the Catalogue now issued should be communicated to the Assistant Secretary ; and suggestions for the improved usefulness and efficiency of the Library, by directing attention to volumes of recent issue or otherwise, will be gladly welcomed by the Honorary Librarians, or by the Library Committee.

THOMAS G. ACKLAND,

Chairman of the Library Committee.

GEOFFREY MARKS,

H. W. ANDRAS,

Hon. Librarians

May 1907.

NOTES

(1) Contributions to the *Journal of the Institute of Actuaries* are not entered in this work, but are set out in the Index to the first forty volumes of the *Journal* (separately published), and in the complete Card Index, available for Members in the Hall of the Institute. Contributions to the Transactions of other Actuarial and Insurance Institutes are not entered in full under the name of the Society, but are given under each author's name, and references are further made under the subjects.

(2) Where Reports or Investigations have been made by actuaries or others in connection with a Company, the main entry is made under the author's name, and a reference is given under the name of the Company.

(3) The main entries and full descriptions of Government Publications have been gathered together under the one general heading "PARLIAMENTARY PAPERS," references thereto being made under the authors' names, where stated. A brief perusal of the entries on pp. 172-192 will show the arrangement of the sub-headings. Several American Official Publications will be found under the heading "UNITED STATES OF AMERICA."

(4) The subject-entries, as will be seen by the following summary of the more important headings, are as broad and inclusive as possible; *e. g.*, with the exception of "ARITHMETIC," all "MATHEMATICS" are included under that heading, cross-references being made thereto from *Algebra*, *Probabilities*, etc. In the sub-heading "*Logarithms*" under "MATHEMATICS," the number of figures to which the Tables are calculated has been given.

(5) "FINANCE."—Under this heading are placed works on *Banking*, *Currency*, *Decimal System*, *Exchange*, *Investments*, and *Money*; while "POLITICAL ECONOMY" includes *Industry* and *Commerce*, *Population Theories*, and *Taxation*.

(6) "INSURANCE."—Under this heading are placed certain works which treat of Insurance generally. There remain the numerous works on Life Assurance and Annuities, and these have been divided into (1) general and practical treatises indexed under "LIFE ASSURANCE," and (2) theoretical works on Annuities and Assurance and allied subjects, which are indexed under "LIFE CONTINGENCIES." As much sub-classification has then been employed as was thought likely to be of service.

(7) "INTEREST AND ANNUITIES-CERTAIN."—Works on these subjects are here brought together, and a list of authors of all Compound Interest Tables is given.

(8) "LAW AND LEGISLATION."—Under this heading will be found classified references to all the legal works included as well as to suggestions for altering the law.

(9) "MORTALITY," "MORTALITY EXPERIENCE."—The cross-references here gathered together cover contributions to general or sectional mortality experience, in addition to the well-known Mortality Tables. Here are also sub-headings collecting the experiences of classes of the community and the experiences of individual offices. It has been in some cases difficult to differentiate between this heading and "LIFE CONTINGENCIES."

(10) "TABLES."—A complete list of all the actuarial and other Tables in the Library will not be found under this heading, but cross-references are here made to the subjects to which the various books of Tables belong, and under which they are placed.

(11) "VITAL STATISTICS."—This subject is difficult to separate from "LIFE CONTINGENCIES" and "MORTALITY EXPERIENCE"; but, without endeavouring to exhaust the subject, references are here made to a certain number of works which fall better under this heading than under the others named.

(12) Where no place of publication is stated, London is to be understood.

(13) Where several works by the same author are included, they have been arranged, as far as possible, in chronological order.

(14) Works intended rather for occasional reference than for perusal (including Encyclopædias, Dictionaries, Tables, Reports, MS. contributions, obsolete works, and a few duplicates of other books) are set apart in the Reference section of the Library, and marked [R] in the Catalogue. Such works may be referred to by Members in the Hall of the Institute.

RULES

FOR THE

REGULATION OF THE LIBRARY

1. The Library is open daily, from Ten to Five o'clock from 1st May to 30th September, and from Ten to Six o'clock from 1st October to 30th April, except on Saturdays, when it is open from Ten to Two o'clock.

2. Members of the Institute are permitted to take out Two books on making application in person, or by letter addressed to the Assistant Secretary; but no Member may keep any work longer than a Fortnight. If a book be retained beyond that period, the borrower shall pay a fine of One Shilling per volume for each week, or part of a week, during which it is so retained, and shall not be permitted to obtain another from the Library until the missing book has been returned and the fine paid. When a book is returned by a Member, it can be borrowed by him again, provided it has not been bespoken in the meantime by another Member.

3. Scientific Journals and Periodicals are not Circulated until the volumes are completed and bound.

4. Encyclopædias and works of reference and certain other volumes marked [R] in the Catalogue are not circulated, but may be referred to in the Hall of the Institute.

5. For the convenience of Members, a Card Index to the contents of the Library, including all additions, is available for reference; also a Card Index of the contents of the *Journal* of the Institute, from the commencement up to the last published number.

6. Any Member damaging, or losing, a work must pay an amount to be fixed by the Council as the equivalent of the damage or loss sustained.

7. Works taken from the shelves for reference are not to be replaced, but must be laid on the Library table.

8. A list of any defaulters shall be submitted monthly at each meeting of the Council.

9. It is hoped that, where practicable, Members who are in possession of volumes which will be suitable for inclusion in the Library will arrange for the bequest of such volumes to the Institute, and especially when it is desired to find a proper abiding-place for documents of a confidential nature, or others unsuitable for general circulation.

By Order of the Council,

S. G. WARNER,
J. E. FAULKS,

Hon. Secretaries.

May 1907.

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- Abercrombie (W.)** Calendar from 1752 till 2200, and Interest Table calculated at 1 per cent. La. 8vo. *Paisley* 1870
- Aberdeen Mutual Assurance and Friendly Society**, Constitution and Laws, 1832.—*Tracts*, vol. 25.
Report on Affairs at October 1846, by A. Yeats.—*Tracts*, vol. 25.
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- ACCIDENT INSURANCE (Law). See *Crawley (C.)*—Porter (J. B.)
- ACCIDENT INSURANCE, by Henry Brown. 1896
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- Mortality Experience of Life Assurance Companies, collected by the Institute. 8vo. 1869
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- Logarithms and Anti-Logarithms, four figure card. 4to. 1877
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- See also* Bégault (Am.)—Lazarus (W.)
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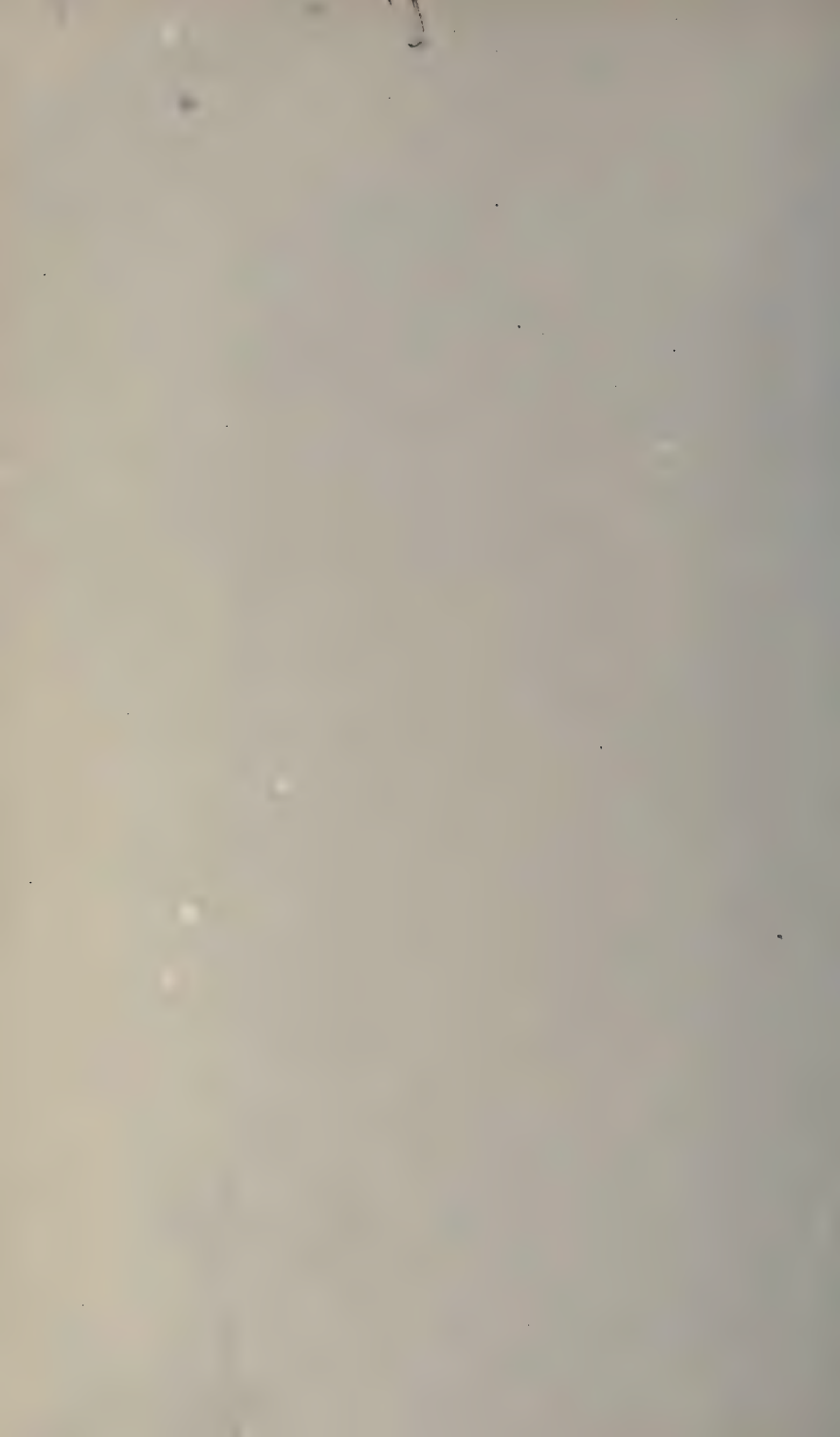
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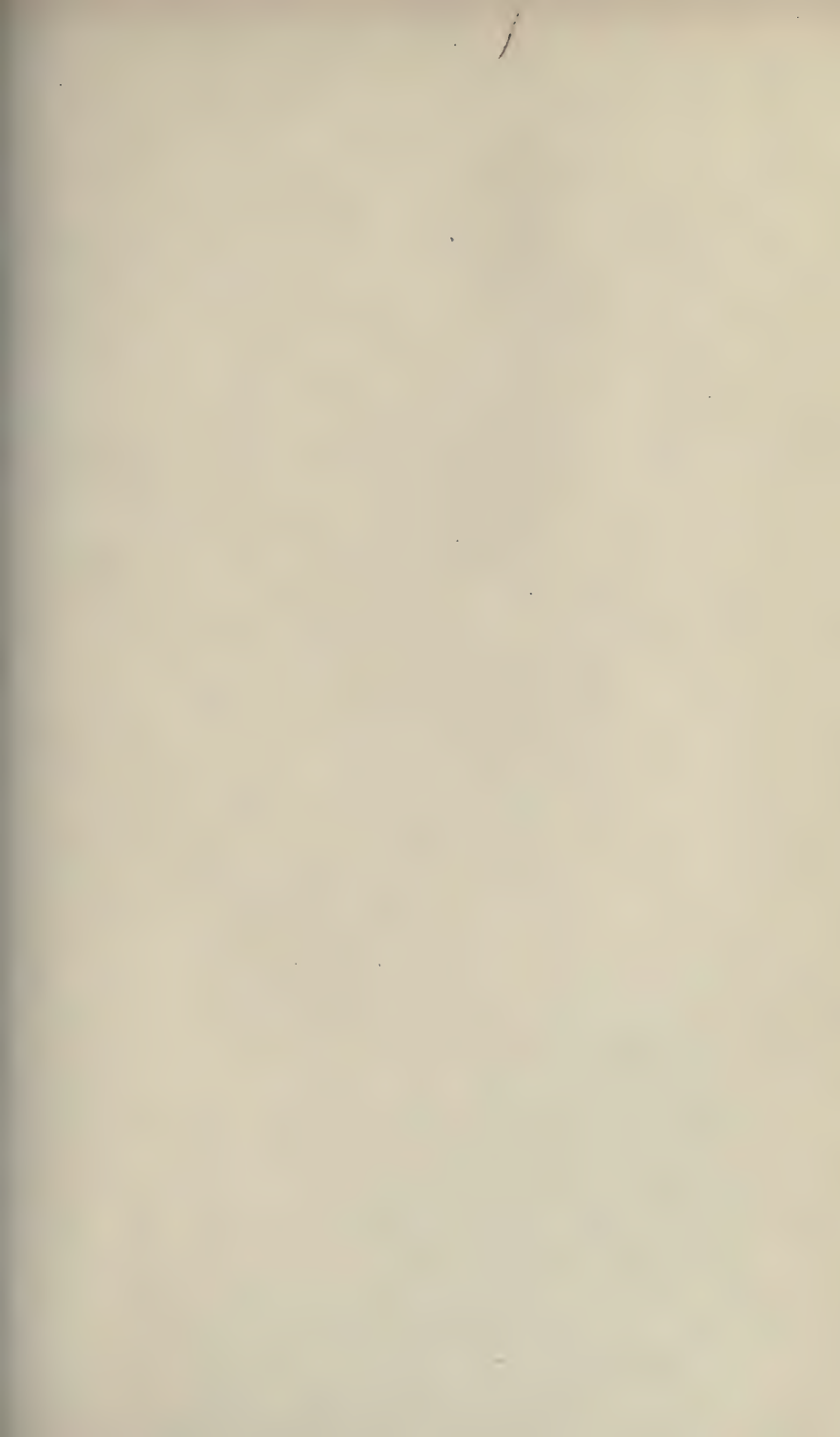
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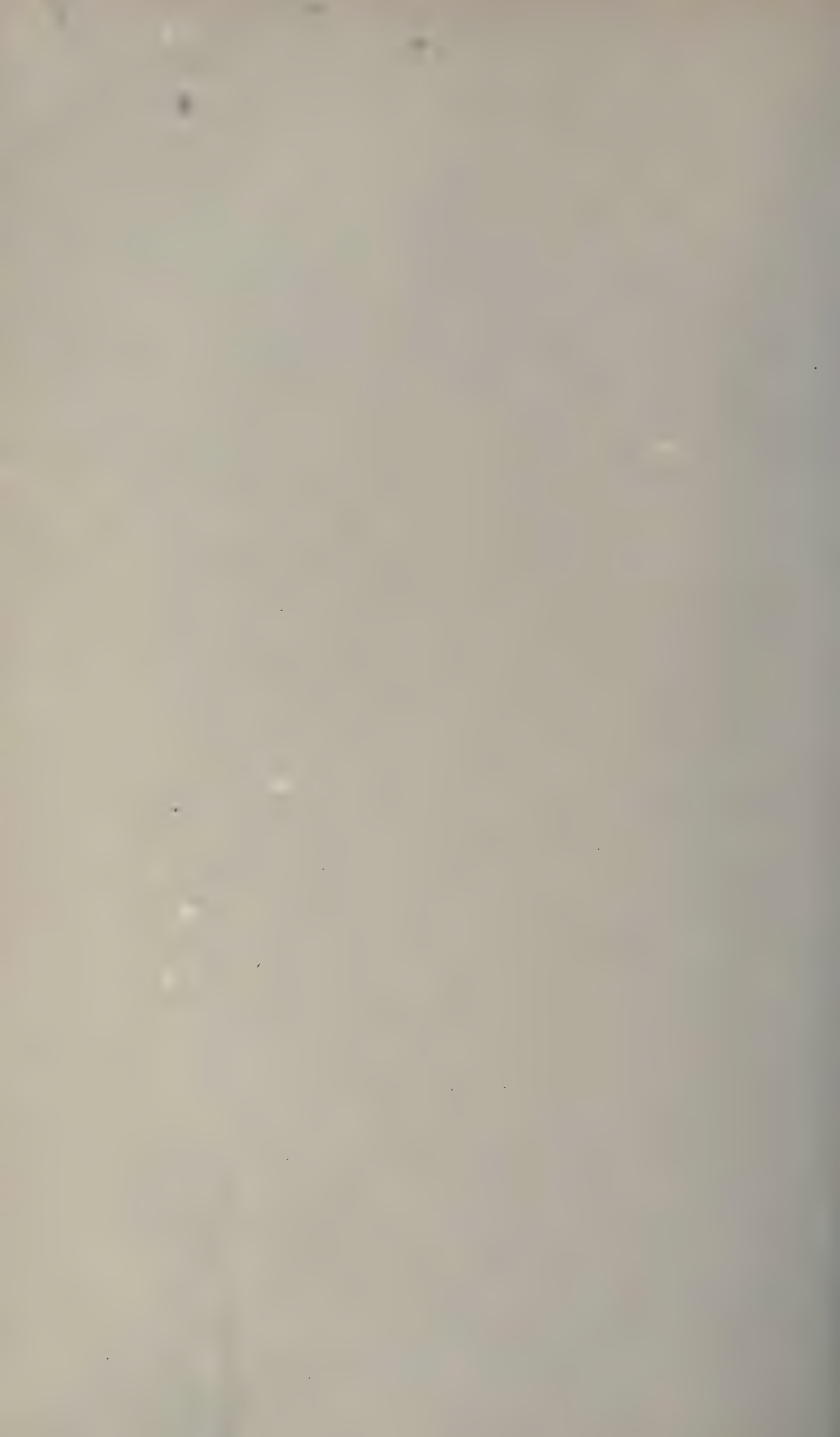








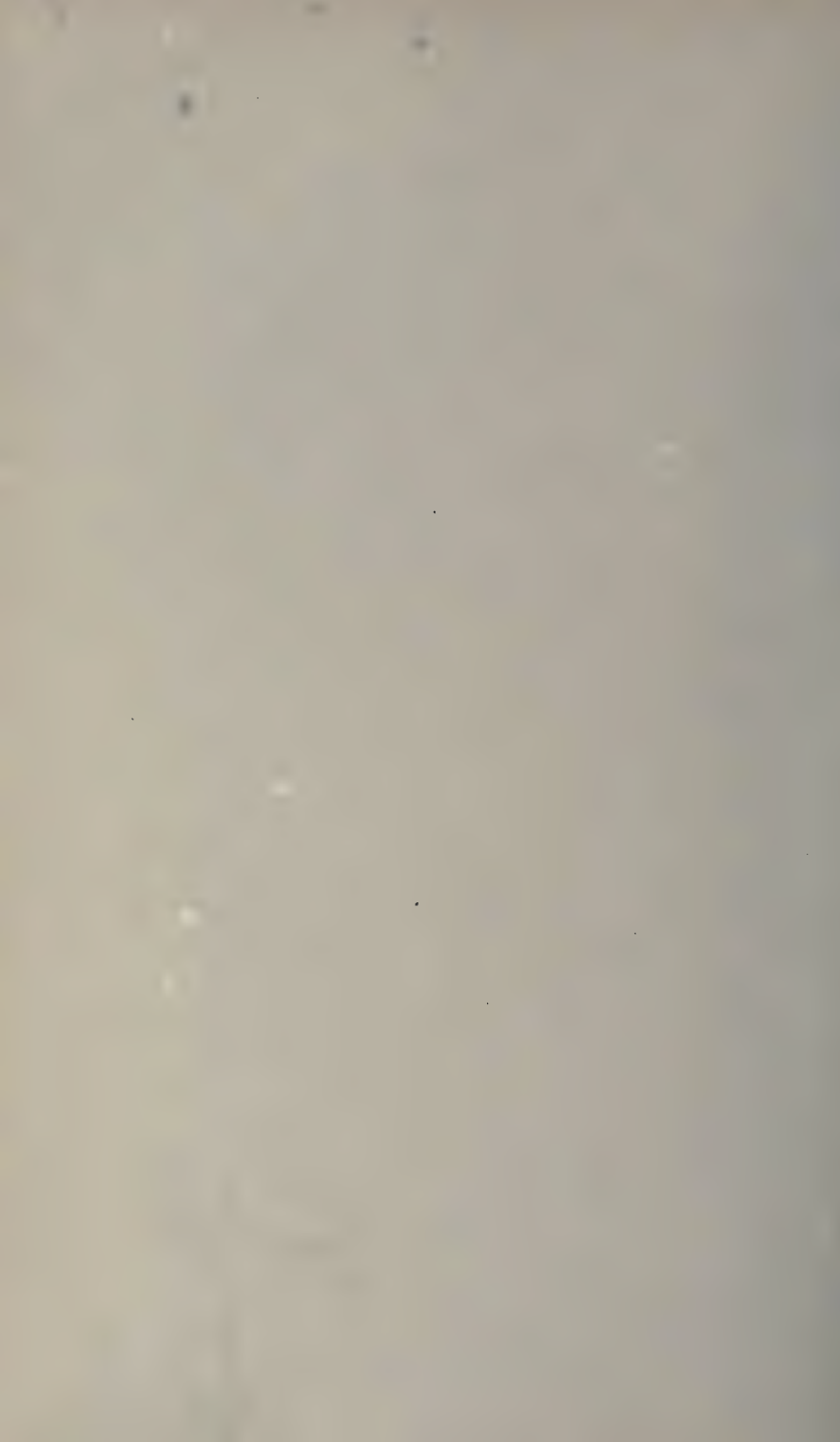


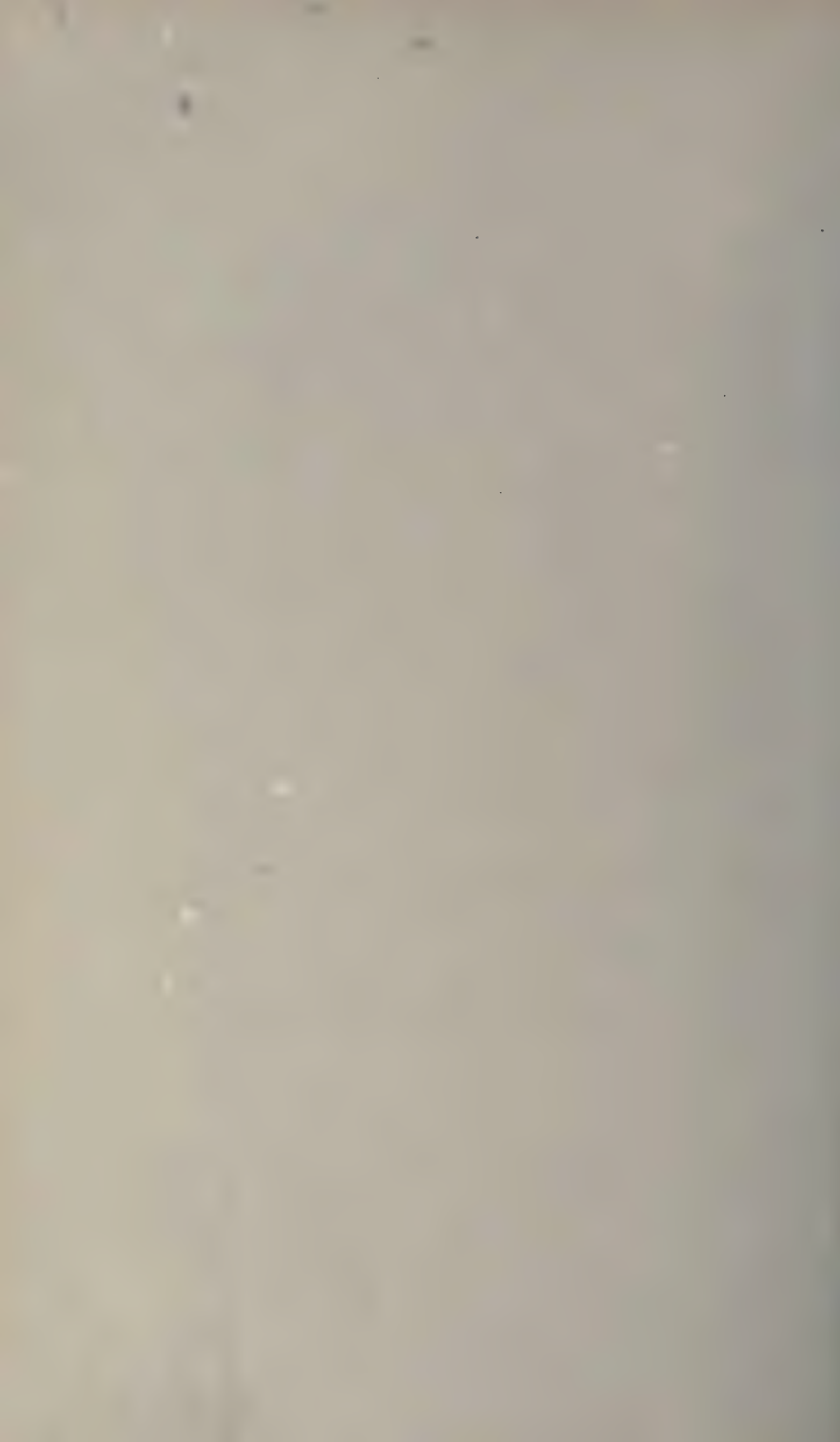










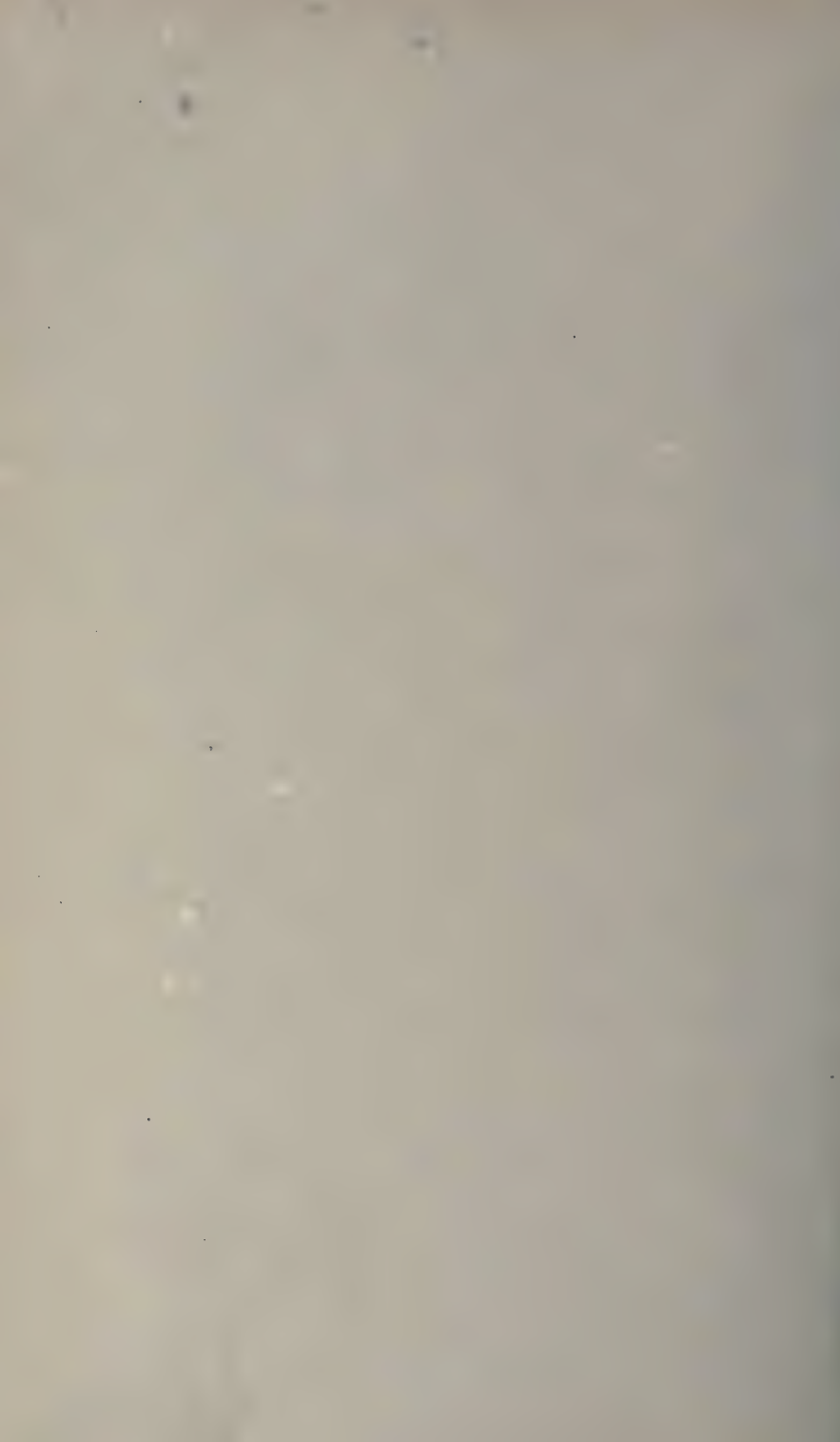


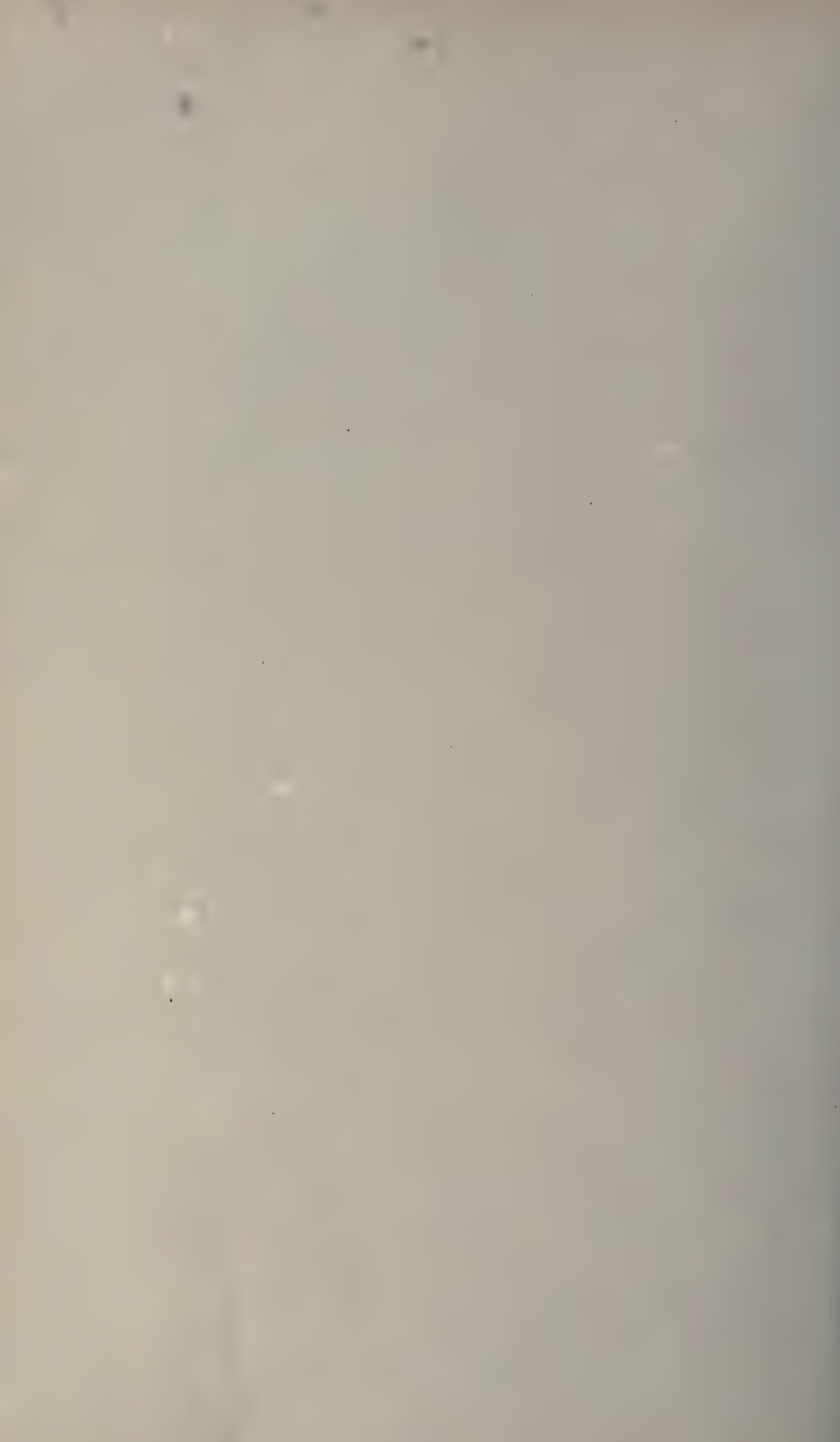




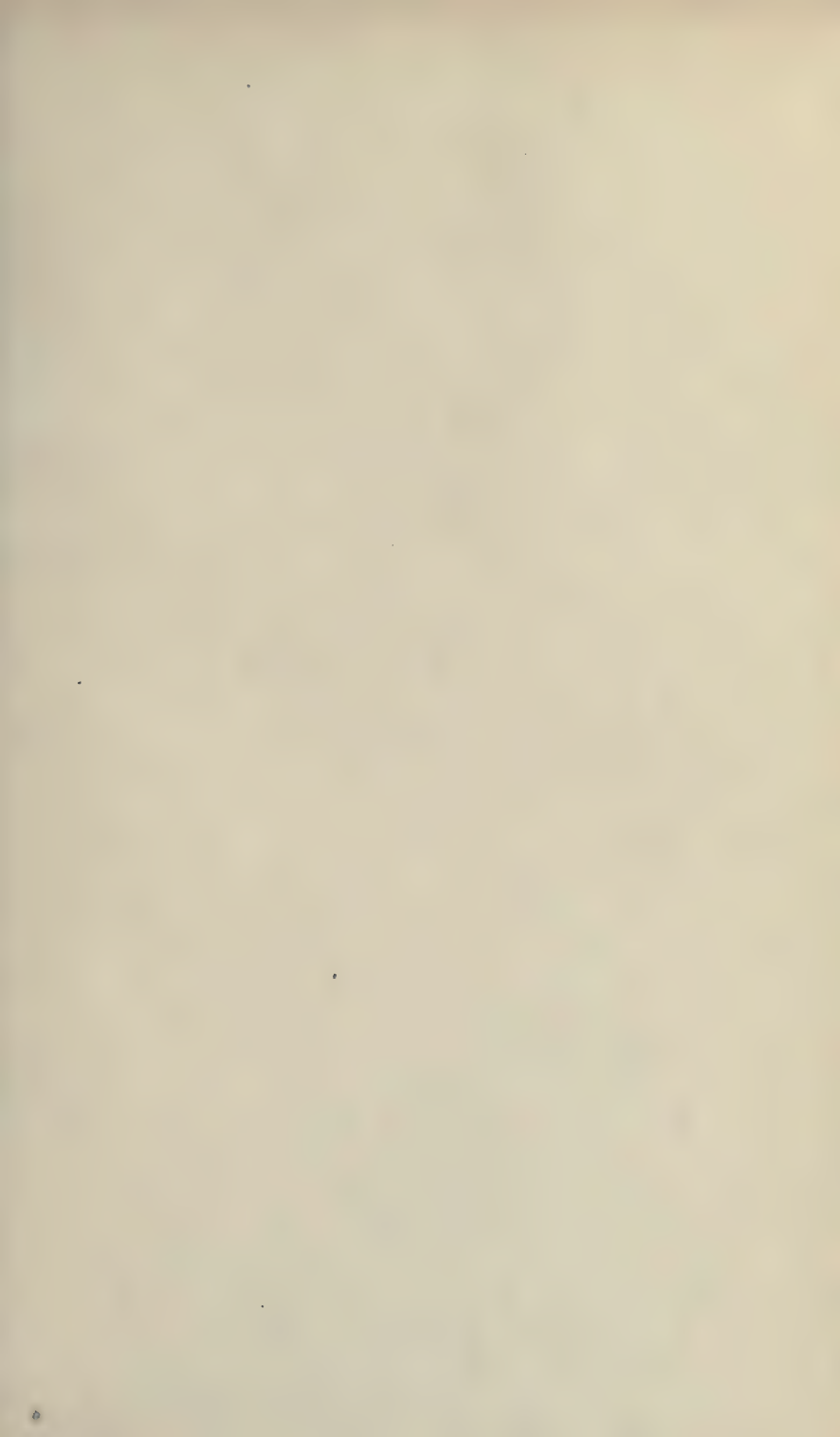


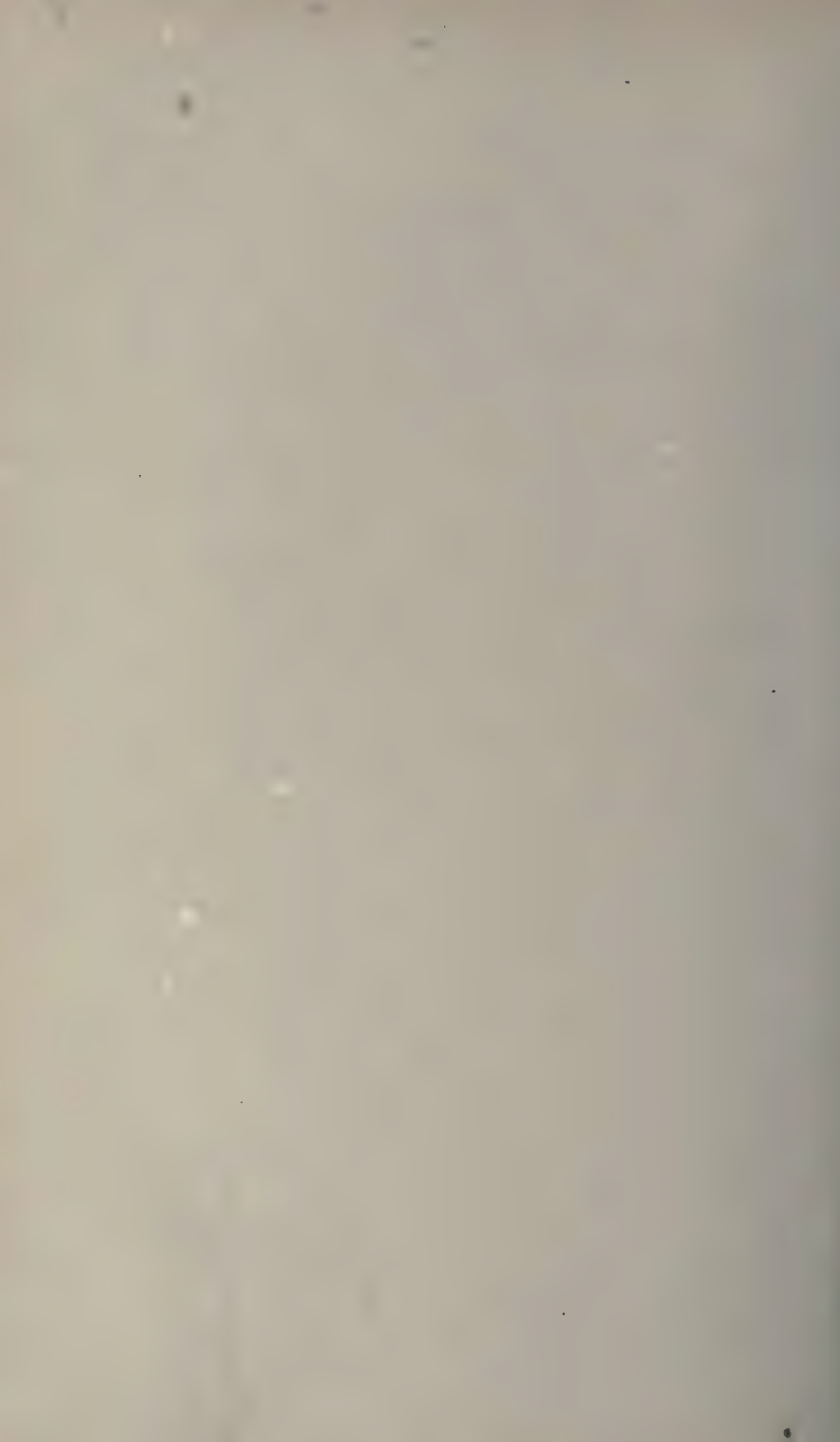


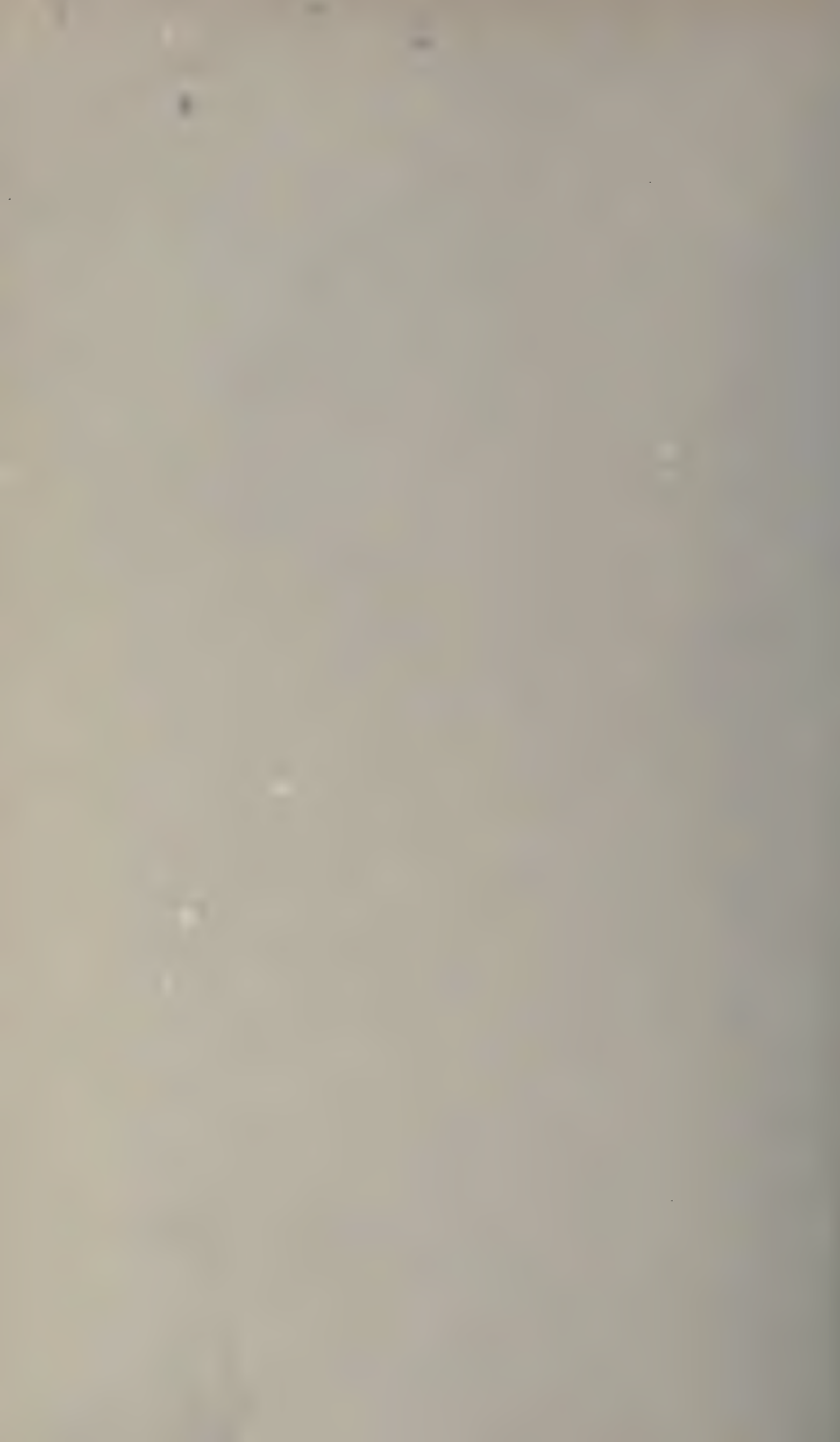




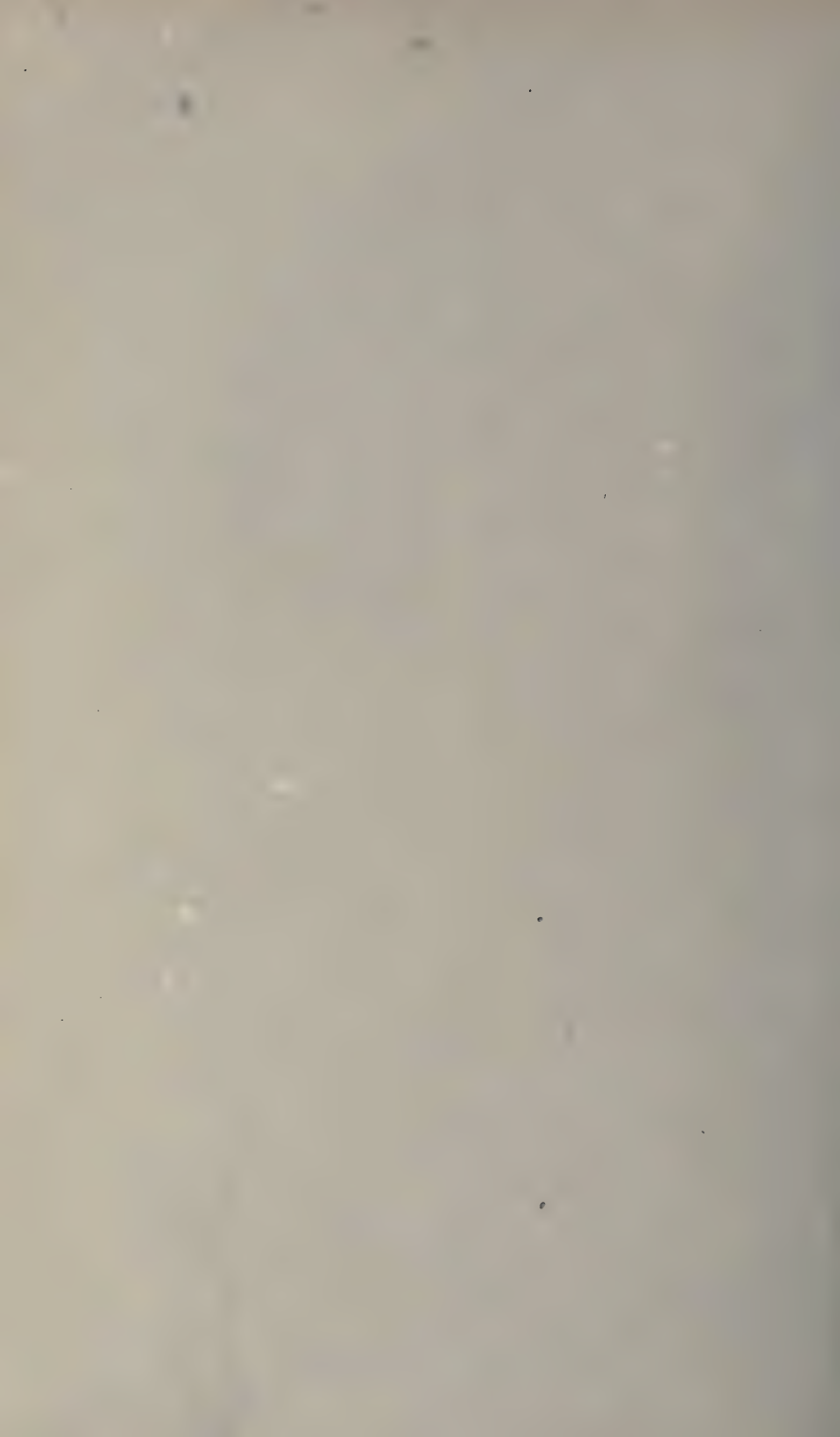






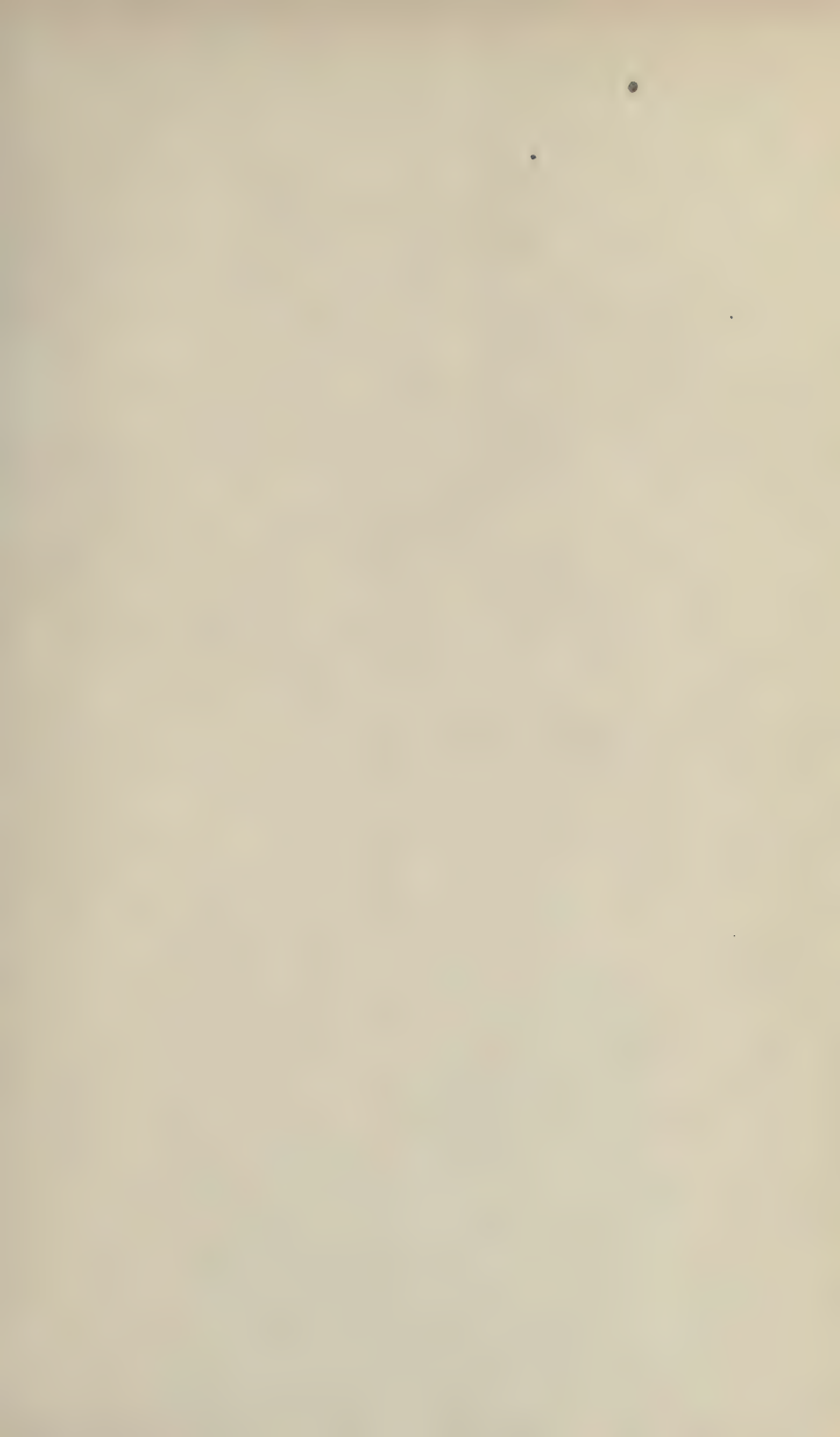




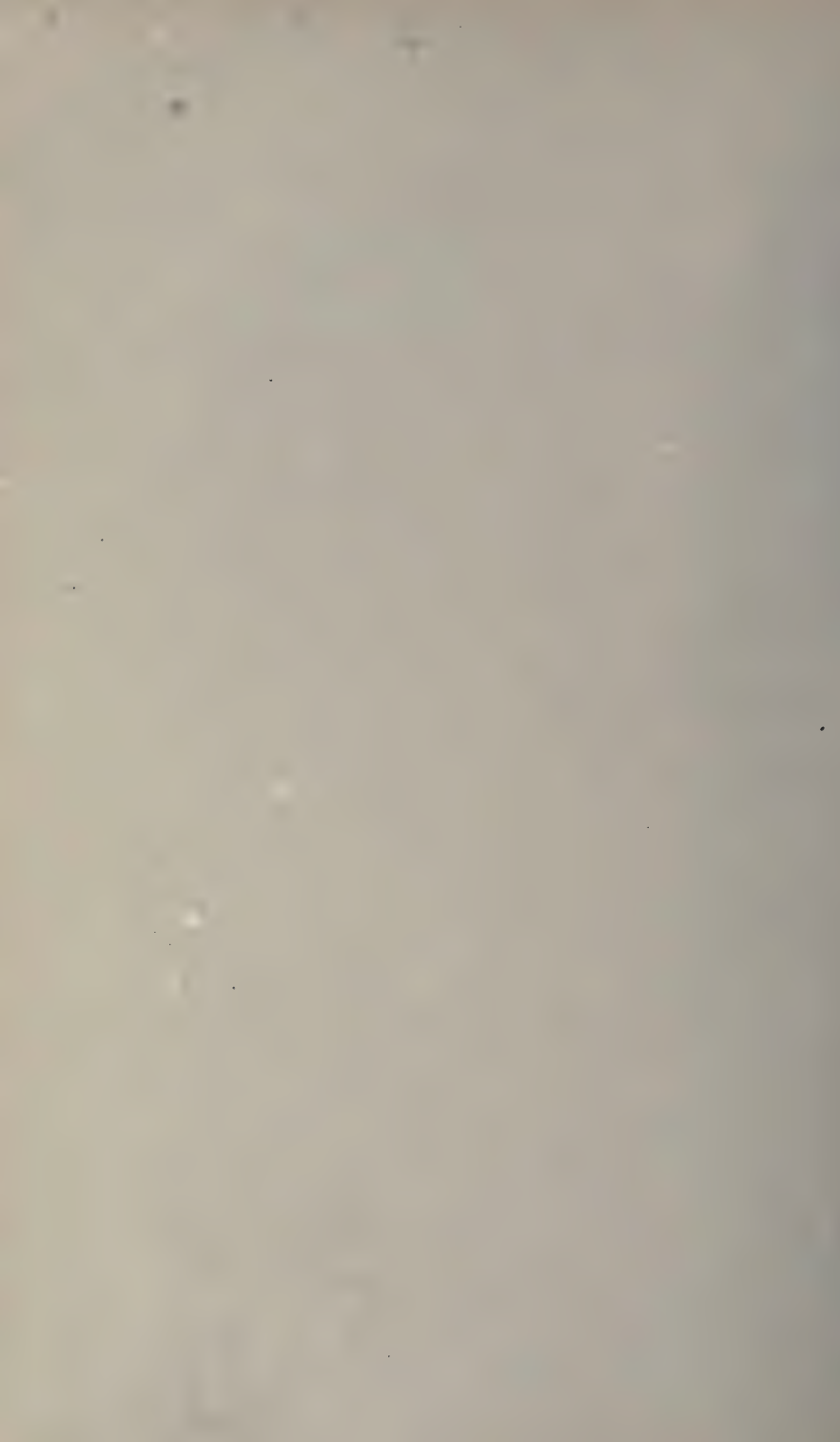


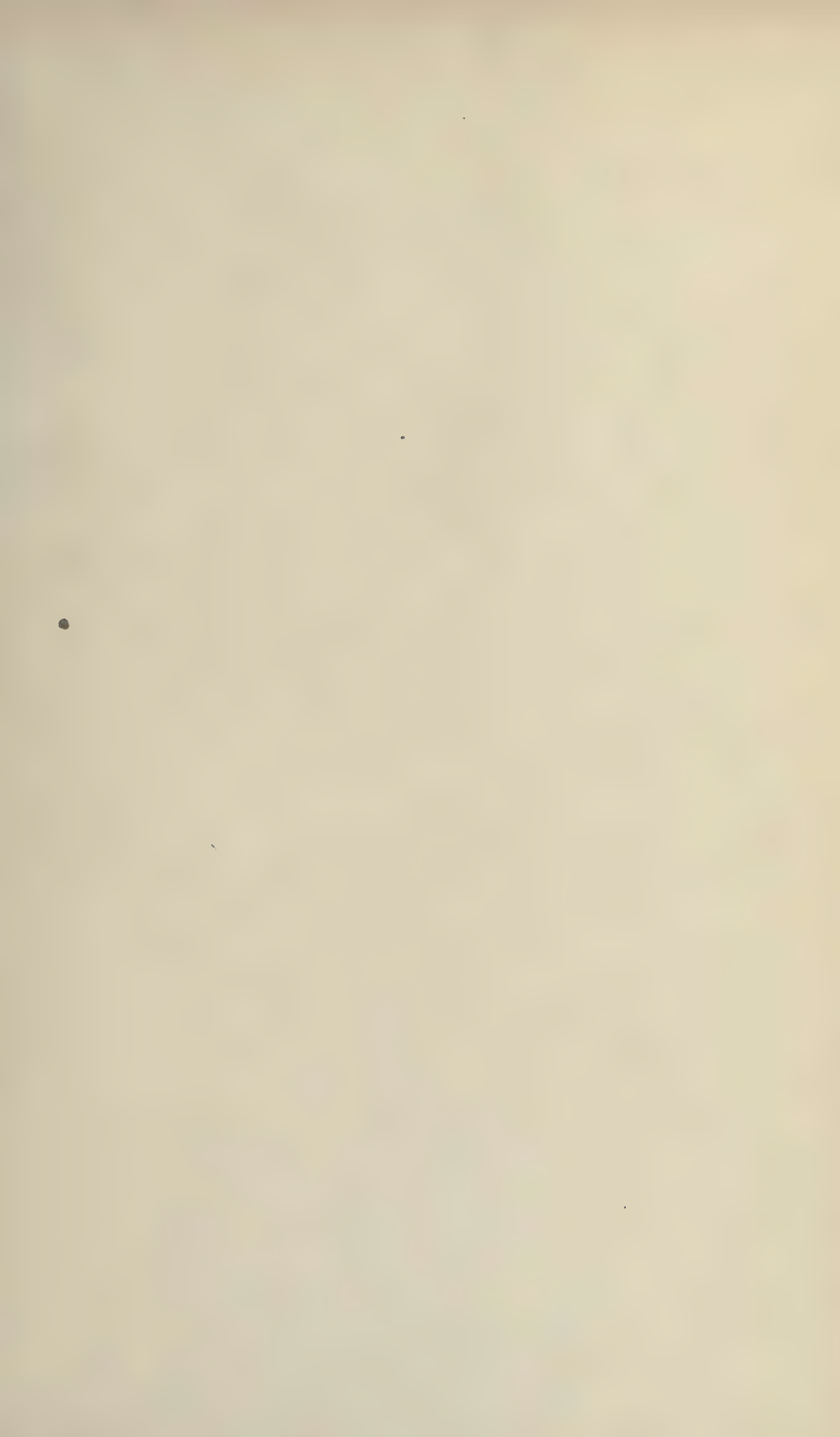




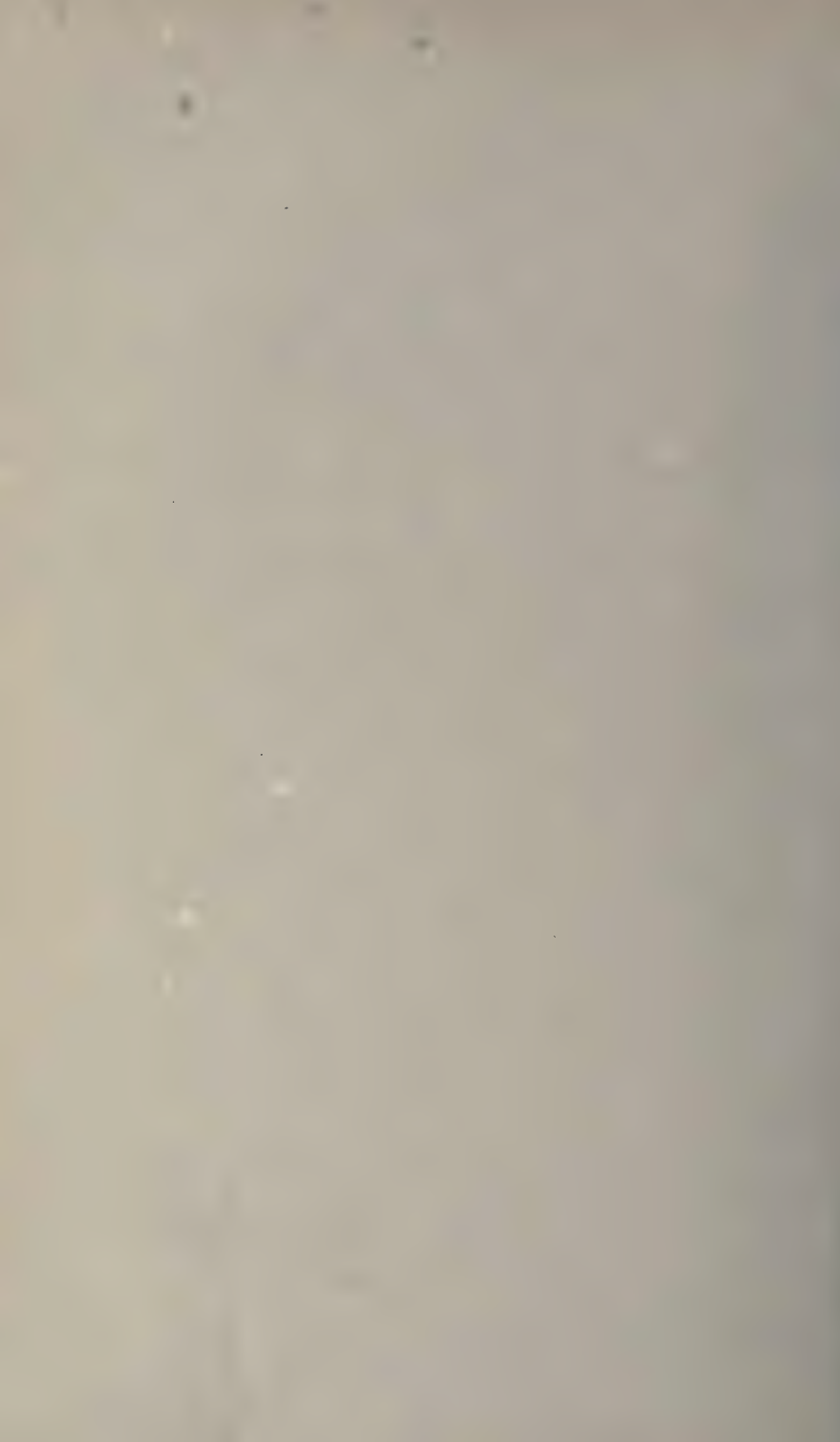


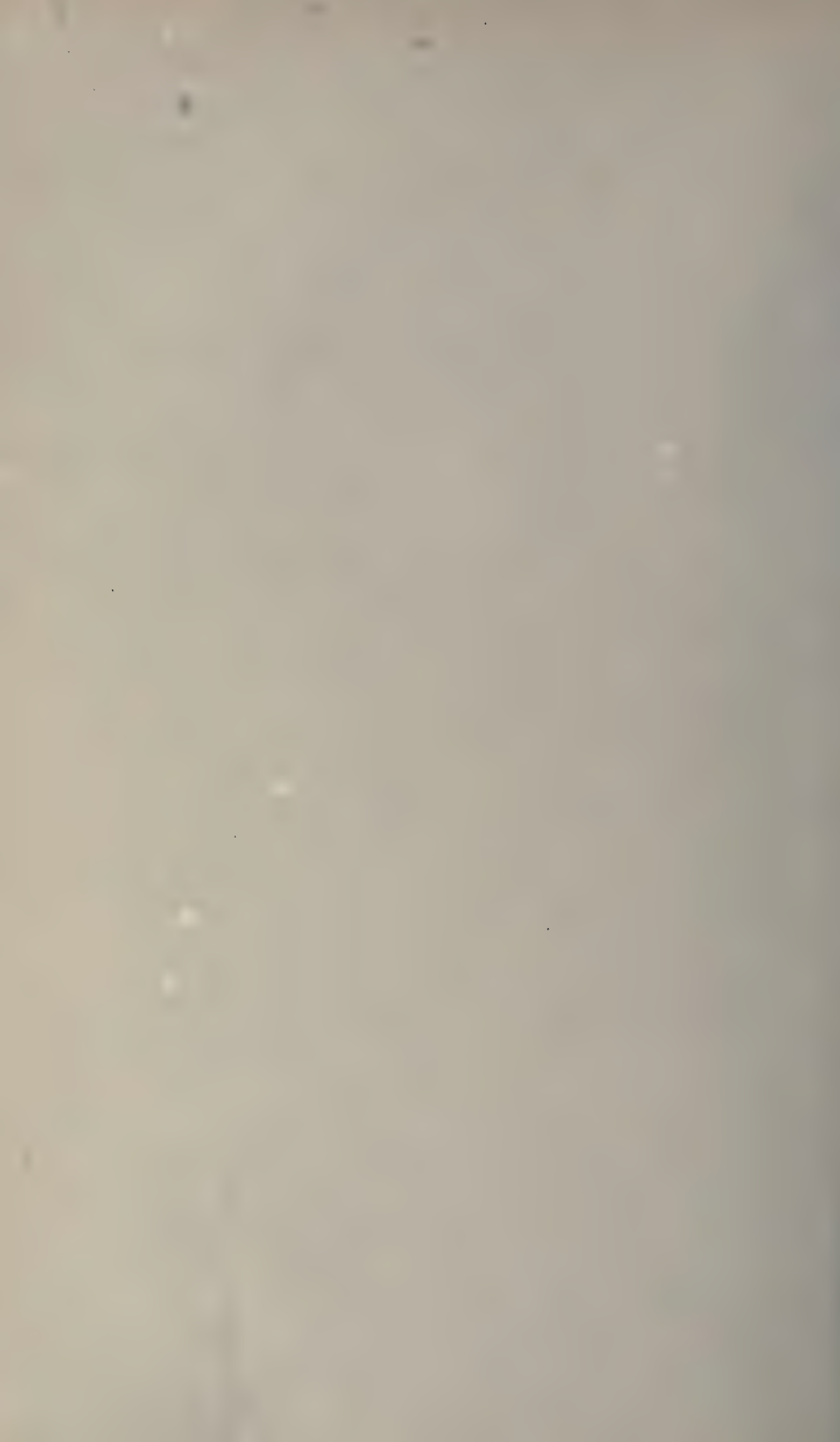


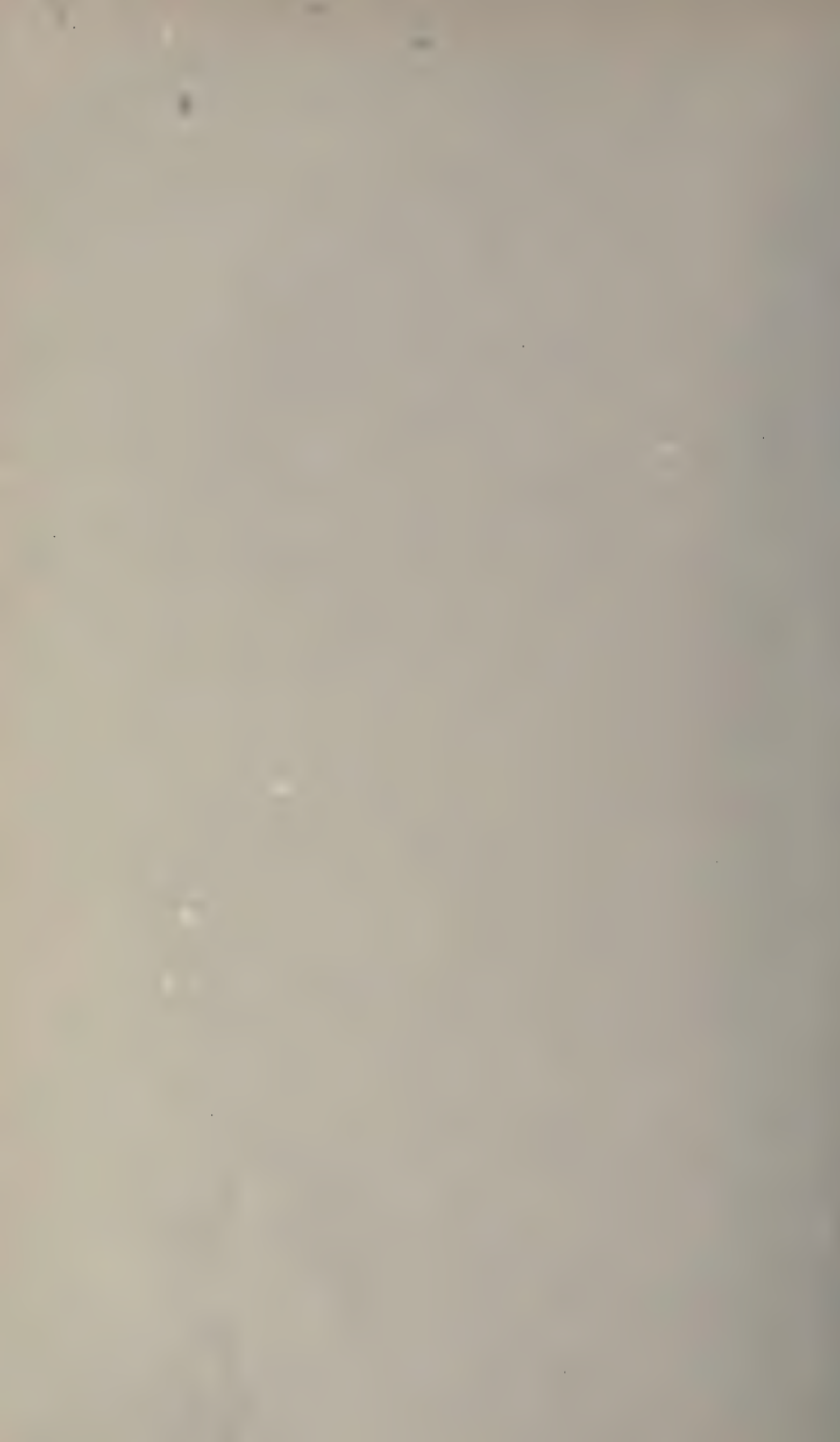




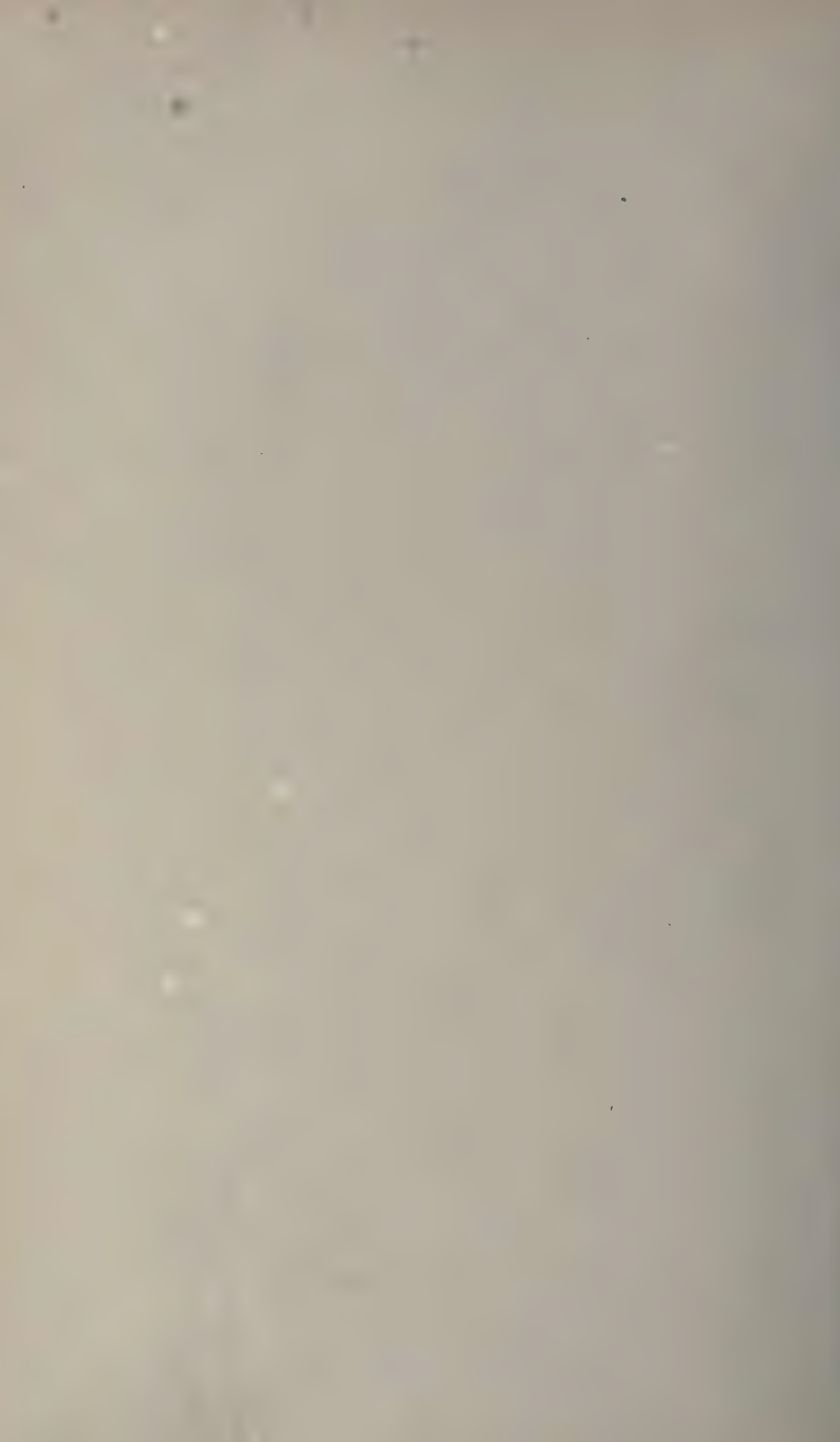












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