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Dewey, Melvil

**Decimal classification
Standard (15th) Edition**

Lake Placid Club, N.Y.

[1951]

BIBLIOGRAPHIC RECORD TARGET

OCLC: 574645 Rec stat: c
Entered: 19730308 Replaced: 19980607 Used: 19980727
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BLvl: m Form: Conf: 0 Biog: MRec: Ctry: nyu
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Desc: Ills: Fest: 0 DtSt: s Dates: 1951, ¶
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▶ 2 040 DLC #c WSU #d OCL #d UBA ¶
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▶ 4 082 025.4 ¶
▶ 5 090 #b ¶
▶ 6 049 PR1A ¶
▶ 7 100 1 Dewey, Melvil, #d 1851-1931. ¶
▶ 8 245 10 Decimal classification. ¶
▶ 9 250 Standard (15th) ed. ¶
▶ 10 260 Lake Placid Club, N.Y., #b Forest Press #c [1951] ¶
▶ 11 300 lv, 661 p. #c 27 cm. ¶
▶ 12 650 0 Classification, Decimal. ¶
▶ 13 650 7 Representacao Tematica (Classificacao) #2 larpcal ¶
▶ 14 650 7 Biblioteconomia (Geral) #2 larpcal ¶

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Dewey Decimal Classification 1876-1979

Reel No.

Edition/Year

| | |
|-----------|--|
| 6 | 13th ed. (1932) - v. 1 Tables, v. 2 Index |
| 7 | 14th ed. (1942) - v. 1 Tables, v. 2 Index |
| 8 | 15th ed. (1951) - Standard (15th) Edition |
| 9 | 16th ed. (1958) - v. 1 Tables |
| 10 | 16th ed. (1958) - v. 2 Index |

GUIDE TO CONTENTS

Dewey Decimal Classification 1876-1979

| <u>Reel No.</u> | <u>Edition/Year</u> |
|-----------------|--|
| 11 | 17th ed. (1965) - v.1 Tables, v. 2 Index |
| 12 | 18th ed. (1971) - v. 1 Introduction/Tables v. 2 Schedules |
| 13 | 18th ed. (1971) - v. 3 Index |
| 14 | 19th ed. (1979) - v. 1 Introduction/Tables v. 2 Schedules |
| 15 | 19th ed. (1979) - v. 3 Index |

REEL

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15th ed. (1951)

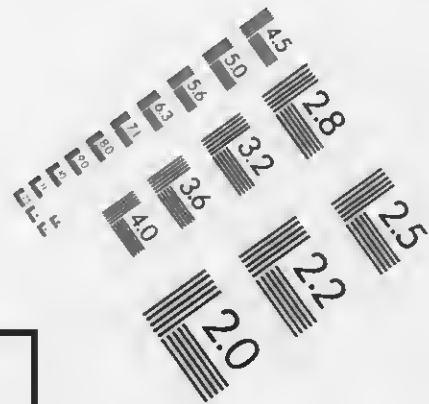
Standard (15th) Edition

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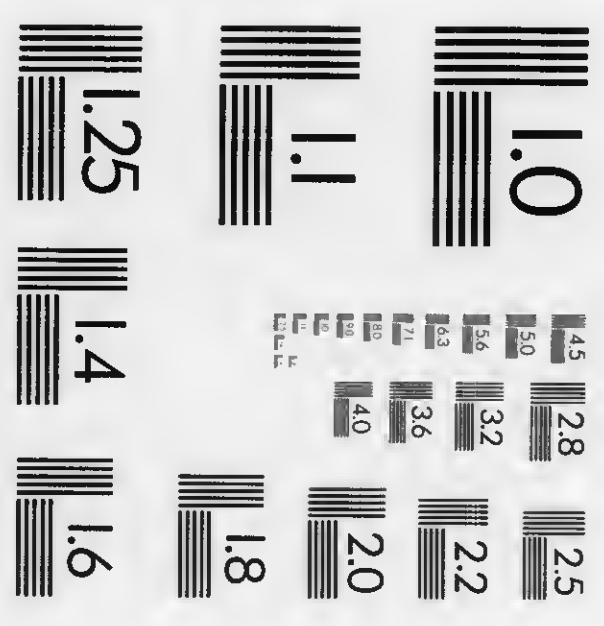


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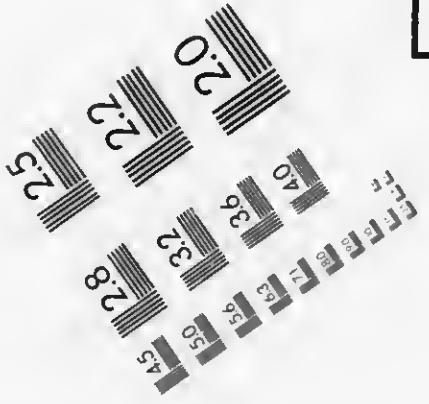
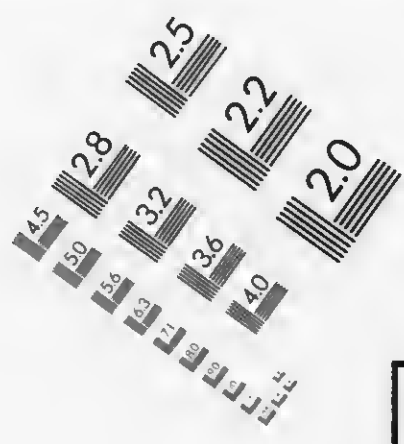
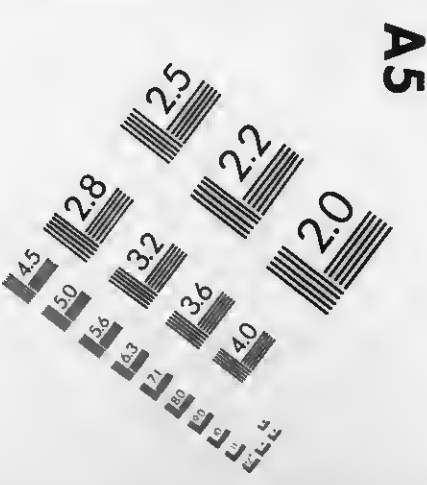
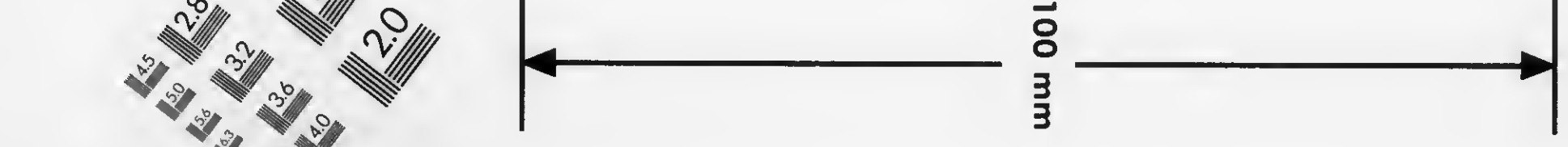
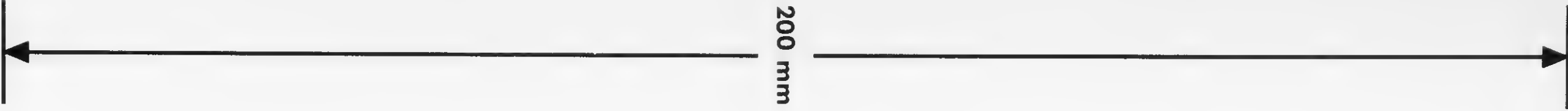


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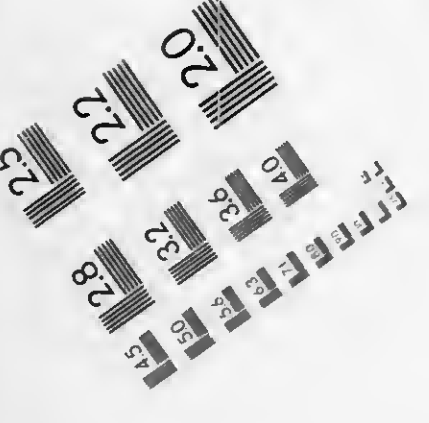
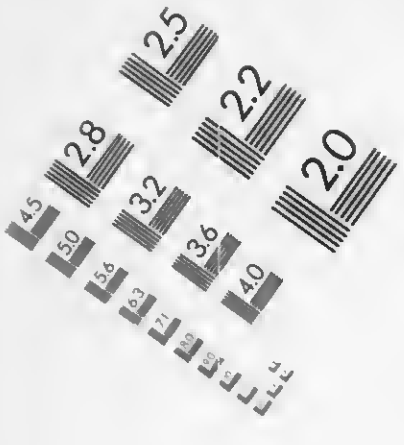
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Decimal Classification

DECIMAL
CLASSIFICATION

Devised by

MELVIL DEWEY

STANDARD (15TH) EDITION



FOREST PRESS INC

LAKE PLACID CLUB

NEW YORK

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MELVIL DEWEY
1876, 1885, 1911, 1913, 1915, 1919
LIBRARY BUREAU
1888, 1891, 1894, 1899
LAKE PLACID CLUB EDUCATION FOUNDATION
1922, 1927, 1932, 1942
FOREST PRESS INC
1951

THIS BOOK WAS COMPOSED, PRINTED AND BOUND
IN THE UNITED STATES OF AMERICA
AT KINGSPORT PRESS, INC., KINGSPORT, TENNESSEE

Foreword to Standard Edition

ALMOST nine years ago, in the Foreword to the 14th Edition, we expressed our expectation that "at some future date a so-called Library Standard Edition of the Decimal Classification" would be published. Now we are happy to put that long awaited volume into the hands of the library profession, and of the many other individuals who have so long found "Dewey" useful. Since in all probability there will never be a "last" edition of the DC, we earnestly request all users to give us the benefit of their criticism in order that sometime our successors may actually bring out "the perfect book."

Note was made in the 14th Edition of the committee which was created in 1937 for the purpose of making this work more responsive to the needs of librarians and other classifiers. Only three members of the original committee remain: Arthur E. Bestor died in 1944; Miss Ruth D. McCollough and Dr. Harriet D. MacPherson found it necessary to devote themselves to other duties. We are grateful to them for services rendered. The committee as it now stands is listed below:

| | |
|--|-------------------------------|
| GODFREY DEWEY | WILLIAM DODGE LEWIS |
| T. HARVEY FERRIS | MRS. ELIZABETH SEYMOUR RADTKE |
| EVELYN MILDRED HENSEL | FREMONT RIDER |
| MILTON JAMES FERGUSON, <i>Chairman</i> | |
| DEO. B. COLBURN, <i>Secretary</i> | |

As is more or less inevitable in an organization which has no endowment upon which it may depend, after the 1942 book was issued the editorial staff found other interests; and the wheels practically ceased to turn. Something like \$58,000 had been expended in revising and publishing the 14th Edition, and that money, for lack of a better term, was profit from the sale of the preceding edition. Under the

terms of Melvil Dewey's provision for the continuance of the DC, any profit derived from the sale of the book was to be put into revision of new editions and the promotion of the use of the system throughout the world. No dividends have ever been paid to any person or institution. Despite the fact that the above mentioned rather considerable sum had been spent on the 14th Edition, in March 1942 when the new book was published the treasury still showed a balance of \$31,000. It seemed appropriate to begin to make plans for a "Dewey" which should be completely revised to meet our understanding of the library profession's desires. (Just as matter of record, perhaps, it may not be inappropriate to note that the cost of the Standard Edition ran to more than \$100,000.)

In December 1944, Mrs. Esther P. Potter was employed as Director of a new staff which was given the difficult undertaking of modernizing the DC. During the more than five years the staff was thus engaged it has changed surprisingly little. The following professional workers were on Mrs. Potter's staff at the conclusion of the revision: Misses Sarah C. France and Helen L. Purdum, and Mrs. Eleanor Hungerford.

On March 1, 1949, I retired as a professional librarian and assumed the post of Editor, in addition to the chairmanship of the committee.

The Director in the course of her services has conferred with many librarians and members of other professions, she has attended many conferences, and has distributed many questionnaires—most of which came back. An attempt has been made in the brochure heretofore distributed to pay tribute to all those persons and societies so helpful in the production of the Standard Edition. It was truly a cooperative task; and if it fairly well achieves the degree of usefulness so earnestly desired, great credit will be due our colleagues and friends who because of their number must here remain unnamed.

Special mention, as a class, must be made of the American Library Association Committees whose members have interpreted for us the needs of varying kinds and sizes of libraries. Members of the Division of Cataloging and Classification Regional groups, in their criticisms

of earlier editions, furnished a realistic basis for our revisions. The Advisory Sub-committee for Dewey Classification, in its detailed criticisms of revision, has given us opportunity to correct errors of judgment.

That the subject matter contained in some of the new expansions and also in the more drastic revisions is correct and in perspective is due in large degree to the Special Libraries Association.

Our gratitude to the Librarian of Congress cannot be too strongly expressed. He has assigned us space which he himself could have used for other purposes; and his staff has unfailingly aided us in our work. Our location in the Library of Congress has enabled us to use its vast resources in books and print and to estimate approximately the volume of literature falling into any class; for it is obvious that a number without a book is wasted effort. The government offices in Washington, too, have been responsive to our call for assistance.

No attempt is herein made to praise Melvil Dewey, or to fix his place in the intellectual world. This book is his monument; he needs no further title or acclaim.

MILTON JAMES FERGUSON
CHAIRMAN AND EDITOR

Introduction

HISTORY

THE CONFUSION of the contents of the Amherst College Library in 1872 must have presented to Melvil Dewey, Student Library Assistant, the same challenge as that of his mother's pantry when, at the age of five, he rearranged it systematically. Always an enthusiastic reformer, and urged on by his hatred of waste of time, it probably did not seem to him unusual that at 20 he should try to bring order out of chaos, a situation which evidently had been of little concern to his predecessors. Ultimately, in solving the problem at Amherst, he achieved some degree of order for a vast number of libraries the world over.

After study of the classifications of knowledge as conceived by Aristotle, Bacon, Locke, and other philosophers, and the recently published library classifications of Schwartz and Harris, Dewey decided to use a scheme of arranging books by subject based upon Harris' inversion of the Baconian order of History, Poesy, and Philosophy. This decision to use a subject arrangement was a radical departure from the almost universal practice of arranging books alphabetically or by size, color, or accession.

The problem of devising a simple scheme of notation was possibly more difficult than deciding upon the plan of arrangement. None of the philosophic classifications used such a device. The Schwartz scheme was complicated by the addition of symbols for size, and the Harris notation provided only for classes, not single books. Dewey's visits to libraries in New York and New England revealed only how much need there was for an efficient system. The three existing schemes for decimal arrangement of books, du Maine's in 1583, the Glasgow, circa 1790, and the Shurtleff in 1856, evidently did not impress Dewey. All three were based upon numbering shelves rather than books. In a moment of inspiration, born of intensive study and

thought, came the solution which now seems so simple, the application of Arabic numerals used decimally as notation for books arranged by subject.

The Amherst Library Committee must have been somewhat startled to receive from a student assistant three papers proposing, not only a revolutionary classification scheme for the library, but also a carefully considered account of its merits and how it was especially adapted to the needs of the Amherst Library. They approved the proposal, and with the advice and help of others, the following three years were devoted to improving and extending the original plan and in reorganizing and classifying the library.

In 1876 "A Classification and Subject Index for Cataloguing and Arranging the Books and Pamphlets of a Library," an improved and amplified version of the original plan, was published anonymously. In the years that followed, Dewey was instrumental in establishing a number of library organizations which, in turn, contributed to the success of the new classification. Almost simultaneously with the publication of the classification, the American Library Association and an organization later to be known as the Library Bureau were founded. The "Library Journal" issued its first number in the same year. Eleven years later, the first library school was opened at Columbia. Thus, for the first time, the library profession was given a multiplicity of outlets for the expression and propagation of its increasingly liberal concept of the function of libraries and the resultant necessity for efficient library operation.

In its radical departure from the old order, the Decimal Classification was wonderfully fitted to the progressive spirit of this period of transition. It never lacked adherents, and they never lacked channels for spreading their enthusiasm. How widespread its use and popularity in the United States had become is well illustrated by the creation in 1930, because of popular demand, of a section in the Library of Congress for the purpose of assigning Decimal Classification numbers to books which libraries using the scheme might be expected to purchase. The most recent estimate of its use in the United States is taken from

statistics compiled for the American Library Directory, published in 1945. At that time 96 per cent of the public libraries, 89 per cent of the college and university libraries, and 64 per cent of the special libraries reporting used the system.

Use of the classification has spread outside the United States to Latin America, Europe, Asia, Africa, and Australia. In part, it has been translated into Chinese, Japanese, French, German, Italian, Spanish, Portuguese, Norwegian, Russian, Hungarian, and Bohemian.

Some impetus to this general acceptance was given by the Institut International de Bibliographie in 1895, when it decided to use the DC as the basis for a bibliographic classification for its international subject index. In 1905 the Institut published the "Classification Decimale," using the basic plan of the DC expanded considerably and employing supplementary use of symbols to designate subject relationships. In 1927-'29 a revision was published under a slightly different title, "Classification Decimale Universelle." Both of these are referred to interchangeably as the CD, the UDC, and the Brussels. They have been translated in abridged form from the French into Dutch, Swedish, German, and English. Differences have appeared between the DC and the CD, due principally to the more complex demands of a bibliographic classification, but the basis is still fundamentally that of Dewey.

THE DECIMAL CLASSIFICATION

The plan of the classification has remained the same in all fourteen revisions. The Tables of classification provide an infinitely divisible scheme of organization based upon a relative grouping of like subjects numbered decimally. The Index is an alphabetical listing of subjects with reference to the class number under which they may be found in the Tables.

THE TABLES

Subject matter is divided into nine main classes numbered by digits 1 to 9. Material too general to belong to any one of these classes is

numbered 0 and forms a tenth class which, however, is placed first. The classes are written in three figures; thus class 000 is General works; class 100 is Philosophy; 200, Religion; 300, Social sciences; 400, Linguistics; 500, Pure science; 600, Applied science; 700, Arts and Recreation, 800, Literature; and 900, History.

Each of these main classes is divided into nine divisions numbered 1 to 9, while a tenth for general material, belonging to no one of the divisions, is provided by retaining the two ciphers. Thus 720 is the number for Architecture, one of the divisions of Fine arts, which is 700.

Further subdivision may be made by amplifying each of the ten divisions in the same manner. Thus 722 is the number for Ancient architecture, which is a section of Architecture (720), in itself a division of Fine arts (700), one of the main classes. Such decimal subdivision may be repeated until there are as many subsections as are needed. An example of this principle carried to an extreme may be found in the 14th Edition, which uses 621.384115523 as the number for material on Meteorological influences on radio transmission in the tropics. Numbers of such length will not be found in the Standard Edition, which aims to provide a system of classifying books, not a detailed outline of knowledge.

Fremont Rider, in his "Melvil Dewey," has noted some of the difficulties of maintaining the practical qualities of the system. "Numbers," he says, "are fascinating things; and there have been, over the years, many would-be experts in classification who have not realized that, because a certain amount of classification is a good thing, an indefinitely larger amount of it is not necessarily better. It should have been obvious that the more detailed a classification is made, the more quickly it tends to become obsolete; that the more complex it is made, the more its original easily grasped simplicity becomes lost."

The basic plan of the Decimal Classification is a division by subject and an orderly progression from the general to the specific. Three of the main classes, however, show variations from the plan of subject subdivision. Class 400, Language, and Class 800, Literature, are di-

vided linguistically; e.g. 450 is Italian language; 850 is Italian literature. The primary division of 900, History, is a topographical one, first by continent, then by countries, e.g. 945, Italian history, the figure 4 meaning Europe, and 5 meaning Italy. The repeated meaning of the figure 5 in 450, 850, and 945 indicates that the number for Italy is always 5.

Two provisions have been made for arrangement where consideration of the form or style in which the book is written, as well as the subject, is important, e.g. for dictionaries, poetry. A method of subdividing has been provided which is applicable to any class, division, section, or subsection in which there is sufficient material to make such division desirable, e.g. History of Italian drama 852.09. These are as follows:

| | |
|--------------------------------|-------------------------------|
| 01 Philosophy, theory | 06 Societies, transactions |
| 02 Compends, outlines | 07 Study, teaching, education |
| 03 Dictionaries, encyclopedias | 08 Collections |
| 04 Essays, lectures | 09 History |
| 05 Periodicals | |

If the number to which these form divisions are to be added ends in 0, one zero should be dropped before the form number is added, e.g. a zoological magazine is 590.5, not 590.05. If the number resulting from the addition of the form division has been assigned another meaning in the Tables, an extra 0 is added, e.g. a periodical on English history is 942.005, not 942.05, which the Tables give as the number for England in the time of the Tudors.

The second provision for arrangement by style of writing is a series of numbers which may be applied to any piece of literary material. These are as follows:

| | |
|-----------|--------------------|
| 1 Poetry | 5 Oratory |
| 2 Drama | 6 Letters |
| 3 Fiction | 7 Satire and humor |
| 4 Essays | 8 Miscellany |

851 is Italian poetry, the figure 8 meaning Literature, 5 meaning Italy, and 1 meaning poetry. This example illustrates, not only the use of the form division, but also the linguistic division for literature.

While the linguistic and topographic form divisions are helpful in quick classifying because of their mnemonic features, they are aids and not regular methods. While Italy or Italian is always 5, the number 5 is not always Italy or Italian, as it is also used for periodicals, oratory, or any other subject the practical development of the tables demands. The mnemonic devices occur in several hundred places in the classification and allow for close classification with a minimum expenditure of time and effort.

THE INDEX

Each item in the Index is followed by a number which refers the user to the location of that subject in the Tables. The terminology of the Index is in terms both of current popular usage and of the subject specialist. Synonymous wording is used wherever it seems practicable.

The Tables are followed by an alphabetically arranged Index in which reference by class number is made to the exact location of a subject in the Tables. As subjects are seldom thought of in exactly identical terminology, the entries are in terms of current usage or those which belong to the terminology of the subject. It is not safe to assume that the Index, which is planned only as a key to the Tables, furnishes the final answer to any classification problem. The Tables must be consulted after the clue has been supplied by the Index.

SUGGESTIONS TO THE USER

HOW TO USE THE TABLES AND INDEX

It is wise to learn the ten main classes. Knowledge of the hundred divisions and numerous sections and subsections should follow grad-

ually from use, without the necessity of special study, and will result more quickly if the Tables are used rather than the Index. Locating the subject of a book within the scope of its main class brings familiarity with the class as a whole. When the Tables are used in this way, the Index should be checked to verify the result obtained.

HOW TO DETERMINE THE SUBJECT OF A BOOK

There are several methods of deciding upon the subject of a book. These may be used in varying combinations where the subject is obscure.

Title—The title often indicates what the book is about. However, it is sometimes misleading; in consequence, some further method should be used as a check.

Table of contents—This is usually an excellent guide to the subject of a book.

Chapter headings—If there is no table of contents, chapter headings or marginal notes are likely to give a good indication of the contents.

Preface—It is always wise to scan the preface for the author's point of view, even if it merely verifies your decision already based upon some other aid.

Reference books—Information regarding the subject of the book may be obtained from bibliographies, catalogs, biographical dictionaries, histories of literature, encyclopedias, reviews.

Subject matter—An exhaustive examination of the subject matter of the book itself will probably solve the problem.

Specialists—Experts should be consulted when all other methods fail, and sometimes for verification of a tentative decision.

HOW TO ASSIGN THE CLASS NUMBER

When the subject of the book has been decided upon, its number may be found in the Tables either by using them directly or by means

of the Index. Even if one is quite familiar with the classification, decisions based upon direct use of the Tables should be checked with the Index. It shows relationship and subordination, and often presents a choice of points of view. This method makes possible a much more accurate classification of the book than when only one portion of the Tables is used.

The basic principle involved in the assignment of the class number is that of usefulness. As libraries differ and the people using them are never alike, the decision as to where a book will be of the greatest value must be the responsibility of the individual classifier. The majority of books present no very complicated problem. There can be only a remote possibility that an elementary physics book could be more useful in some other class than Physics. But, would a bibliography of physics be of more use in the Bibliography section or with the Physics books? The decision must be based upon an accurate knowledge of the aims of the individual library, and that can be gained only by the classifier's own experience, not by rules set down here.

The contents of the book, not its form or wording of the title, should usually determine its number. The content of a History of art is primarily Art, not History, and such a book would be most useful in the Art section.

Each library should formulate a general policy concerning the length of numbers it will use, based not only upon the present size and type of its collection, but also upon an estimate of what its collection will be in the future. This policy should, however, be flexible so that the most useful numbers may be utilized even if they violate the policy. There has been much controversy about broad versus close classification, but the present trend in libraries is to limit the number wherever it is feasible to five or six digits. The class number chosen should be the most specific, which will contain the subject of the book and yet remain reasonably within the library's length-of-number policy. A library with a five-digit policy would probably choose as "the most specific number" 671.52 for a book on Electric arc welding. A larger

or more specialized library with a six-digit policy might use 671.521 or even 671.5211 as "the most specific number." In either case, the main heading, 671 Metal Manufactures, or 671.5 Joining and Cutting, is not sufficiently specific.

When a book treats of two or three subjects, assign it to the class in which it will be most valuable. The other subject or subjects may be taken care of in the catalog by means of added entry cards. If a decision regarding this type of book cannot be based on the principle of use, assign the class number to the first subject treated in the book.

When a book treats about equally four or more sections of a division, give it the division number, e.g. a book discussing light, heat, sound, mechanics would be given the division number of 530.

Unless the library's policy prevents, separate and classify as separate items: libraries, special collections, sets.

Translations, reviews, keys, analyses, and other works about specific books should be assigned the class number of the original book.

The classifier may save much time by consulting the number which may already have been assigned to the book. DC numbers may be found on Library of Congress cards, Wilson cards, in A. L. A. Book List, Book Review Digest, Standard Catalog series, Children's Catalog.

A record of all difficulties and decisions should be made for the sake of uniformity and future efficiency. These notes should be written in the Tables, in an interleaved copy, or arranged by class number in a file.

BOOK NUMBERS

In many libraries the call number, by which the book is arranged on the shelves and called for, includes a book number in addition to the class number. While the class number distinguishes books on one subject from those on another, the book number distinguishes each book from all others in the same class.

Probably the most widely used system of book numbers is the Cutter Sanborn. In these tables the author's name is represented by

its initial with the remaining letters translated into numbers, e.g. Freeman, F 85. Books on the same subject are arranged alphabetically under the class usually by author heading or, as in the case of Biography, alphabetically by the subject of the biography. Other book number schemes were included in the 11, 12, 13 Editions of the Decimal Classification. One was a table of numbers for certain well-known authors, and the other, a translation system of dates so that books in the sciences, where date of publication is of importance, may be arranged chronologically by date of first publication.

The Borden book number scheme is also widely used.

VARIATIONS FROM THE PUBLISHED TABLES

The Tables, as they are developed in this edition, represent the Editorial Office's concept of what a medium-size general library might need to classify its collection. Obviously, it will be too minutely subdivided for many small and some medium-size libraries, and some very large or highly specialized libraries may not find it sufficiently minute.

It remains, then, for each library to consider carefully whether the printed Tables may be used successfully to classify its collection. This decision will be easier if the fundamental purpose of book classification is constantly kept in mind. Book classification is essentially functional, a medium of location, not a philosophical system. It may also be helpful to remember that specialists seldom agree regarding the organization of their subject. A decision regarding the necessity of expansion should result in a request to the Editorial Office for an official expansion. If one is not immediately available, the broad classification should be made to serve until the official expansion is ready. A good expansion takes a great amount of time and expense for study, research, interviewing, and correspondence, and necessitates a broad and dispassionate over-all approach. Such a project is generally of too great magnitude for the majority of librarians with their multiplicity of other duties. If, after considering these points, the Tables seem

unsatisfactory, and the temptation to make changes or expansions is great, remember that once the change is made, whether good or bad, the library, because of the expense of reclassifying, will be saddled with it indefinitely, unable to make use of official expansions and improvements in successive editions.

There are ways of simplifying the Tables, which the Editorial Office not only suggests but recommends, as sensible time-saving devices especially for small libraries. Certain of these, such as the combining of subjects, the substitution of B for the class number for Biography, the use of book numbers or letters instead of long numerical divisions, and the omission of a class number in the case of Fiction, may be found at the beginning of specific subjects.

Two other recommended modifications follow: Children's books may be distinguished from the adult collection by the use of J for fiction and J plus the class number for nonfiction, e.g. J 942 Child's history of England.

In order that reference books may be easily distinguished from those which circulate, R usually precedes the call number or stands above it.

USES

It is quite feasible by using only the main classes, divisions, and sections, to classify very adequately small collections, whether in private, or in public, school, or college libraries. It is also equally possible for large or special libraries to use the Tables. Acceptance by these libraries, many of which have felt the necessity of finely developed classification schemes, involves the concept of classification as a means of grouping material in as close relationship as is efficient, leaving to a catalog the function of minute description of the book and analysis of its contents. The Editorial Office feels very strongly that in a rapidly changing world such as ours it is unwise to do more than group broadly, particularly in the Social, Pure, and Applied sciences. It is comparatively simple to correct a subject heading on a catalog card when further investigation proves that the Hottentot and

Bushmen's languages belong to the same rather than two separate families, or when changing emphasis, such as Electronics as an inclusive term for communication, throws out all the subdivisions under the old concept of Radio. To change the numbers on all of the books or documents, with all of their attendant book and catalog cards, is not a simple matter.

With the passing years a much wider use of the classification has come about than was originally conceived. Book stores and book exhibitors have found it a convenient and profitable way of arranging their stock. Business and industrial concerns and government offices have found in it a good solution to the problem posed by correspondence files which have become too large and unwieldy for straight alphabetic arrangement. In fact, any file, whether it is composed of pamphlets, documents, monographs, clippings, photographs, slides, or films, may well be organized by the Decimal Classification.

THE STANDARD EDITION

In point of chronological sequence, this edition is the fifteenth. To name it the fifteenth, however, would imply that it is but another in the long succession of revisions which only partially satisfied the demands created by constantly increasing knowledge. More truly descriptive is the name Standard Library Edition.

In 1945 the pattern of the new revision was furnished by instructors in library schools and by librarians in a variety of libraries in North and South America and Great Britain. In accordance with their advice, the new edition is a complete revision, each schedule having been studied and rewritten in the light of new information, changing concepts and terminology, and Simplified spelling has been abandoned, except for the twelve words adopted by the N. E. A.

The revision is designed to meet the needs of the greatest number of libraries. As the "greatest number" ranges from small to moderately large general libraries, the tables are evenly and broadly expanded. Overelaboration, which too often appeared in parts of previous edi-

tions, has been avoided. Numbers for which no book can be found have been omitted. To insure its fitness for classifying books in such libraries, each table has been scrutinized before its incorporation in this edition, not only by subject experts, but by librarians in public and university libraries of varying sizes.

In order that the reference value contained in the bibliographic fulness of some of the older editions may not be lost in less detailed expansions, liberal use has been made of definitions and scope notes in the Standard. So that its use may be simplified, definite recommendations are made when the possibility of alternative numbers arises. As reclassification is both a physical and financial impossibility for most libraries, no very drastic changes appear in the Standard. When it has seemed necessary for reasons of correction to use a number other than the original, the new classification is built upon a hitherto unused number. The old number is retained, but with the advice that use of the new classification is recommended.

Much unnecessary material has been omitted in the process of simplification. Punctuation has been reduced to a minimum; etc. has been omitted in confidence that the user will realize that no listings can possibly be complete. "May be divided like," except geographically, and other advice concerning subdivisions have been eliminated from almost all tables in the belief that the user does not need to be told how to arrange his collection.

First Summary

| | | | |
|-----|-----------------|-----|---------------------|
| 000 | General Works | 500 | Pure Science |
| 100 | Philosophy | 600 | Applied Science |
| 200 | Religion | 700 | Arts and Recreation |
| 300 | Social Sciences | 800 | Literature |
| 400 | Linguistics | 900 | History |

Second Summary

- 000 **General Works**
- 010 Bibliographical Science and Technique
- 020 Library Science
- 030 General Encyclopedias
- 040 General Collected Essays
- 050 General Periodicals
- 060 General Societies Museums
- 070 Journalism
- 080 Collected Works
- 090 Book Rarities

- 100 **Philosophy Esthetics**
- 110 Metaphysics
- 120 Metaphysical Theories
- 130 Fields of Psychology
- 150 Psychology
- 160 Logic
- 170 Ethics
- 180 Oriental and Ancient Philosophy
- 190 Modern Philosophy

- 200 **Religion**
- 210 Natural Religion
- 220 Bible
- 230 Systematic or Doctrinal Theology
- 240 Devotional Theology
- 250 Pastoral Theology

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Second Summary

- 260 Ecclesiastical Theology
- 270 Christian Church History
- 280 Christian Churches and Sects
- 290 Non-Christian Religions

- 300 **Social Sciences Sociology**
- 310 Statistics
- 320 Political Science
- 330 Economics
- 340 Law
- 350 Public Administration
- 360 Social Welfare
- 370 Education
- 380 Commerce
- 390 Customs

- 400 **Linguistics**
- 410 Comparative Linguistics
- 420 English Language
- 430 German Germanic Languages
- 440 French Provençal
- 450 Italian Rumanian
- 460 Spanish Portuguese
- 470 Latin Other Italic
- 480 Greek Hellenic Group
- 490 Other Languages

- 500 **Pure Science**
- 510 Mathematics
- 520 Astronomy
- 530 Physics

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|-----|-------------------------------|----------------------|------------|
| 540 | Chemistry | Crystallography | Mineralogy |
| 550 | Earth Sciences | | |
| 560 | Paleontology | | |
| 570 | Biological Sciences | | |
| 580 | Botany | | |
| 590 | Zoology | | |
| | | | |
| 600 | Applied Science | | |
| 610 | Medical Sciences | | |
| 620 | Engineering | | |
| 630 | Agriculture | | |
| 640 | Home Economics | | |
| 650 | Business and Business Methods | | |
| 660 | Chemical Technology | Industrial Chemistry | |
| 670 | Manufactures, Continued | | |
| 680 | Manufactures, Continued | | |
| 690 | Building Construction | | |
| | | | |
| 700 | Arts and Recreation | | |
| 710 | Landscape Architecture | | |
| 720 | Architecture | | |
| 730 | Sculpture | | |
| 740 | Drawing | Decorative Art | |
| 750 | Painting | | |
| 760 | Prints and Print Making | | |
| 770 | Photography | | |
| 780 | Music | | |
| 790 | Recreation | | |
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| 800 | Literature | | |
| 810 | American Literature | | |

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|-----|---|
| 820 | English Literature |
| 830 | German and Other Germanic Literatures |
| 840 | French, Provençal, Catalan Literatures |
| 850 | Italian, Rumanian, Romansch Literatures |
| 860 | Spanish and Portuguese Literatures |
| 870 | Latin and Other Italic Literatures |
| 880 | Greek and Hellenic Group Literatures |
| 890 | Literature of Other Languages |
| | |
| 900 | History |
| 910 | Geography |
| 920 | Biography |
| 930 | Ancient World History |
| 940 | European History |
| 950 | History of Asia |
| 960 | African History |
| 970 | North American History |
| 980 | South American History |
| 990 | History of Oceania |

Third Summary

- 000 **GENERAL WORKS**
- 001 Knowledge Learning Scholarship
- 002 The Book

- 010 **Bibliographical Science and Technique**
- 011 Universal and General Bibliographies
- 012 Bibliographies of Individuals
- 013 Bibliographies of Special Classes of Writers
- 014 Bibliographies of Anonymous and Pseudonymous works
- 015 National Bibliographies
- 016 Subject Bibliographies

- 020 **Library Science**
- 021 Libraries Establishment and Purpose Public Relations
- 022 Library Buildings
- 023 Library Personnel
- 024 Rules for Users of Libraries
- 025 Administration
- 026 Special Libraries Special Collections
- 027 General Libraries
- 028 Reading and Reading Guidance
- 029 Literary Methods

- 030 **General Encyclopedias**
- 031 American
- 032 English
- 033 German

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Third Summary

- 034 French
- 035 Italian
- 036 Spanish
- 037 Russian
- 038 Scandinavian
- 039 Other

- 040 **General Collected Essays**

- 050 **General Periodicals**

- 060 **General Societies**
- 069 **Museums**

- 070 **Journalism**
- 071 Newspapers in America
- 072 Newspapers in England
- 073 Newspapers in Germany
- 074 Newspapers in France
- 075 Newspapers in Italy
- 076 Newspapers in Spain
- 077 Newspapers in Russia
- 078 Newspapers in Scandinavia
- 079 History of Individual Newspapers and of Newspapers of Countries not Provided for Above

- 080 **Collected Works**
- 081 Collected Works of Individual Authors
- 082 Collected Works of Several Authors

- 090 **Book Rarities**
- 091 Manuscripts
- 092 Block Books
- 093 Incunabula

- 192 British Philosophy
 193 German Philosophy
 194 French Philosophy
 195 Italian Philosophy
 196 Spanish and Portuguese Philosophy
 197 Russian Philosophy
 198 Scandinavian Philosophy
 199 Other Modern Philosophies

200 RELIGION**210 Natural Religion**

- 211 Deism Atheism Theism
 212 Pantheism Theosophy
 213 Creation
 215 Religion and Science
 218 Immortality

220 Bible

- 221 Old Testament
 222 Historical Books
 223 Poetic Books
 224 Prophetic Books
 225 New Testament
 226 Gospels and Acts
 227 Epistles
 228 Apocalypse Revelation
 229 Apocrypha and Pseudepigrapha

230 Systematic or Doctrinal Theology

- 231 God
 232 Christology
 233 Man

- 234 Soteriology
 235 Saints Angels Devils
 236 Eschatology
 237 Future Life
 238 Statement of Fundamental Religious Belief
 239 Apologetics
- 240 Devotional Theology**
 241 Moral Theology
 242 Meditation
 244 Stories Allegories Satires
 245 Hymnology
 246 Christian Symbolism
 247 Esthetics in the Church
 248 Personal Religion
 249 Family Devotions
- 250 Pastoral Theology**
 251 Homiletics
 252 Sermons
 253 Pastor
 254 Church Administration
 258 Social Welfare Work of Church
 259 Group Organizations and Leadership
- 260 Ecclesiastical Theology**
 261 Christian Social Theology
 262 Church Government
 263 Christian Sabbath
 264 Public Worship
 265 Sacraments
 266 Missions
 267 Religious Associations
 268 Religious Education
 269 Evangelism

- 270 **Christian Church History**
 271 Religious Orders
 274-279 History of Christian Church in Specific Countries
- 280 **Christian Churches and Sects**
 281 Primitive Churches
 282 Roman Catholic Church
 283 Anglican Church
 284 Protestantism
 285 Presbyterianism, Congregationalism and Reformed
 Bodics
 286 Baptist Churches and Other Immersionist Sects
 287 Methodism
 288 Unitarianism
 289 Other Christian Sects
- 290 **Non-Christian Religions**
 291 Comparative Mythology
 292 Greek and Roman Religion and Mythology
 293 Teutonic and Northern Religion and Mythology
 294 Buddhism and Brahmanism
 295 Non-Semitic Asiatic Religions
 296 Judaism
 297 Mohammedanism
 298 Semitic and Other Non-Christian Religions
- 300 **SOCIAL SCIENCES**
 301 Sociology
 309 History of Social Sciences
- 310 **Statistics**
 311 Statistical Method
 312 Demography

- 320 **Political Science**
 321 Form of State and Government
 322 Province and Function of State and Government
 323 Relations of State to Individuals or Groups
 324 Elections and Suffrage
 325 International Migration and Colonization
 326 Slavery
 327 International Relations
 328 Legislation
 329 Political Parties
- 330 **Economics**
 331 Labor and Labor Problems
 332 Money, Credit and Banking
 333 Land Economics
 334 Cooperation
 335 Collectivistic Systems
 336 Public Finance
 337 Tariff Policy
 338 Production and Prices or Planning
 339 Income and Wealth
- 340 **Law**
 341 International Law
 342 Constitutional Law
 343 Criminal Law
 344 Administrative Law
 345 U. S. Statutes and Cases
 346 British Statutes and Cases
 347 Treatises
 349 Law Other Than American and British
- 350 **Public Administration**
 351 Problems of Public Administration

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- 352 Administration of Local Government
 - 353 Administration of United States Federal and State
Executive Government
 - 354 Administration of Executive Government Other
Than United States
 - 355 Elements of Warfare
 - 356 Ground Forces and Services
 - 357 Cavalry
 - 358 Air Forces and Services
 - 359 Naval Forces

 - 360 **Social Welfare**
 - 361 Social Work and Social Agencies
 - 362 Welfare Services
 - 364 Criminology
 - 365 Penology
 - 366 Associations
 - 367 Social Clubs
 - 368 Insurance
 - 369 Other Associations and Institutions

 - 370 **Education**
 - 371 Teaching
 - 372 Elementary Education
 - 373 Secondary Education
 - 374 Adult Education
 - 375 Curriculum Course of Study
 - 376 Education of Women
 - 377 Religious and Moral Education
 - 378 College and University Education
 - 379 Education and the State

 - 380 **Commerce**
 - 381 Domestic Trade

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- 382 International Trade
 - 383 Postal Communication
 - 384 Communication
 - 385 Transportation
 - 386 Inland Waterway Transportation
 - 387 Marine Transportation
 - 387.7 Air Transportation
 - 388 Highway Transportation
 - 389 Standardization

 - 390 **Customs**
 - 391 Costume and Accessories
 - 392 Customs of Life Cycle
 - 394 Political and Social Customs
 - 395 Etiquette
 - 396 Woman's Position in Society
 - 397 Gypsies
 - 398 Folklore
 - 399 Customs of War

 - 400 **LINGUISTICS**
 - 408 Collections Artificial-universal Languages

 - 410 **Comparative Linguistics**
 - 411 Writing
 - 412 Etymology Semantics
 - 413 Lexicography Polyglot Dictionaries
 - 414 Phonology
 - 415 Grammar Morphology Syntax
 - 417 Inscriptions Paleography
 - 418 Texts
 - 419 Language Communicated Otherwise Than by Words
or Letters of an Alphabet

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- 420 English Language
 421 Writing
 422 Derivation
 423 Dictionaries
 424 Synonyms Homonyms Antonyms
 425 Grammar
 427 Patois Slang Dialectology
 428 Texts for Learning English Language
 429 Old English (Anglo-Saxon), 500-1100 A.D.
- 430 German
 439 Germanic Languages
- 440 French
 449 Provençal
- 450 Italian
 459 Rumanian
- 460 Spanish
 469 Portuguese
- 470 Latin
 479 Other Italic Medieval and Modern Latin (Church Latin)
- 480 Greek
 489 Hellenic Group Modern Greek
- 490 Other languages
 491 Indo-European Languages Indo-Hittite
 492 Semitic Languages
 493 Hamitic Languages
 494 Tunguzic, Mongolic, Turkic, Samoyed, Finno-Ugric and Hyperborean Languages

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- 495 Sino-Tibetan, Japanese-Korean, Austro-Asiatic
 496 African Languages
 497 North American Languages
 498 South American Languages
 499 Austronesian
- 500 PURE SCIENCE**
- 510 Mathematics
 511 Arithmetic
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 514 Trigonometry
 515 Descriptive Geometry
 516 Euclidean Analytic Geometry
 517 Calculus
 518 Special Functions
 519 Probability
- 520 Astronomy
 521 Celestial Dynamics
 522 Observatories and Instruments
 523 Descriptive Astronomy Astrophysics
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 528 Nautical Almanacs
 529 Measurement of Time
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 532 Mechanics of Liquids
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| 534 | Sound |
| 535 | Optics |
| 536 | Heat |
| 537 | Electricity and Magnetism |
| 539 | Molecular, Nuclear, Atomic Physics |
| 540 | Chemistry |
| 541 | Physical Chemistry |
| 542 | Apparatus and Equipment for Chemical Laboratories |
| 543 | Analysis |
| 544 | Qualitative Analysis |
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| 546 | Inorganic Chemistry |
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| 549 | Mineralogy |
| 550 | Earth Sciences |
| 551 | Physical and Dynamic Geology |
| 552 | Petrology |
| 553 | Economic and Applied Geology |
| 554 | Geology of Europe |
| 555 | Geology of Asia |
| 556 | Geology of Africa |
| 557 | Geology of North America |
| 558 | Geology of South America |
| 559 | Geology of Oceania and Polar Regions |
| 560 | Paleontology |
| 561 | Paleobotany |
| 562 | Invertebrate Paleozoology |
| 563 | Protozoa, Porifera, Cnidaria, Echinodermata |
| 564 | Mollusca and Molluscoidea |
| 565 | Arthropoda |

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| 566 | Vertebrate paleozoology |
| 567 | Fishes |
| 568 | Sauropsida (reptiles and birds) |
| 570 | Biological Sciences |
| 571 | Archeology |
| 572 | Anthropology |
| 573 | Physical anthropology |
| 574 | Biology |
| 575 | Evolution |
| 576 | Microbiology |
| 578 | Biological Techniques |
| 579 | Biological and Natural History Collections |
| 580 | Botany |
| 581 | Plant Physiology and Morphology |
| 582 | Systematic or Taxonomic Botany |
| 583 | Dicotyledons |
| 584 | Monocotyledons |
| 585 | Gymnosperms |
| 586 | Cryptogams |
| 587 | Pteridophytes |
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| 590 | Zoology |
| 591 | General zoology |
| 592 | Invertebrates |
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| 593.2 | Mesozoa |
| 593.4 | Porifera |
| 593.5 | Cnidaria |
| 593.8 | Ctenophora |
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 - 614 Public Health and Preventive Medicine
 - 615 Therapeutics
 - 616 Internal and Clinical Medicine
 - 617 Surgery
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 - 640 Home Economics
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 - 655 Graphic Arts Industries
 - 657 Accounting
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 - 659.1 Advertising, Publicity and Public Relations

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 731 Materials and Methods of Sculpture
 732 Ancient Sculpture (3000 B.C.—) Primitive
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 733 Classical Sculpture (1500 B.C.—476 A.D.)
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- 740 **Drawing Decorative Art**
 741 Freehand Drawing
 742 Perspective
 743 Anatomy for Artists
 744 Technical Drafting Industrial Production
 Illustration
 745 Decorative Art and Design
 746 Laces Tapestries Needlework
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- 750 **Painting**
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- 780 **Music**
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- 790 **Recreation**
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- 797 Aquatic Sports Air Sports
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 849.9 Catalan Literature
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- 900 **HISTORY**
 909 **Modern World History**
- 910 **Geography**
 911 Human Geography
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 913 Geography of Ancient World
 914 Geography of Europe
 915 Geography of Asia
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- 920 **Biography**
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- 930 **Ancient World History**
 932 Ancient Egypt
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- 940 **European History**
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| 950 | History of Asia |
| 951 | China |
| 952 | Japan |
| 953 | Arabia |
| 954 | India |
| 954.1 | Bhután |
| 954.2 | Nepal |
| 954.7 | Pakistan |
| 954.8 | Ceylon |
| 955 | Iran |
| 956 | Near East |
| 957 | Union of Soviet Socialist Republics Asiatic Part |
| 958 | Middle East |
| 959 | French Indo-China |
| 959.1 | Union of Burma |
| 959.3 | Siam |
| 959.5 | Federation of Malaya |
| 959.52 | Singapore |
| 960 | African History |
| 961 | North Africa |
| 962 | Egypt |
| 963 | Ethiopia |
| 963.5 | Italian East Africa |
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| 970 | North American History |
| 971 | Canada |
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| 972.8 | Central America |
| 972.9 | West Indies Antilles |
| 973 | United States |
| 974 | Northeastern States |
| 975 | Southeastern States |
| 976 | South Central or Gulf States |
| 977 | North Central or Lake States |
| 978 | Western or Mountain States |
| 979 | Pacific States |
| 980 | South American History |
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| 998 | Arctic Regions |
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Form Divisions

- 01 Philosophy Theory Methodology
- 02 Compends Handbooks Outlines
Includes digests, syllabuses, charts, manuals
- 03 Dictionaries Encyclopedias
Includes concordances, lexicons, glossaries,
vocalularies
- 04 Essays Addresses Lectures
- 05 Periodicals Directories Almanacs
- 06 Associations Societies
Includes transactions, reports, charters,
regulations, lists of members
- 07 Study and Teaching
Includes research and experimentation
- 08 Collections
- 09 History and General Local Treatment
- 092 Biography

TABLES

000 General Works

- 001 KNOWLEDGE LEARNING SCHOLARSHIP**
Includes concept of knowledge, technical and scientific processes of study and research and intellectual cooperation
For Application of above to particular field of knowledge or learning, see specific subject

- 002 THE BOOK**
Value Influence
It is recommended that the History of books be classified in 655.4
For Technical or specific discussions of printing, publishing, book-selling, see 655

- 010 BIBLIOGRAPHIC SCIENCE AND TECHNIQUE**
Introduction Theory Method
Includes book collecting, bibliomania, bibliographic control

011-016

BIBLIOGRAPHIC WORKS

Lists of works Catalogs of books Indexes Collections of brief abstracts

Previous editions have provided 017-019 for catalogs, but as most libraries make no distinction between bibliographies and catalogs, these numbers have been omitted in this edition

- 011 UNIVERSAL AND GENERAL BIBLIOGRAPHIES**

Author arrangement of bibliographies not limited to any particular subject, time, or locale, e.g. Brunet's *Manuel de Libraire et de l'Amateur de Livres*

- 012 BIBLIOGRAPHIES OF INDIVIDUALS**
Bibliography of works by or about an individual or both. Use of this number is limited to works of individuals whose major importance does not lie in specific subject fields or whose works are too general to fit any specific subject
For Bibliographies of individuals closely related to specific subjects, see 016
- 013 BIBLIOGRAPHIES OF SPECIAL CLASSES OF WRITERS**
Bibliography of works whose chief value lies in authors' having some common characteristic, e.g. alumni of college, members of religious organization
- 014 BIBLIOGRAPHIES OF ANONYMOUS AND PSEUDONYMOUS WORKS**
May be divided like 030
- 015 NATIONAL BIBLIOGRAPHIES**
Bibliography of works published in same place, whether country, city, or publishing house "Press books" Lists and indexes of government publications
May be divided like 940-999, e.g. Books published in Belgium, 015.493
For Bibliographies of works about a place, see 016
- 016 SUBJECT BIBLIOGRAPHIES**
Bibliographies of works devoted to a single subject or bibliographies arranged by subject "Best books" Brief abstracts
May be divided like whole classification, e.g. Bibliography of travel in England, 016.9142; with exception of Bibliographies of music itself, 781.97; Children's books, 028.5
Where interest in subject bibliography lies with specific subject rather than in bibliography, class in general number for subject. It is recommended in this case that bibliography be separated from rest of general material on subject by a symbol, e.g. Bibliography of organic chemistry, *547

- 020 LIBRARY SCIENCE**
For Form divisions .1-5 and .7-9, see p. iv. An exception in .6 follows:
- .6 **Societies Clubs Conferences**
Includes "Friends of the library"
- .622 **National Associations**
- .623 **State and Regional Associations**
- .624 **Local Clubs**
- .63 **Conferences**
- 021 LIBRARIES ESTABLISHMENT AND PURPOSE PUBLIC RELATIONS**
- .2 **Library as Educational Force**
Active participation of libraries in education and role of libraries in adult education
For Readers' guidance, see 028.8; Adult education, 374; Library's participation in education by means of media other than books, 021.4
- .3 **Library in Relation to Other Institutions**
Relationship between libraries and other educational or special institutions, e.g. schools, museums
For Libraries owned and administered by schools, see 027.8
- .4 **Library Service by Means of Media Other Than Books**
Services of library to organized groups, e.g. study clubs, reading and discussion groups, provision of leaders, and by lectures, institutes, television, radio broadcasts, plays, music, use of film, and exhibitions
- .6 **Library Extension**
At least minimum provision for library service to all people by means of effective units supplemented by state and federal aid
Includes traveling libraries
For Role of state in library extension, see 021.8

- 021.62 Units of Service**
Includes county and regional libraries with machinery of stations, branches, school deposits, and bookmobiles
For Reports, administration of county and regional libraries, see 027.42
- .64 Coordination and Cooperation between Libraries**
Cooperation and specialization schemes of book selection and purchase Cooperative classification and cataloging
Union catalogs Bibliographic centers Liberal inter-library lending Cooperative storage reservoirs Co-ordinated personnel policies Publicity
For Cooperation in specific departments, see department, e.g. Cooperative cataloging, 025.35; Interlibrary lending, 025.6
- .7 Library Publicity**
Presentation of resources and problems of libraries by advertising and publicity in the press, on the radio, and by means of lobbying, for purpose of gaining and maintaining interest and support
- .8 Library and the State**
- .81 Government Supervision**
- .82 Library Commissions**
For Commissions' reports stressing work of state's public libraries, see 027.4; Special work of commissions, subject unless it seems desirable to keep all commissions' work together
- .85 Exchanges of Publications**
By state or central authority
For Exchanges between individual libraries, see 025.22
- .89 Library Legislation**
For Laws of special subjects, see subject, e.g. Law for library commissions, 021.82
- .9 Library Support**
Taxation Appropriations Endowments

- 022 LIBRARY BUILDINGS**
- .1 Location Site**
- .2 Materials Protection**
Building materials Protection against fire and other dangers
Insurance
- .3** It is recommended that **Design, Plans, Construction, Remodeling** be classified in **Library Architecture, 727.8**
- .4 Shelving Storage**
Stacks Cases for special materials Storage building
Cooperative storage
- .7 Lighting**
- .8 Heating Ventilation Air conditioning**
- .9 Furniture Fixtures Equipment**
Carriers Communication systems Elevators Floor coverings
- 023 LIBRARY PERSONNEL**
- .2 Appointment Certification Promotion Tenure**
Federal, State and Local Civil Service
- .3 Governing Board**
Trustees Directors Regents Library committees
- .4 Executive**
Librarian Department heads
- .5 Staff**
Qualifications Staff meetings
For Directories of the staffs of particular libraries, see 027
- .8 Classification and Pay Plans Pensions Retirement**
- .9 Staff Rules**
- 024 RULES FOR USERS OF LIBRARIES**

- 026 **SPECIAL LIBRARIES SPECIAL COLLECTIONS**
 History Reports Administration Statistics
 Includes everything about special libraries not more useful in preceding sections
- 027 **GENERAL LIBRARIES**
 History Reports Administration Statistics
 Includes everything about libraries not more useful in preceding sections
- .1 **Private and Family Libraries**
 Class this type of library here, even after it has been sold or merged in public library
- .2 **Proprietary Society Club Athenaeum Libraries**
 Libraries that are semi-private, requiring membership for admission
 For Society libraries after they have become public libraries, see 027.4
- .3 **Subscription Rental Libraries**
 Libraries which are open to anyone upon payment of fee
- .4 **Public Libraries**
- .42 **Branch Libraries County Libraries Regional Libraries**
 For Extension function alone, see 021.62
- .5 **National and International Libraries**
 Bibliotheque Nationale, Pan-American Union, UN Library
- .6 **Library Service for Special Age or Societal Groups**
- .62 **Children's Libraries Young People's Libraries**
 Administration and work with children and young people
 Story telling
 Where interest in story telling lies chiefly in relation to education, class in 372.21
 For School libraries, see 027.8; Children's reading, 028.5
- .63 **Libraries for Foreign Born and Minority Groups**

- 027.64 **Libraries for Industrial Workers**
 Merchant marine libraries Labor union libraries
- .65 **Government Agency Libraries**
 Army military post and camp libraries Warship and navy yard libraries Police and fire department libraries U. S. State Department libraries in foreign countries
 For Government department libraries devoted to special subjects, see 026
- .66 **Welfare Institution Libraries**
 Includes library service for the handicapped; library service in hospitals, reformatories and prisons
- .67 **Religious Organization Libraries**
 Sectarian or denominational libraries not limited as to subject, e.g. Monasteries, Salvation Army
 For Religious libraries, see 026; School libraries, 027.8
- .7 **College and University Libraries Junior College Libraries**
- .8 **School Libraries**
 For Children's libraries, see 027.62

028-029

SUBJECTS ALLIED TO LIBRARY SCIENCE

- 028 **READING AND READING GUIDANCE**
 Includes lists and collections of book reviews not limited to any one subject and designed as aid in selecting individual reading Reviewing
 For Teaching of reading, see 372.4; Reading techniques in public speaking, 808.54; Abstracting, 029.4
- .3 **Reading Courses**
 Includes discussion and lists of books for individual reading
 For Remedial reading in elementary education, see 372.4; Remedial reading other than elementary, 428.4
- .5 **Children's Books**
 Includes discussion and lists of books; children as authors

- 028.7 **Use of Books and Libraries As Sources of Information**
Includes use of reference books
- .8 **Reader Guidance**
Includes readers' advisory service
- .9 **Reading Habits and Tastes of the Community**
Surveys Research information
- 029 **LITERARY METHODS**
- .4 **Abstracting**
- .5 **Indexing**
- .6 **Preparation of Manuscript or Copy**
Preparation of manuscripts or copy in acceptable form for publication, radio broadcasting, television or motion pictures
For Style of writing for publication, television, radio or motion pictures, see 808; Proof reading, 655.2; Journalism, 070
- 030 **GENERAL ENCYCLOPEDIAS**
Includes "curiosities," books of questions, "quizzes"
For Encyclopedias devoted to a single subject, see subject, e.g. Encyclopedia of social sciences, 303
- 031 **AMERICAN**
Encyclopedias in English, but of North American origin
- 032 **ENGLISH**
Encyclopedias in English primarily of English origin
- 033 **GERMAN**
- 034 **FRENCH**
- 035 **ITALIAN**
- 036 **SPANISH**
Encyclopedias written in Spanish but originating in Latin America may be separated by adding initial of country in which it originated, e.g. Spanish encyclopedia originating in Argentina, A036

- 036.9 **Portuguese**
May be divided like 036, e.g. Portuguese encyclopedia originating in Brazil, B036.9
- 037 **RUSSIAN**
- .8 **Other Slavic**
May be divided like 491.8, e.g. Polish encyclopedia, 037.85
- .9 **Ukrainian Ruthenian**
- 038 **SCANDINAVIAN**
- .6-.82 May be divided like 439.6-.82, e.g. Nordisk Familjebok, 038.82
- 039 **OTHER**
May be divided like 420-499 except as provided above, e.g. Encyclopedia Japonica, 039.956
- 040 **GENERAL COLLECTED ESSAYS**
Monographs Addresses Lectures
Includes only collections, too general to go in a specific subject, of non-literary essays or articles
May be divided like 030
For Collections of essays about Literature in general, see 804; Collections of French literary essays, 844.08
- 050 **GENERAL PERIODICALS**
May be divided like 030 or arranged alphabetically by title
For Periodicals devoted to particular subjects or for material about them, see subject, e.g. Scientific periodicals, 505
- 060 **GENERAL SOCIETIES**
Learned societies, academies, foundations, international associations, conferences, and congresses whose activity is not limited to specific subjects, e.g. UNESCO, Academy of Paris
For Societies which have specific purpose or subject, see subject, e.g. Publications of American Historical Society, 973.06

069

MUSEUMS

Full tables designed for use of museums may be found in Editions 12, 13, and slightly cut in Edition 14

It is recommended that libraries classify museum material with subject of museum's specialization, e.g. Science museums, 507; Art museums, 708

Material on museums devoted to single subject may be divided like the table for general museums below, e.g. Scientific museum expeditions, 507.4, except where special numbers have already been provided, e.g. Preservation of specimens in biological museums, 579

- .1 Educational Function of Museums**
Work with children Adult education Circulation of objects, collections, exhibits, slides, and films
- .2** It is recommended that **Museum Buildings** be classified in 727.6, except **Art Galleries**, 727.7
- .3 Museum Equipment**
Furniture Furnishings Supplies
- .4 Collecting and Preparation of Museum Materials for Exhibit**
Expeditions Repairing Restoring Construction of models Construction of groups
It is recommended that Collection and treatment of special materials be classified with the subject, e.g. Collection of science materials, 507.4
- .5 Museum Collections and Exhibits**
Acquisition Registration Accessioning Exhibition methods Catalogs Guides
- .6 Museum Administration**
Organization Personnel Finance Cooperative efforts

070

JOURNALISM

Business of managing, editing and writing for journals and newspapers

Includes press associations, syndicates

For Newspapers themselves, see 071-079; Periodicals, 050; Form divisions .5-9, p. lv, exceptions .1-4 follow:

- .1 The Press**
Theory Ethics Standards Influence Scope and importance
"The Press" is an inclusive term for newspaper, magazine and book publication
Includes relation to Economics, Literature and other fields
- .13 Relation to the State**
Includes laws governing the Press, censorship and libel
For Theoretical discussions of freedom of press, see 323.44
- .3 Business Management of Newspapers and Magazines**
Management of various departments such as composing and press rooms, circulation and advertising departments
Includes cost of production, sources of income
For Printing, see 655; Advertising, 659.1; Circulation surveys, 658.83
- .4 Editorial Management**
Includes news channels, e.g. news by telegraph and radio, news bureaus, syndicated news
- .41 News and News Writing**
News gathering Interviewing Correspondence
Reporting Style in news writing Headlines Editing and makeup Copyreading
Includes radio news writing
For Aids for writing in form acceptable for publishing, see 029.6
- .43 Editorials and Editorial Writing**

- 070.48 **Journalism Designed to Interest Special Groups**
 Management of publications specializing in fiction, literary criticism and opinion, news, technical and trade material and other special interests
 Includes digests, foreign language publications
 For School journalism, see 371.805; Newspapers, 071-079; Magazines, 051-059

- .489 **Pictorial Journalism**
 Magazines and newspapers which tell stories by means of pictures and running commentary Tabloids
 For Newsreel photography, see 778.5; Newspapers, 071-079; Magazines, 051-059

071-079

HISTORY OF INDIVIDUAL NEWSPAPERS
and of newspapers of specific countries
Large libraries may arrange newspapers by this plan, but more common practice is to arrange them alphabetically by name

- 071 **NEWSPAPERS IN AMERICA**
 American and Canadian newspapers
- .1 **Newspapers in Canada**
- .3 **Newspapers in United States**

072-078

HISTORY OF INDIVIDUAL EUROPEAN NEWSPAPERS
and of newspapers of specific European countries
May be divided like 942-948

- 072 **NEWSPAPERS IN ENGLAND**
- 073 **NEWSPAPERS IN GERMANY**
- 074 **NEWSPAPERS IN FRANCE**
- 075 **NEWSPAPERS IN ITALY**
- 076 **NEWSPAPERS IN SPAIN**

- 077 **NEWSPAPERS IN RUSSIA**
- 078 **NEWSPAPERS IN SCANDINAVIA**

079

HISTORY OF INDIVIDUAL NEWSPAPERS
and of newspapers of countries not provided for above
May be divided like 930-999, e.g. Mexican, 079.72, Chinese, 079.51

- 080 **COLLECTED WORKS**
 Collection of several articles of different subjects brought together in a single work, collection, or series of books
- 081 **COLLECTED WORKS OF INDIVIDUAL AUTHORS**
 Complete or collected works of author, too broad in interest to be classified in one subject
For Collected non-literary essays of an author, too broad in scope to be classified in one subject, see 040
- 082 **COLLECTED WORKS OF SEVERAL AUTHORS**
 Collection of works by various authors on different subjects, e.g. Home University series
 Includes miscellanies, extracts
- 090 **BOOK RARITIES**
 Works on bibliographical or literary history or critical accounts of books possessing some characteristic, such as script, binding, illustration, which makes them rare or valuable. Rare works or facsimiles are usually classified according to subjects they cover; some libraries, however, prefer to place them in 090-099
- 091 **MANUSCRIPTS**
For Manuscripts important chiefly because of illumination, see 096
- .5 **Autographs**
- 092 **BLOCK BOOKS**

- 093 **INCUNABULA**
Works about books printed before 1500
- 094 **RARE PRINTING**
Works about books of great rarity but printed after 1500, e.g. Elzevirs; privately printed books; small editions; unique, limited, and first editions
- 095 **RARE BINDING**
- 096 **RARE ILLUSTRATIONS OR MATERIALS**
Illuminations Printing on vellum, silk Printing in gold or silver
For Book illustration, see 741.64; Technique of illumination, 745.67
- 097 **BOOK PLATES EX LIBRIS**
- 098 **OTHER KINDS OF RARITIES BASED ON INTRINSIC CHARACTERISTICS**
Banned books or books prohibited by religious or civil authority Lost books Hoaxes Romans à clef (key to literary characters drawn from life)
- 099 **OTHER KINDS OF RARITIES BASED ON EXTRINSIC CHARACTERISTICS**
Works of exceptional dimensions

100 Philosophy

Whole body of thought concerning the kind of world we live in, the kind of beings we are, and our relation to the world

For Philosophy of specific subjects, see subjects, e.g. Philosophy of science, 501; Form divisions 2-8, p. lv

- 101 **ESTHETICS**
Theories and standards of value in the realm of beauty and the arts
For Esthetics of specific subjects, see subjects, e.g. Esthetics of fine arts, 701.1, Literary esthetics, 801
- 109 **HISTORY OF PHILOSOPHY**
Comprehensive works
For Oriental and ancient philosophy, see 180's; Modern philosophy, 190's

110 METAPHYSICS

- Science of existence
- 111 **ONTOLOGY**
Theory of being or reality
- 112 **METHODOLOGY**
For Methodology of specific subjects, see form division .01 under subject, e.g. Methodology of physics, 530.1
- 113 **COSMOLOGY**
Philosophy of nature, its fundamental processes and relation of its parts
It is recommended that Cosmogony (theory of origin of the universe) be classified in 523.1

120 METAPHYSICAL THEORIES

- 121 **EPISTEMOLOGY**
Theory of knowledge, its origin and sources, limits, validity
- 123 **FREEDOM**
Nature of human liberty
- 124 **TELEOLOGY**
Theory of purpose, e.g. that everything in the world is a product of design
- 128 It is recommended that SOUL be classified in 218 or 233.5

130 FIELDS OF PSYCHOLOGY

For Psychology in general, see 150

- 131 **PSYCHOSOMATICS**
Relationship of body functions to mental processes
For Psychosomatic medicine, see 616.08
- .3 **Clinical Psychology**
For Psychological testing, see 151.2
- .32 **Psychotherapy**
Psychological treatment of mental ills
- .34 **Psychoanalysis**
Diagnosis of mental and nervous disorders by analysis of emotional history of patient
Includes psychoanalytic schools, c.g. Freud, Adler, Jung
- 132 **ABNORMAL PSYCHOLOGY**
Includes irrational, abnormal, or deranged mental processes; their causes; mental symptoms of disease
For Medical treatment of these disorders, see Nervous system and neurology, 616.8; Psychoses and psychiatry, 616.89

133-135

PSEUDOPSYCHOLOGY

- 133 **OCCULTISM**
Belief in hidden or mysterious powers and possibility of human control of them
- .07 **Psychical Research or Parapsychology**
Investigation of obscure, unexplained, or questionable mental or spiritual phenomena
- .1 **Apparitions**
Includes ghosts
- .3 **Divination**
Includes prophecies; crystal gazing, fortune telling, numerology
- .4 **Witchcraft**
Includes sorcery, necromancy, demonology

22

23

Philosophy

133.5-136.4

- 133.5 **Astrology**
Includes horoscopes, zodiac signs
- .6 **Palmistry**
- .7 **Charlatanry**
- .8 **Telepathy**
Includes clairvoyance, clairaudience, mind reading, thought transference
- .9 **Spiritualism**
Includes mediums, trances
- .93 **Psychic Phenomena**
Includes automatic writing, trance speaking
- 134 **HYPNOTISM MESMERISM**
Includes animal magnetism
- 135 **DREAMS**
Includes types of dreams and their interpretation

136-139

DIFFERENTIAL PSYCHOLOGY Psychology of group and individual differences

- 136 **GENETIC PSYCHOLOGY**
Inquiry into course of growth in individuals
- .1 **Sex Psychology**
Influence of sex in personality development
- .2 **Environmental Psychology**
Influence on individuals of physical and social surroundings
For Social psychology, see 301.1
- .3 **Evolutionary Psychology**
Influence of heredity on personal characteristics
- .4 **Ethnopsychology**
Psychology of races or folk psychology

- 136.5 Adult Psychology**
Psychology of maturity and senescence
- .7 Child Psychology**
Study of children from birth to adulthood
Includes physical and mental growth, attitudes, problems of normal children
For Educational psychology, see 370.15; Child care and management, 649.1; Pediatrics, 618.9; Social problems of youth, 301.46
- .71 Infant Psychology**
Psychology of babyhood and infancy, 1-2 years (formerly classified in 136.7352)
- .73 Adolescent Psychology**
Psychology of puberty and youth, 12-25 years
It is recommended that Psychology of babyhood and infancy be classified in 136.71
- .76 Psychology of Exceptional Children**
Development of children who deviate considerably from normal, e.g. physically handicapped, mentally handicapped or gifted
For Education of exceptional children, see 371.9

137-139

CHARACTER ANALYSIS

- 137 INDIVIDUAL PSYCHOLOGY**
Psychology of character Individuality Personality development
Includes psychical variations between one individual and another, personality traits, temperaments
- .7 Graphology**
Character analysis by study of handwriting

- 137.8 Personality Tests**
Description or characterization of personality by self-inventory, rating, projection tests, e.g. Thematic apperception, Humm-Wadsworth temperament scale, Rorschach psychodiagnostic test
For Psychological testing, see 151.2
- 138 PHYSIOGNOMY**
Determination of character from analysis of features
- 139 PHRENOLOGY**
Study of skull structure as indicative of mental faculties
- 140** It is recommended that **PHILOSOPHIC SYSTEMS** be classified in 180-190

150 PSYCHOLOGY

Study of human behavior

For Social psychology, see 301.1; Educational psychology, 370.15;
Fields of psychology, 130; Form divisions .2-.6, .8-9, p. lv

- 150.1 **Psychological Theories**
Includes rational psychology, the study that seeks to account for facts of consciousness by underlying principles
- .13 **Applied Psychology**
Includes general applications of psychology, their usefulness, value, importance
For Applications of psychology to specific subjects, see subjects, e.g. Psychology of art, 701
- .19 **Systems of Psychology**
Includes Gestalt psychology, Behaviorism
- .7 **Study and Teaching of Psychology**
- .72 **Experimental Psychology**
Study of psychology by experimental methods
- 151 **INTELLIGENCE**
- .1 **Genius**
- .2 **Psychological Testing**
Includes forms of tests, their construction and administration, scoring, interpretation of results
For Educational tests and measurements, see 371.26
- .22 **Intelligence and Aptitude Tests**
Includes individual and group, verbal and non-verbal tests, e.g. Stanford-Binet, Yerkes point scale, Otis group tests, Army Alpha and Beta tests
- .3 **Comparative or Animal Psychology**
Study of mental life of lower animals

- 152 **SENSATION PERCEPTION**
Includes sensory mechanisms, visual, auditory, olfactory, gustatory, tactile sensations; elements, errors, special classes of perception
For Physiology of senses and sensation, see 612.8
- .8 **Psychophysics**
Study of relations between mental and physical processes
Includes psychometry, the measurement of speed and precision of mental processes
- 153 **COGNITION**
Capacity of the mind for knowledge and understanding
Includes active mental functions, e.g. thinking, association of ideas, judgment, reasoning
- 154 **MEMORY LEARNING**
- .1 **Memory**
Includes memory aids, e.g. mnemonics
- .4 **Learning**
Methods, types of learning Aids to learning
- .5 **Forgetting**
Includes causes of memory lapses
- 155 **IMAGINATION**
- 156 **INTUITION**
- 157 **EMOTION**
Includes emotional states, expression of emotion, varieties of emotion, e.g. fear, love, surprise, jealousy
- 158 **CONATION MOVEMENT**
Drives, impulses, and actions resulting from them
- .4 **Involuntary Movement**
- .42 **Innate**
Includes reflexes, conditioned response, instinct
- .43 **Acquired**
Includes habit

-
- 158.5 **Voluntary Movement**
.8 **Special Motor Functions**
Includes locomotion, vocal and graphic expression
- 159 **MOTIVATION**
Includes freedom and training of the will; adaptability

160 LOGIC

Science of correct thinking

- 161 **INDUCTION AND SCIENTIFIC METHOD**
Method of reasoning from particular to general, from facts to generalizations
Includes simple enumeration, method of agreement, method of difference
For Statistical method, see 311
- 162 **DEDUCTION**
Method of reasoning from general to particular, from general propositions to particular conclusions
Includes propositions, premises, assumptions, conclusions
- 164 **SYSTEMS OF LOGIC**
Includes Aristotelian or traditional logic, symbolic logic, epistemological logic, multivalued logic, pragmatic logic

170 ETHICS

Theory of right way of life, and basis of judgments concerning right and wrong, good and bad, better or worse in human conduct and social institutions

For Social institutions and relationships, see Sociology, 301.4; Manners and customs, 390's

171 THEORETICAL ETHICS

Includes ethical problems, e.g. nature of summum bonum, origin and validity of sense of duty, character and authority of moral obligation; ethical theories, e.g. those that consider happiness to be the greatest good, theories of self-realization, theories resting upon relation of man to universe

172 It is recommended that **POLITICAL ETHICS** be classified in 177

For Political corruption as a social problem, see 301.46

.4 It is recommended that **International Ethics** be classified in 177

For International law and cooperation, see 341

173 It is recommended that **FAMILY ETHICS** be classified in 177; **MARRIAGE AND THE FAMILY** in 301.422

For Marriage and family customs, see 392; Sex physiology and hygiene, 612.6

174 It is recommended that **PROFESSIONAL** or **BUSINESS ETHICS** be classified with Professions or Businesses, e.g. Medical Ethics, 610; Legal Ethics, 340

175 It is recommended that **ETHICS OF RECREATION** be classified in 177

176 It is recommended that **SEXUAL ETHICS** be classified in 177; **PROSTITUTION** as Social Problem, 301.424

For Sex physiology and hygiene, see 612.6

177 SOCIAL OR APPLIED ETHICS

Includes evolution of ethics in its relationship to social institutions; application of ethics in solving problems of social life

178 It is recommended that **ETHICS OF TEMPERANCE** be classified in 177; **ALCOHOLISM** and **DRUG ADDICTION** as Social Problems in 301.46

For Medical treatment of Alcoholism and the drug habit, see 616.86; Temperance movement in the U. S., 973.91

179 INDIVIDUAL ETHICS

Includes origin and growth of moral consciousness in the individual; conduct of life

180 ORIENTAL AND ANCIENT PHILOSOPHY

History Doctrines Schools or systems

For Comprehensive history of philosophy, see 109; Biography of philosophers, 921

181 ORIENTAL PHILOSOPHY

Includes modern oriental philosophy

.1 Chinese Philosophy

Includes philosophy of Confucius, Mencius

For Chinese religions, e.g. Confucianism and Taoism, see 299; Chinese Buddhism, 294.32

.3 Jewish Philosophy

Includes philosophy of Philo Judaeus, Maimonides

For Judaism, see 296

.4 Indian Philosophy

Includes Nyaya, Vaisesika, Mimamsa philosophies

For Buddhism and Jainism, see 294.3-.4

.41 Samkhya Philosophy

Includes philosophy of Kapila

.45 Yoga Philosophy

Includes philosophy of Patanjali

.48 Vedanta Philosophy

Includes philosophy of Samkara, Ramanuja, Madhva

182 PRE-SOCRATIC PHILOSOPHY

Includes Milesian and Eleatic schools, Pythagoreans, the Atomists, philosophy of Heraclitus, Empedocles, Anaxagoras

183 SOPHISM AND SOCRATIC PHILOSOPHY

Includes the lesser Socratics, e.g. Megarics, Cynics

184 PLATONIC PHILOSOPHY

For Plato's literary works, see 888

185 ARISTOTELIAN PHILOSOPHY

For Aristotle's literary works, see 888

186 SCEPTICISM AND NEO-PLATONISM

Scepticism was formerly classified in 149.7

Includes philosophy of Pyrrho, Plotinus

187 EPICUREANISM

188 STOICISM

Includes philosophy of Seneca, Epictetus, Marcus Aurelius

189 MEDIEVAL PHILOSOPHY

Includes Patristic period, Gnosticism, Scholasticism, Averroism, philosophy of St. Augustine, St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard

190 MODERN PHILOSOPHY

History Doctrines Schools or systems

Includes philosophic doctrines and systems which cut across national boundaries, e.g. Materialism, Idealism and Transcendentalism, Empiricism and Pragmatism, Intuitionism, Neo-Realism, General Semantics, formerly classified in 140's

For Comprehensive history of philosophy, see 109; Biography of philosophers, 921

191 AMERICAN PHILOSOPHY

Includes philosophy of John Dewey, Willian James, Charles Peirce, Josiah Royce, George Santayana

192 BRITISH PHILOSOPHY

Includes philosophy of Bacon, Locke, Berkeley, Hume, John Stuart Mill, Spencer, Hobbes, Russell, Whitehead

193 GERMAN PHILOSOPHY

Includes philosophy of Leibniz, Kant, Fichte, Schelling, Hegel, Schopenhauer, Nietzsche, Wundt, Husserl, Herbart, Heidegger, Spengler

194 FRENCH PHILOSOPHY

Includes philosophy of Descartes, Condillac, LaMettric, Comte, Taine, Bergson, Sartre, Renouvier

195 ITALIAN PHILOSOPHY

Includes philosophy of Telesio, Croce, Gentile, Bruno

196 SPANISH AND PORTUGUESE PHILOSOPHY

Includes philosophy of Ortega, Turro, Unamuno

197 RUSSIAN PHILOSOPHY

Includes philosophy of Berdiaev, Roerich

198 SCANDINAVIAN PHILOSOPHY

Includes philosophy of Kierkegaard, Hoffding

199

OTHER MODERN PHILOSOPHIES

May be divided like 940-999 except as provided above

.492

Dutch Philosophy

Includes philosophy of Spinoza, Geulincx, Hemsterhuis

.8

Spanish-American Philosophy

200 Religion

For Comparative religions, see 290; Form division 01-09 p. lv, expansion in .01 follows:

201.6

Psychology of Religion

For Pastoral counseling, see 253.5

210 NATURAL RELIGION

Religious truth arrived at by means of philosophical speculation or reasoning without aid of supernatural revelation
Includes evidence of divine purpose in nature; good and evil, theodicy, worship

For Christian theology, see 230; Theology in comparative religion, 291.2

211 DEISM ATHEISM THEISM

Theories concerning God based on philosophy of reason, e.g. personal God, impersonal God, denial of idea of God

For Concepts of God based on revelation, see specific theology, e.g. Christian, 231; Judaic, 296.3; Mohammedan, 297; Christian apologetics, 239; Deism in church history, 270.7; Atheism in church history, 270.8; New thought, 131.32

212 PANTHEISM THEOSOPHY

For Theosophy founded by Blavatsky, see 294.58

213 CREATION

Religious theories concerning birth of the world

For Cosmology, see 113; Genesis, 222.1; Man in Christian theology, 233; Geology, 550; Evolution, 575; Attempts to reconcile religious theories with science, 215

215 RELIGION AND SCIENCE

Includes antagonism or reconciliation between science and revealed religion; Bridgewater treatises

For Science, see 500

218 IMMORTALITY

Includes conceptions of future life

For concepts based on revelation, see specific religion, e.g. Christian, 236-237; Soul in Christian theology, 233.5

220-269 CHRISTIAN RELIGION

220 BIBLE

Includes Old and New Testaments

For Old Testament, see 221; New Testament, 225; Apocrypha, 229; Form divisions, .01-.02 and .04-.08, see p. lv

220.1

Biblical Criticism

.12

Canon

Consideration of Bible as Holy Scripture

.13

Inspiration

.14

Authorship

.15

Prophetic Message

Word of God spoken by his prophets

For Prophecies concerning Messiah in Judaic eschatology, see 296.3; Prophecies concerning Christ as Messiah, 232.1; Prophecies concerning Christian eschatology, 236-237

.2

Concordances Analyses

.3

Dictionaries

.4

Early Texts and Primary Versions Codices

Texts in original language and translation into ancient languages, e.g. Vulgate; codices before 5th century A.D., e.g. Codex sinaiticus

Includes whole Bible and parts

For Early texts and versions of Old Testament, e.g. Septuagint, see 221.4; New Testament, 225.4; Translations into modern languages, 220.5

.5

Other Versions of Bible

Translations into modern languages using primary versions as sources, e.g. King James version, Douai version

Includes polyglots and selections

May be divided by language like 400, e.g. Bible in German, 220.53

For Rare books, see 090; Translations of specific early versions, 220.4

220.6

Exegesis

Explanation of meaning of Bible, symbolism and typology

Includes understanding of Bible in different times and places; methods of textual, representative and spiritual interpretation

For Interpretations limited to specific subject, see subject, e.g. Theology, 230

.7

Commentaries on Whole Bible

Includes annotated editions

For Notes on Old or New Testament, or portions, see 221-229

.8

Treatises on Special Topics

Includes natural science in Bible

.9

Biblical Geography and History

History and geography based on Bible

Includes chronology

.91

Geography and Description

For Description of Judea in ancient times, based on more sources than Bible, see 933

.92

Biographies of Biblical Characters

For Biography of ministers and missionaries, see 920; Biographies of Jesus Christ, 232.9

.93

Biblical Archeology

For Archeology, see 571; Antiquities of Palestine based on more sources than Bible, 933

.95

History Based upon Bible

Includes retelling of Bible stories

For Ancient Judean history, see 933

221

OLD TESTAMENT

May be divided like 220, e.g. Septuagint, 221.4

For Judaic religion, see 296

- 222 **HISTORICAL BOOKS**
- .1 **Pentateuch Torah**
Includes Genesis, Exodus, Leviticus, Numbers, Deuteronomy
- .16 **Decalog Ten Commandments**
- .2 **Joshua .6 Chronicles**
- .3 **Judges and Ruth .7 Ezra**
- .4 **Samuel .8 Nehemiah**
- .5 **Kings .9 Esther**
- 223 **POETIC BOOKS**
- .1 **Job**
- .2 **Psalms**
- .5 **Liturgical Use by Christians Metrical Versions**
For Anglican psalter, see 264.03; Hymnology, 245
- .6 **Commentaries on Psalms**
- .7 **Proverbs**
- .8 **Ecclesiastes**
- .9 **Song of Solomon, or Canticles**
- 224 **PROPHETIC BOOKS**
- .1 **Isaiah .5 Daniel**
- .2 **Jeremiah .6 Hosea**
- .3 **Lamentations .7 Joel**
- .4 **Ezekiel .8 Amos**
- .9 **Other Minor Prophets**
Includes Obadiah, Jonah, Micah, Nahum, Habakkuk, Zephaniah, Haggai, Zechariah, Malachi
- 225 **NEW TESTAMENT**
May be divided like 220, e.g. Codex Beza, 225.4

- 226 **GOSPELS AND ACTS**
- .1 **Harmonies .6 Acts of Apostles**
- .2 **Matthew .7 Miracles**
- .3 **Mark .8 Parables**
- .4 **Luke .9 Lord's Prayer**
- .5 **John**
- 227 **EPISTLES**
- .1 **Romans .5 Ephesians**
- .2 **Corinthians I .6 Philipians**
- .3 **Corinthians II .7 Colossians**
- .4 **Galatians**
- .8 **Other Pauline Epistles**
Includes Thessalonians I, II, Timothy I, II, Titus, Philemon, Hebrews
- .9 **Catholic Epistles**
Includes James, Peter I, II, Jude, John I, II, III
- 228 **APOCALYPSE REVELATION**
- 229 **APOCRYPHA AND PSEUDEPIGRAPHA**
Includes Apocrypha of Old Testament (Esdras I, II, Tobit, Judith, Esther, Wisdom, Ecclesiasticus, Baruch, Epistle of Jeremy, Song of Three Children, Story of Susanna, History of Bel and Dragon, Prayer of Manasses, Maccabees I, II, III, IV)
- .9 **Old Testament Pseudepigrapha**
Includes historical, poetic, prophetic books; Jubilees, Jewish apocalypses, Testaments

229.92-.95

PSEUDEPIGRAPHA OR APOCRYPHA OF NEW TESTAMENT

- .92 Pseudepigrapha of Acts of Apostles
- 229.93 Pseudepigrapha of Epistles
- .94 Pseudepigrapha of New Testament Apocalypses
- .95 Other New Testament Pseudepigrapha
Includes Sayings of Jesus

230 SYSTEMATIC OR DOCTRINAL THEOLOGY

Organization and expounding of doctrines of Christianity, variously called dogmatic theology, dogmatics

May be divided by denomination like 280-289, e.g. Baptist theology, 230.6

For *Philosophy of nature in religion*, see 210; *Denominations and sects*, 280; *Specific doctrines, the subject*, e.g. *salvation by grace*, 234.1; *Heresies*, 270.1-.8

231 GOD

Includes God as revealed in Bible; divine attributes (omniscience, omnipresence, omnipotence); divine love and wisdom

.3 Trinity

Doctrine of God (Father, Son and Holy Ghost)

.7 Revelation

Disclosure to men of divine purpose or superhuman knowledge, generally in ways beyond human understanding
Includes miracles, miraculous places; objects (relics, statues, images) vision and appearing of God; Stigmata

For *Saints*, see 235.2

.8 Theodicy

Vindication of God's justice and goodness in permitting existence of evil and suffering

For *Sin*, see 233.2; *Angels and devils*, 235; *Heaven and hell*, 237.4-5

232 CHRISTOLOGY

Doctrinal exposition of nature of Jesus Christ and his redemptive work

.1 Incarnation, Messianic Christology

Includes prophecies of coming of Christ; virgin birth

For *Prophecies on Christian eschatology*, see 236

.3 Atonement

.5 Resurrection

- 232.6 **Second Coming**
- .8 **Divine Humanity**
Includes controversies over divinity of Christ
- .9 **Life of Christ**
Includes teachings
For Pseudepigraphal sayings of Christ, see 229.95; Biographies of Bible characters, 220.92
- .92 **Infancy**
Includes nativity, adoration of shepherds, three wise men, circumcision, massacre of innocents, flight into Egypt, retired life in Nazareth, presentation in temple, Jesus among doctors
- .93 **Holy Family**
Includes Mary, Immaculate Conception, Joseph, parents of Mary: Anne and Joachim
- .95 **Public Life of Christ**
Includes baptism, temptation, calling apostles, transfiguration, Lord's Supper, last words
For Miracles of Christ, see 226.7; Parables of Christ, 226.8
- .96 **Passion of Christ**
Includes betrayal by Judas, trial, condemnation, crucifixion, death, burial, relics of passion, descent into hell
- .97 **Resurrection and Ascension**
- .99 **Legendary and Imaginative Accounts of Christ**
Includes poetry, drama, fiction
- 233 **MAN**
Includes nature of man (accountability, natural and spiritual body, personality, freedom)
For Science and religion, see 215; Creation and evolution, 215; Theodicy, 231.8
- .1 **Creation and Fall of Man**
Includes original sin
For Old Testament Bible stories, see 221.95

- 233.2 **Sin**
Includes mortal and venial sin, sins against Holy Ghost
- .5 **Soul**
- 234 **SOTERIOLOGY**
Part of systematic theology dealing with salvation
Includes redemption, regeneration, repentance, obedience, justification, sanctification, predestination and freewill
For Freewill in philosophy, see 123; Will in psychology, 159
- .1 **Grace**
Includes actual and sanctifying grace, merit, innate virtues, gifts of Holy Ghost
- .2 **Faith**
Confidence in reality and trustworthiness of something that cannot be absolutely proved
For Authority of church, see 262
- 235 **SAINTS ANGELS DEVILS**
- .2 **Saints**
For Miracles, see 231.7; Martyrs, 270.1-.8; Biographies of saints, 920
- .3 **Angels**
- .4 **Devils Satan**
- 236 **ESCHATOLOGY**
End of present order on earth and establishment of that of eternity
Includes death, intermediate state (purgatory, paradise, limbo) resurrection, judgement
For Christology, see 232
- 237 **FUTURE LIFE**
Includes eternity, retribution, eternal punishment
For Future life based on reason, see 218
- .2 **Immortality**
- .4 **Heaven**
- .5 **Hell**

- 238 **STATEMENT OF FUNDAMENTAL
RELIGIOUS BELIEF**
Includes creeds, e.g. Apostles, Nicene, Athanasian; Confessions of faith, covenants, catechisms
May be divided like 280-289, e.g. Greek Church, 238.19

- 239 **APOLOGETICS**
Exposition of Christian doctrines intended to refute alleged errors in other systems
Includes polemics; methods of apologetics
For Exposition of Christian doctrine, see 230; Controversies over specific Christian doctrines, 231-237, e.g. Divinity of Christ, 232.8

239.1-239.9

CHRISTIANITY AND UNBELIEVERS

- .1 **In Apostolic Times**
Includes apologetics versus Jews (formerly classified in .2), Pagans (formerly classified in .3), Neo-Platonists (formerly classified in .4)
- .2-.4. *IT IS RECOMMENDED THAT Apologetics versus Jews, Pagans, Neo-Platonists BE CLASSIFIED IN 239.1*
- .5 **Versus Deists**
Includes English and Scotch deists
- .6 **Versus Encyclopedists**
- .7 **Versus Rationalists**
Includes apologetics versus agnostics
- .8 **Versus Materialists**
- .9 **Versus Other Unbelievers**
Includes apologetics versus Mohammedans, Buddhists

240 DEVOTIONAL THEOLOGY

Experience of quiet confidence in communion with God
Includes books conducive to such experience

- 241 **MORAL THEOLOGY**
Christian ethics
Includes codes of Christian conduct taught by churches, e.g. faith, hope, charity, love; duties, golden rule, casuistry
For Personal religion, see 248; Catechism, 238; Ethics, 170
- 242 **MEDITATION**
Includes readings
- .1 **Thomas à Kempis**
- .2 **Daily Devotions, Readings**
- .3 **Meditations for Religious Occasions**
Includes church year, Lent, retreats
- .4 **Consolatory Readings**
Includes readings for illness, trouble, death
- 243 It is recommended that **EVANGELISTIC READINGS** be classified in 269
- 244 **STORIES ALLEGORIES SATIRES**
Works designed to lead men and women toward religious way of life rather than as literature
For Bible stories, see 220.95; Fictionized life of Christ, 232.99; Literature, 800; Religious education, 268
- 245 **HYMNOLOGY**
Hymns without music, religious poems
May be divided by language like 400, e.g. collection of hymns in English, 245.2
For Psalms, see 223.5; Hymns with music, 783.9; Religious education, 268

246

CHRISTIAN SYMBOLISM

Includes use and symbolism of art in religious services and buildings; icons, altars, chancels, halos, holy water

Use as inclusive number for 246 and 247
 For Religious art collections, see 704.948; Early Christian art, 709.02; Architectural design of churches, 726.5; Sacred music, 783; Non-Christian symbolism, 291.32

247

ESTHETICS IN THE CHURCH

Includes use and symbolism of sculpture, paintings, vestments, altar cloths, crucifix, incense, eucharistic vessels, fonts

For Religious sculpture, see 734; Religious painting, 755; Furniture and accessories, 749; Religious vessels, 739.2; Art needlework and tapestry, 746; Stained glass, 748.5

248

PERSONAL RELIGION

Spiritual life as an inner experience
 Includes asceticism, mystical experience, abstinence, conversion, fanaticism, direct communication with God through prayer

For Ethics, see 170; Moral theology, 241; Meditation, 242; Prayer, 264.1; Salvation, 234; Fasts and holidays, 394.2; Psychology of religion, 201.6

249

FAMILY DEVOTIONS

Includes table graces

250-260 THE CHURCH

250 PASTORAL THEOLOGY

Theory and practice of church administration; function of ministers as religious leaders of parishes

For Church services, see 264; Missions, 266; Religious education, 268

251

HOMILETICS

Preparation and delivery of effective sermons; preaching

For Public worship, see 264

252

SERMONS

Includes sermons on episcopal charges; doctrine and polemics

252.01-.09 may be divided by denomination like 280, e.g. Episcopalian sermons, 252.03

For Sermons on specific subjects, see subject, e.g. Sermons on family devotions, 249

.5

Sermons for Academic Occasions

.6

Sermons for Public Occasions

Includes Thanksgiving, Fast-days, public affairs

.7

Sermons for Ordination, Installation

.9

Memorial or Obituary Sermons

253

PASTOR

Spiritual leader of the church, variously called pastor, elder, priest, rector, preacher

Includes minister's life and everyday duties of his office

For Minister in church polity or hierarchy, see 262.14

.2

Pastoral Life

Includes qualifications, family life, celibacy

For Theological seminaries, see 207

.5

Counseling

Includes pastoral calls, pastoral psychology, visiting sick, handling individual problems

For Psychology of religion, see 201.6

- 254 **CHURCH ADMINISTRATION**
Includes program planning and financing, membership, budget and expenditures, records and office methods, buildings and equipment
For Organization, see 262
- .2 **Urban and Rural Church Work**
- .3 **Radio Religious Work**
- .4 **Public Relations**
- .8 **Raising Money Financing Campaigns**
Includes tithing, gifts, bequests
- 256 It is recommended that **SOCIETIES FOR PARISH WORK** be classified in 267
- 258 **SOCIAL WELFARE WORK OF CHURCH**
Agencies and techniques in which social motive finds expression in religious groups
For Pastoral counseling, see 253; Philanthropy, 360
- 259 **GROUP ORGANIZATIONS AND LEADERSHIP**
Includes church entertainments, recreational facilities, church work with groups, e.g. children, soldiers, students, young people, adults

260 ECCLESIASTICAL THEOLOGY

Christian church institutions and services
Use as inclusive number for 250-260

- 261 **CHRISTIAN SOCIAL THEOLOGY**
Attitude and influence of Christianity on politics, social and economic conditions
Includes religious utopias
For Moral theology, see 241; Sociology of religion, 301.4; Social customs, 390; Religious history, 270
- .6 **Christianity and World Order**
Includes war, peace, pacifism, universal nationalism, internationalism
For Peace plans and movements, see 341.1; Sociological aspects of war, 301.46
- .7 **Christianity and Political Order**
Includes Christianity and democracy, communism
For Church and state, see 322.1
- .73 **Religious Liberty**
For History of conflicts over religious liberty, see 270
- .8 **Christianity and Socio-Economic Problems**
Includes marriage and family, race relations; education, religion and material welfare, living conditions, labor problems
For Marriage and family, see 301.422; racial minority groups, 301.45; Religious education, 268; Social welfare, 360; Social customs, 390
- .85 **Economic Order**
Includes property, business, capitalism, socialism
- 262 **CHURCH GOVERNMENT**
Theory and practice of ecclesiastical organization
Includes geographic units of organization, e.g. diocese; central governing leaders, e.g. synods, council; lay bodies, e.g. congregations
For Church work, see 250; Proceedings of conventious, 280

- 262.1 **Church Hierarchy**
Ruling powers
- .12 **Episcopacy**
- .13 **Papacy**
- .14 **Clergy**
Group within church appointed and usually ordained to conduct worship, administer sacraments and carry on general work of church; variously termed orders, ministry
Includes priests, deacons, bishops
- .9 **Church Law**
Includes courts, trials
Church law was formerly classified in 348
- 263 **CHRISTIAN SABBATH**
Includes Sunday observance
For Judaic Sabbath, see 296.4
- 264 **PUBLIC WORSHIP**
Includes liturgics, divine services in church, Sunday schools (formerly classified in 268), prayer meetings, conference meetings; prayer books, scripture readings, antiphonal or responsive readings, sacramentals, question of music in church services
264.01-.09 may be divided like 280, e.g. Episcopal services and liturgy, 264.03
For Creeds, see 238; Sermons, 252; Sacred music, 783; Symbolism in ecclesiology, 246-247; Fasts and holidays, 394.2
- .1 **Prayer**
For Table graces, see 249
- 265 **SACRAMENTS**
Established rite for administration of religious ceremonies
Includes consecration and dedication ceremonies
- .1 **Baptism**
- .2 **Confirmation**
- .3 **Eucharist**
The Lord's Supper Holy communion

- 265.4 **Holy Orders**
Ordination
- .5 **Marriage**
- .6 **Penance**
Includes confession, absolution, indulgences
- .7 **Extreme Unction**
- .8 **Religious Ceremonies for Sick and Dead**
For Pastoral counseling, see 253.5; Use of religion in treatment of disease, 615.85; Disposal of dead, 614.6
- 266 **MISSIONS**
Includes domestic and foreign and parish missions (formerly classified in 269)
Where interest in foreign missions lies chiefly in relation to religious history, class in 274-279
266.1-.9 may be divided like 280, e.g. Roman Catholic missions, 266.2
- 267 **RELIGIOUS ASSOCIATIONS**
Includes denominational societies; local (formerly classified in 256), national and international; associations for men or women, or both
For Bible and tract societies, see 206; Missionary societies, 266; Councils and federations of churches, 280.1
- .3 **Young Men's Christian Associations**
For Y.M.H.A., see 296.6
- .5 **Young Women's Christian Associations**
For Y.W.H.A., see 296.6
- .6 **Religious Societies of Young People**
Includes Christian endeavor
For Young people's societies, see 369.4

268

RELIGIOUS EDUCATION

Religious instruction in Sunday schools, church schools, or denominational agencies
Includes administration, buildings, equipment, personnel

For Theological seminaries, see 207; Education, 370; Religious architecture, 726.4; Religious group organization and leadership, 259

.4

Organization

Includes Sunday school, weekday, vacation, nursery schools; membership, system of departments, promotion and diplomas

.6

Methods of Teaching

Includes curricula, lessons and lesson plans, manuals, visual aids

For Bible stories, see 220.95; Fictionized lives of Christ, 232.99; Religious stories, 244; Hymns, 783.9; Fasts and holidays, 394.2

.61

Special Methods

Includes methods adapted to age groups, e.g. preschool children, adolescents, youth, adults and young adults

.8

Denominational Religious Education

269

EVANGELISM

It is recommended that Retreats be classified in 242.3; Parish; missions in 266

For Personal religion, see 248; Evangelistic revival hymns, 783.7

.2

Revivals**270-273 MOVEMENTS WITHIN CHRISTIAN CHURCH****270 CHRISTIAN CHURCH HISTORY**

For History of Christian church in specific countries, see 274-279; History of specific Christian denomination, sect, or group, 280; Biblical history, 220.9; History of religion, 209

270.1-270.2 ANCIENT CHURCH**Christian church to 787 A.D.**

For Collected works of early theologians, see 281.1-.4; Ancient history, 930

270.1

Apostolic Age, to 325 A.D.

Christ to Constantine

For History based on New Testament, see 225.95

.2

Ecumenical Councils, 325-787 A.D.

Period of centralization

.3

Medieval Church

.5

Renaissance Church

Includes Innocent III, papal schism, Avignon, nominalism vs realism, Greek church under Moslems, medieval dissent, Inquisition

270.6-270.8 MODERN CHURCH**Christian church from 1517**

.6

Reformation and Counter Reformation, 1517-1648

Includes Council of Trent, Diet of Augsburg, Protestant revolt and Luther, Melancthon, Calvin, Knox, religious wars

For Reformation in specific country, see 274-279; Protestantism, 284

.7

Peace of Westphalia to French Revolution, 1648-1789

.8

Modern Church, 1789-

Age of rationalism

Includes atheism, pantheism, science and influence on Christianity; division and differentiation among Christians

- 271 **RELIGIOUS ORDERS**
Includes monasticism, monastic foundations, monasteries
For Architecture of monasteries, see 726.7
- .1 **Benedictines**
Includes Cistercians, Trappists, Olivetans
- .2 **Dominicans**
- .3 **Franciscans**
Includes Capuchins
- .4 **Augustinians**
- .5 **Jesuits**
- .7 **Other Catholic Orders**
Includes Carthusians, Carmelites, Sulpicians, Christian Brothers, Oblates, Lazarists
- .8 **Protestant Brotherhoods**
- .9 **Sisterhoods**
Includes Catholic Sisters of Mercy, Sisters of Charity, Carmelites, Ladies of Sacred Heart, Little Sisters of Poor, Ursulenes
- .98 **Protestant Sisterhoods**
- 272 It is recommended that **PERSECUTIONS OF CHRISTIANS** be classified in 270.1-.8 or with country in 274-279
- 273 It is recommended that **HERESIES** be classified in 270.1-.8 or 274-279
- 274-279 **HISTORY OF CHRISTIAN CHURCH IN SPECIFIC COUNTRIES**
May be divided like 940-999, e.g. history of religion in Scotland, 274.1
For Census of religions, see 312.9

280 CHRISTIAN CHURCHES AND SECTS

- History Doctrine Homiletics Institutions and services
Includes church unity
It is recommended that future consolidation of denominations be classified in shortest number, e.g. uniting Protestant Episcopal church in U. S. and Presbyterian church in U. S. A., 283.73; if numbers are of equal length, use first number, e.g. unification of Congregational churches in U. S. and Disciples of Christ, 285.873
For Process of diversification and differentiation within Christian church, see 270; Church government, 262
- 280.1 **Ecumenical Movement**
Harmonious relations between Christian churches, denominations
For Organization of ecumenical councils, see 262; History of early ecumenical councils, 270.2
- 281 **PRIMITIVE CHURCHES**
Includes Oriental Christian churches (Armenian, Coptic, Abyssinian, Syrian)
For Ancient history of Christian church, see 270.1-2
- 281.1-289.9 **SPECIFIC CHURCHES, SECTS**
May be divided like 940-999
- .1 **Apostolic Church to 1054**
Includes works of apostolic and church fathers
For Apocryphal works, see 229
- .3 **Ante-Nicene, 100-325**
- .4 **Post-Nicene, 325-1054**
- .9 **Eastern or Greek Orthodox Church**
For History of schism between East and West, see 270.3
- 282 **ROMAN CATHOLIC CHURCH**

283-289 PROTESTANT SECTS
May be divided like 940-999

- 283 **ANGLICAN CHURCH**
Includes Church of England, Episcopal Church in Scotland, Church of England in other countries, Protestant Episcopal Church in America
- 284 **PROTESTANTISM**
Inclusive works on Protestant sects
For History of Protestant movement, see 270-279
- .1 **Lutheran Churches**
- .2 **Reformed or Calvinistic Churches in Europe**
Includes Arminians, Remonstrants
For Huguenots, see 284.5; Reformed Church in America, 285; Calvin in church history, 270
- .3 **Hussites**
Includes Anabaptists
- .4 **Waldenses and Albigenses**
- .5 **Huguenots**
- .6 **Moravians**
- .7 **Scandinavians**
- .8 **Modern Schisms in Catholic Church**
Includes Old Catholic, Jansenists
- 285 **PRESBYTERIANISM, CONGREGATIONALISM AND REFORMED BODIES**
- .1 **Presbyterian Church in America**
Includes Presbyterian Church of U. S. A. (North), Presbyterian Church of U. S. (South)
- .2 **Presbyterian Church in British Empire**

- 285.7 **Reformed Bodies in America**
Includes Christian Reformed Church, Reformed Church in America, Evangelical and Reformed Church [Reformed Church in U. S. (German) and Evangelical Synod of North America]
- .8 **Congregationalism**
Includes Congregational Christian Church (Congregational and Christian Church)
- .9 **Puritanism**
For Puritanism which became Congregationalism in America, see 285.8
- 286 **BAPTIST CHURCHES AND OTHER IMMERSIONIST SECTS**
Includes Freewill or Free Baptists, Old School or "Hard shell" Baptists, Seventh-Day Baptists
- .1 **Calvinistic or Regular Baptists**
- .6 **Disciples of Christ**
Includes Campbellites, Christians
- .7 **Adventist Bodies**
Includes Seventh-Day Adventists, Church of God
- 287 **METHODISM**
Includes Wesleyan Methodists, Calvinistic Methodists
- .6 **Methodist Church (America)**
Includes Methodist Episcopal Church, Methodist Episcopal Church South and Methodist Protestant Church
- .8 **Methodism Among Negroes**
Includes African M. E. Church, Colored M. E. Church, African M. E. Zion Church
- 288 **UNITARIANISM**
Includes Socinianism
- 289 **OTHER CHRISTIAN SECTS**
- .1 **Universalism**

- 289.2 **Will Remain Unassigned**
It is recommended that libraries specializing in literature of a sect which has not been assigned an individual number, use 289.2 permanently
- .3 **Latter Day Saints**
Includes Church of Jesus Christ of Latter Day Saints; Mormons
- .4 **New Church or Swedenborgianism**
- .5 **Christian Science**
- .51 **Authorized Works**
- .52 **Unauthorized Works**
- .6 **Friends**
Includes Hicksite (Liberal), Society of Friends (Orthodox)
- .7 **Mennonites**
Includes Amish, Church of God in Christ
- .8 **Shakers**
- .9 **Other Christian Sects**
Includes Churches of God, Churches of Christ, Pentecostal Assemblies, Salvation Army, Spiritualists
- .92 **Brethren**
Includes Brethren Church, Church of Brethren, Church of God, Old German Baptist Brethren, Plymouth Brethren; Dunkards
- .93 **Evangelical Bodies**
Includes Evangelical United Brethren Church (Evangelical Church and Church of United Brethren in Christ)

290 NON-CHRISTIAN RELIGIONS

Founders Sacred books Doctrine

Includes comparative religion

291 COMPARATIVE MYTHOLOGY

Includes religious topics, sacred books and sacred persons, priestcraft

For Specific mythology, see religion, e.g. Celtic mythology, 299.16; Religion in cultural anthropology, 572.7; Sociology of religion, 301.4; Folklore, 398

.2 Doctrinal Theology

Includes divinities, gods, animism, fetishism, totemism, nature-worship; animals, celestial bodies, fire, earth; worship of human beings: ancestors, dead; phallicism or sex-worship

.3 Forms of Worship**.35 Sacred Places****.37 Symbolism**

Includes Swastika, cross

292 GREEK AND ROMAN RELIGION AND MYTHOLOGY**293 TEUTONIC AND NORTHERN RELIGION AND MYTHOLOGY****294 BUDDHISM AND BRAHMANISM**

In Japan, Korea, Philippines, Malaysia, China
Includes religions deriving from them; Brahman Sacred Books (Vedas, Upanishads, Mahabharata and Bhagavadgita)

.1 Vedic Religion**.3 Buddhism**

Includes Southern Buddhism

.32 Northern Buddhism (China, Japan, Korea)

Includes Lamaism (Tibet, Mongolia)

.4 Jainism

- 294.5 **Hinduism**
Changes introduced into Brahmanism after struggle with Buddhism
Includes Sikhism, Saktism and Brahmo-Somaj
- .58 **Theosophy**
Cult founded by Helene Blavatsky
- 295 **NON-SEMITIC ASIATIC RELIGIONS**
Includes Iranian religions (Parseeism, Zoroastrianism, Mithraism, Mazdaism)
- 296 **JUDAISM**
For History and archeology based on Bible, see 221.9; Jewish sects of Bible times, 221.95; Christian missions to Jews, 266; Jewish minority groups, 301.45; Political status of religious groups, 323.1; Refugee problem, 325.21; Ancient Jewish history, 933; Zionism and history of modern Palestine and Israel, 956.94
- .1 **Bible and Other Basic Sources**
Includes Midrash; Talmud (Mishna, Gemara, Halakah, Hagadah); Aboth; Responda
For Holy Scriptures, see 221; Pentateuch of Torah, 222.1; Bible stories, 220.95; Kabbalah and Zohar, 181.3
- .3 **Principles Theology**
Includes philosophical speculation on revelation and reason; concepts of God, universe, man, sin, atonement, salvation, angelology, eschatology; messiah, restoration, immortality; prophecies
For Prophecies concerning secular events, see 221.15, e.g. Restoration of national state of Israel; Works of Philo Judaeus, Maimonides, 181.3; Interpretation of Jesus Christ, 232.9
- .38 **Moral and Social Theology**
Includes Jewish law, ethics; international order, democracy, religious freedom, society, marriage and family
For Ethics, see 170; Philanthropy, 360

- 296.4 **Services Rights**
Includes hymns, responsive readings, Sabbath, piety; rites: circumcision, confirmation, marriage, funeral rites
For Legends, see 398.2
- .42 **Homiletics Sermons**
- .43 **Prayers**
Includes prayers for special occasions, e.g. Passover, Hagadah
For Fasts and holidays, see 394.2
- .6 **Jewish Institutions and Activities**
Includes polity, Temple, tabernacle, synagogue, Rabbi's work, administration of synagogue activities, organizations including individual societies, religious education, e.g. Y.M.H.A. and Y.W.H.A.
- 297 **MOHAMMEDANISM**
Includes Sacred Book (Koran)
- .8 **Bahaim**
- 299 **SEMITIC AND OTHER NON-CHRISTIAN RELIGIONS**
May be divided like 491-499, e.g. Babylonian, 299.219; Confucianism, Taoism, 299.51; Celtic, 299.16; except as provided above, e.g. Chinese Buddhism, 294.32; Judaism, 296; Mohammedanism, 297

300 Social Sciences

Sciences which deal with social conditions, relations and institutions which are involved in man's existence and well being as a member of an organized community

For Form divisions 2-8, see p. lv; exceptions 1 and 9 follow:

301 SOCIOLOGY

Study of man in the community; of group life, customs, traditions, institutions, and ways of thinking and living

.01 Sociological Theory and Method

Includes history, concepts, methodology

.1 Social Psychology

Study of interaction: of individuals with each other, of individual and his group, and of groups with each other

For Psychology, see 150

.12 Socialization and Personality

Place of social and cultural conditioning in development and operation of personality
Includes analysis of motivation, habits, attitudes and ideas; interactional determinants of personality (identification, projection, compensation, rationalization); effect of isolation on individual

For Psychological foundation of personality, see 137

.15 Collective Behavior

Spontaneous and elementary ways by which social order comes into existence in the sense of emergence and crystallization of new forms of collective behavior

For Organized forms of collective behavior, see specific subject, e.g. Customs, 390; Conventions, 301.152; Institutions and social organization, 301.4

301.152

Social Control

Use of overt force (censorship, fines, banishment, imprisonment, physical punishment, torture, death) and symbolic means (propaganda, advertising, indoctrination, insignia, honors, awards, satire, censure) to enforce or bring about prescribed or expected rules or actions

Includes informal controls of conventions, mores and public opinion (formerly classified in .154)

For Formal controls, see subject, e.g. Law, 340; Controls within labor groups, 331; Controls in economic production, 338; Controls within professions, the profession

.153

Social Movements

Collective enterprise to establish new order of life, arising in unrest and motivated both by dissatisfaction and hopes for a new scheme

Includes general social movements, e.g. labor, youth, peace movements; specific social movements, e.g. reform and revolutionary movements; expressive movements, e.g. religious and fashion movements

.154

It is recommended that **Public Opinion** be classified in 301.152

.155

Leadership

.158

Elementary Collective Groupings

Formation Characteristics Behavior

Includes crowds (casual, e.g. street crowds watching a performer; conventionalized, e.g. spectators at baseball games; expressive, e.g. carnival, dancing crowds of primitive sects; acting or psychological, e.g. lynching mob); mass; public

301.2

Culture and Social Change

Culture is totality of man's techniques, customs, traditions, institutions, values, and ways of interpreting world of nature and man

Includes cultural traits, patterns, complexes, larger units such as universal and total culture patterns; variability because of geographic isolation; varied adjustments to different kinds of climate, topography and resources; crises of disasters such as flood, fire, epidemic, war

For Cultural anthropology, see 572.7

.23

Social-cultural Processes

Includes socialization or enculturation, opposition (competition and conflict), cooperation, differentiation, and specialized forms (stratification, accommodation and assimilation or acculturation)

These processes were formerly classified in 301.1532-6

.24

Social-cultural Change

Includes theory of degeneration (Hesiod), flux or cyclic change (Plato, Aristotle, Spengler, Toynbee), genetic development (Darwin) and progress (doctrine of Western world)

For Social-cultural planning, see 309.2

.243

Processes of Social-Cultural Change

Invention or discovery Diffusion

Includes effects of technology, mass communication on culture

.3

Human Ecology

Study of population: composition, growth, decline, movement

Includes ecological processes of invasion, succession, specialization, centralization

For Demography or statistics of population, see 312; Human geography, 911; Race, 572; Migration, 325

301.32

Population

Both number of inhabitants and processes of immigration, colonization, settlement and natural increase or decrease

Includes problem of numbers, e.g. balance between numbers of population and sustenance; theories of Malthus and his successors (formerly classified in 312.1)

For Political aspect of migration and colonization, see 325; Statistical approach to population (census, vital statistics), 312

.323

Composition of Population

Includes problems of an aging population, differentials in birth and death rates, selection and quality of population by means of negative eugenics (elimination of unfit by segregation, sterilization, contraception) and positive eugenics (reproduction by superior stock)

Eugenics was formerly classified in 575.1

For Genetics, see 575; Vital statistics, 312

301.35-301.37 ECOLOGICAL ORGANIZATION

.35

Rural Community

Analysis of rural society and culture

Includes open country, village or towncentered, agricultural village and plantation types of community; changes due to commercialization and mechanization of farming; interaction; differences between rural and urban life

.36

Urban Community

Ecology, organizations and institutions, and distinctive interactional features and future trends of the modern city

Includes suburbs

.37

Regions

Includes metropolitan districts, intranational regions (geographic, political, economic basis)

For Planning, see 309.2

- 301.4 Social Organization and Institutions**
Includes political, economic, industrial and religious sociology, social disorganization or pathology
For Anthropology, see 572; Educational sociology, 370.19
- .42 Family**
- .422 Nature and Forms of Marriage**
Includes monogamy, polygamy, polyandry, companionate marriage; marriage prohibitions
- .423 Family and Social Order**
Includes effects of industrialization, urbanization, war upon family
- .424 Variations in Sex Life Outside Marriage Relationship**
Includes pre-marital relations, prostitution, homo-sexuality
- .425 Courtship Behavior and Mate Selection**
For Human genetics, see 613.9
- .426 Husband-wife Relationship**
Includes preparation for marriage; elements of successful marriage; marriage counseling; planned parenthood
For Sex instruction, see 612.6; Birth control, 612.3
- .427 Parent-child Relationship**
For Child care, see 649.1; Child psychology, 136.7
- .428 Family Dissolution**
Includes divorce
For Divorce as problem of social disorganization, see 301.46
- .43 Voluntary Associations**
Includes special interest groups
- .44 Social Stratification and Social Status**
Includes socio-economic groups, e.g. aristocracy, bourgeoisie, proletariat

- 301.45 Ethnic Groups**
Includes racial minorities, e.g. Negroes, Indians; socio-religious groups, e.g. Jews; social groupings and minority groups within a nation
For Anthropology, see 572; Colonization of specific countries, 325.4-.9
- .46 Social Disorganization**
Includes social problems caused by population maladjustment (over-population, distribution problems, e.g. rural-urban relationship; composition); by physical and mental disabilities (mental deficiency, mental disease); by economic maladjustment (unemployment, insecurity and old age, industrial accidents and occupational diseases, long hours and low wages, women and children in industry, labor groups); by cultural maladjustments (problems of culture contact, e.g. racial conflict, assimilation of racial and national groups); family disorganization, child welfare, crime, juvenile delinquency, war, suicide, decline of church
For Specific problem, see subject, e.g. Population maladjustment, 301.32; Economic maladjustment, 331; Cultural contact, 301.2; Family disorganization, 301.42; Child welfare, 362.7; Crime, 364; Juvenile delinquency, 364.3; War, 341; Social planning, 309.2
- 309 HISTORY OF SOCIAL SCIENCES**
- .1 Social Surveys**
- .2 Planning**
Includes comprehensive works on social and economic planning
For Planning in specific fields, see subject, e.g. City planning: Housing, 711.5; Social security, 368.4; Conservation of natural resources, 333.72; Agricultural production planning, 338.1; Economic policy or planning, 338.9
- .22 International Coordination and Planning**
For International cooperation, see 341; International relations, 327

- 309.23 **National Planning**
 .24 **Regional Planning**
 Planning on a geographic basis, e.g. T.V.A.
 .25 **State Planning**

310 STATISTICS

Classification and frequency of occurrence of different kinds of things or different attributes of things as basis for induction and inference

For Application to specific subjects (except population), see subjects, e.g. Social surveys, 309.1; Vital statistics, 312; Statistics of specific countries, 314-319; Form divisions .1-9, p. lv

311 STATISTICAL METHOD

Includes preparation of schedules, survey methods, tabulation, presentation (graphs, charts)

For Statistical method for specific subjects (except population), see subjects, e.g. Tabulation of statistical data in educational research, 370.78

.2 Mathematical Statistics

Includes design of experiment, sampling design, statistical control of quality

Where interest in mathematical statistics lies chiefly in mathematics, class in 519.9

312 DEMOGRAPHY

Statistical study and analysis of state and movement of human population inclusive of census enumeration, registration of vital processes and of whatever quantitative statistical analysis can be made on these bases

For Migration and settlement, see 325; Population theories and problems, 301.3

.1 Births and Birth Rates

Statistics and analyses of reported births

Includes registration of births; differentials in fertility and birth rates as shown in census reports and vital statistics

It is recommended that Limitation of birth rate, Malthusian theory be classified in 301.32

.2 Deaths and Death Rates

Statistics and analyses of deaths

Includes statistics of death due to specific causes

For Mortality and survival tables, see 368.3

- 312.5 **Marriage and Divorce Statistics and Rates**
Statistics and analyses
- .8 **Population Mobility**
Statistics and analyses of increase, decrease, movement of population
For Problems of increase or decrease of population, see 301.32
- .9 **Distribution and Characteristics of Population**
Statistics and analyses of population by age, sex, nationality, race, religion, education

314-319 GEOGRAPHIC STATISTICS

Includes only statistics too general to be classified with their subjects, e.g. Statistics of New York, 317.47

For Geographic statistics applied to specific subject, see subject, e.g. Medical statistics of New York, 610
May be divided like 940-999

320 POLITICAL SCIENCE

Theory Organization

State is politically organized body of people possessing both external and internal sovereignty, expressing its will by means of the agency of government
Includes politics

For Law, see 340; Public administration, 350; Political history, 900; Judicial branch of government, 347.9; Executive branch of government, 353; Political sociology, 301.4; Form divisions .2-.8, p. lv, exceptions in .1 and .9 follow:

320.1 Political Theory

Theory of origin, form, behavior and purpose of state
Includes distribution of peoples, ethnical unity; size, position and geographical unity of territory; frontiers and boundaries; acquisition and loss of territory; geo-politics

It is recommended that Nationalism be classified in 321.8
For Functions of government, see 322; Demography, 312

.15 Origin and Nature of State

Theories of origin, e.g. divine right, juridical, organismic, social contract, historical or evolutionary

.157 Sovereignty

Nature Location

Power of state: state is independent of compulsion or interference from other states, and absolute in authority over all individuals or associations of individuals within state

.158 Unity

Includes allegiance, loyalty, patriotism

For Group unity, see 301.15; Symbols of patriotism, 929.8-.9

- 320.9 History of Political Science and Theory**
Includes comparative government and descriptions of specific governments; civics
May be divided like 930-999, e.g. U. S. Government, 320.973
For Government of United Nations, see 341.13; Local government, 352; Political history, 900; Executive government, 353-354
- 321 FORM OF STATE AND GOVERNMENT**
Includes development of national state, e.g. patriarchal family, gens, clans, Oriental empire, Greek city state, Roman world empire, feudal state
It is recommended that Political uprisings be classified in 323.2; Non-selfgoverning territories, 325.3; Forms of government for colonies, 325.31; Empire, 325.3-.9; Forms of international organization, 341.1
For Comparative government and descriptions of individual governments, see 320.9; Political history, 900; Anthropological studies of primitive organizations, 572.7
- .01 Representative and Non-representative Government**
Includes relationship between executive, legislative and judicial branches; separation of powers between branches (formerly classified in 353-354)
For Legislative branch, see 328.3; Judicial branch, 347.9; Executive branch, 353-354
- .02 Unitary and Federal Government**
Includes powers distributed between national government and various degrees of local government; centralization and decentralization of powers
For Administration of local government, see 352
- .021 Federal State**
Form of state in which separate units, retaining their government and control over certain internal interests, relinquish or lose sovereignty and exist as component units of a single state
Includes federal-commonwealth relations; admission of commonwealth to union; doctrine of "state rights"
For Admission of commonwealth to United States, see 973

- 321.04 World State**
- .07 Ideal State**
Utopias
For Economic aspects of utopias, see 335
- .09 Change of Form of State**
It is recommended that Coups d'état and revolutions be classified in 323.2
- .6 Absolutism**
Includes national states not based on support of people, e.g. dictatorship, absolute monarchy
It is recommended that Modern dictatorship be classified in 321.85
- .8 National State**
Includes national states based on support of people; nationalism
- .82 Democracy**
Representative democracy Republic
- .83 Socialism**
For Economic aspects of socialism, see 335; Utopias, 321.07; Socialist parties, 329.8-.9
- .84 Communism**
For Economic aspects of communism, see 335.4; Communist parties, 329.8-.9
- .85 Fascism**
Includes Nazism, Falangism
Fascism was formerly classified in 321.6
For Economic aspects of Fascism, see 335.6

322 **PROVINCE AND FUNCTION OF STATE
AND GOVERNMENT**

Includes trends in separation of politics from some institutions and increasing governmental responsibility in others; functions not interfering with private enterprise; functions competing with private enterprise

Use as inclusive number for 322 and 323
For *Diplomatic functions*, see 327; *Military functions*, 355; *State and education*, 379; *Taxation*, 336.2; *Economic and social planning*, 309.2; *State and business*, 338.9

.1 **Church and State**

For *Attitude and effect of church on political order*, see 261.7

323 **RELATIONS OF STATE TO INDIVIDUALS
OR GROUPS**

Protection of individuals and groups against encroachment on part of state government; and by state government, against encroachment by other individuals or groups

For *Political liberty*, see 323.44; *Political parties*, 329; *Crimes against state*, 364.13

.1 **Nationalities, Races, and Religious Groups**

Political problems based on social and cultural interests involving groups

For *International migration and colonization*, see 325; *Public policy toward aliens*, 325.1; *Sociological aspects of minority groups*, 301.45; *Nationalism*, 321.8

.2 **Political Struggles**

Includes revolutions, revolts, riots, subversive activities

Coups d'état and revolutions were formerly classified in 321
For *International law of civil war*, see 341.39; *Crimes against state*, 364.13; *Martial law*, 355.9

.3 **Hereditary and Economic Classes**

Problems involving recognition of rights within state
Includes nobility, aristocracy, upper middle, lower middle class, bourgeois, laborers, proletariat, peasantry

For *Economic problems of laborers*, see 331

323.35 **Communities**

Includes urban, suburban and rural

For *Local government*, see 352; *Sociological aspects of communities*, 301.35-.37; *City planning*, 711

.4 **State and Individual**

Includes doctrine of natural rights or legal immunities of individuals which in a democratic state the state protects against interference, e.g. life, equality, pursuit of happiness, freedom from want, rights of assembly and of petition, property, limitation and suspension of civil liberties

.44 **Liberty**

Includes freedom of speech, religion, press, conscience, drama, art, academic freedom

For *National liberty, or external sovereignty*, see 320.157; *Freedom and censorship of specific activities, the subject*, e.g. *Press*, 070.13; *Movies and radio*, 792.93-.95

.6 **Citizenship**

For *Civics*, see 320.9; *Political liberty*, 324; *Dual citizenship in international law*, 341.51

.61 **Laws**

May be divided by country like 930-999, e.g. *citizenship laws of Brazil*, 323.6181

.62 **Naturalization**

.67 **Alien Privileges**

Includes passports

For *Aliens in international law*, see 341.51; *Regulation and control of aliens*, 325.1

324 **ELECTIONS AND SUFFRAGE**

Includes electorate as branch of government, e.g. powers demonstrated in party platforms, policies determined in initiative and referendum

For *Public opinion polls*, see 301.152; *Party platforms and policies*, 329; *Initiative and referendum*, 328

- 324.1 Suffrage**
Includes qualifications (age, sex, citizenship, residence, property, mental and moral, poll tax); movement for national ballots for qualified voters without permanent local residence
For Woman suffrage, see 324.3
- .2 Elections**
- .21 Voting Systems**
Includes plural (weighted or differential) and compulsory voting
- .22 Basis of Representation**
Includes functional, minority and proportional representation
For Legislative bodies and basis of representation, see 328.33
- .23 Nomination of Candidates**
Includes party conferences, caucus, direct primary, platform
- .24 Voting Procedure**
Includes registration; conduct and voting procedure, e.g. hours, polls, judges, clerks, secret ballot, certification of votes; absentee voting; voting procedure of electoral college
- .25 Ballot**
Includes short ballot, Australian system, second ballot, voting machines
- .27 Corrupt Practices**
Includes bribery, false registration and voting
For Corrupt practices in party politics, see 329; Contested seats in legislative bodies, 328.33; Crimes against state, 364.13
- .3 Woman Suffrage**
For Woman's position, see 396; Woman suffrage party of U. S., 329.8
- .4-9 Suffrage and Election by Country**
May be divided like 940-999, e.g. Suffrage and elections in India, 324.54

- 325 INTERNATIONAL MIGRATION AND COLONIZATION**
- Transference of residence from one country to another
For Demography, see 312; Domestic population policy, 301.32; Agricultural colonization, 333.76; Mobility and distribution of labor, 331.11; Migratory labor, 331.67
- .1 Immigration**
Policies Regulation Administration
Entrance into country to establish permanent residence or obtain employment
Includes official organization of immigrant service, treatment of immigrants; inspection, registration, fees, policy (restriction, exclusion, selection, quota systems)
For Immigration to special countries, see 325.4-.9; Alien privileges and passports, 323.67; Relations between state and minority groups within country, 323.1; Sociological aspects of minority groups, 301.45
- .2 Emigration**
Departure from one country or region to settle and reside in another
Includes emigration policy
- .21 Promotion and Assistance**
Includes transfer of population; displaced persons, refugees from viewpoint of immigration and emigration
For World War II refugees, see 940.531
- .24-29 Emigration and Emigration Policy of Specific Countries**
May be divided like 930-999, e.g. Chinese emigrants, 325.251
For Relations between state and minority groups within nation, see 323.1; Sociological aspects of minority groups, 301.45

- 325.3 Colonization**
Occupation and permanent settlement of territory by nationals of state under political control of that state; sometimes loosely used as extension of sovereignty by imperialist power over peoples and lands of weaker countries
Includes non-selfgoverning territories, spheres of influence; colonial empire
For *Political history of empires and of specific colonies*, see 930-999
- .31 Colonial Government**
Organization Administration
Includes international control (mandate and trusteeship control)
- .33-.39 Colonization by Specific Countries**
May be divided by nation controlling colonies like 930-999 e.g. *British Empire*, 325.342
- .4-.9 Colonization of Specific Countries**
May be divided like 940-999, e.g. *Immigration and colonization of Alaska*, 325.798
- 326 SLAVERY**
Includes serfdom, slave trade, antislavery and proslavery documents, emancipation
It is recommended that Socio-economic aspect of Negro problem be classified in 301.45
For *U. S. Civil War*, see 973.7
- .9 History of Slavery**
- 327 INTERNATIONAL RELATIONS**
International relations deal with what has been done or what is proposed to be done in given situations
Includes foreign policy
May be used as inclusive number for 327 and 341
For *Diplomatic history*, see 930-999, e.g. *Diplomatic history of France*, 944; *International law (what ought to be done or not done)*, 341; *International organization and world peace*, 341.1; *International law of diplomatic service*, 341.7; *Executive powers*, 353.03; 354; *Legislative powers*, 328.34; *Specific treaties, history of country*, e.g. *Treaty of Paris*, 973.32

- 327.3-.9 International Relations of Specific Countries**
May be divided like 930-999
For *Diplomatic history of specific countries*, see 930-999; *Geopolitics*, 320.1; *Nationalism*, 321.8
- 328 LEGISLATION**
Includes uniform laws, direct legislation (referendum, initiative)
For *Law*, see 340
- .1 Parliamentary Law**
- .3 Legislative Bodies**
Legislative branch of government
Includes sessions, their frequency, length and types; upper and lower chambers
For *Sessions law*, see 345.1, 346, 349
- .33 Membership**
Includes qualification, compensation, tenure, methods of selection, seating of new members, contested seats, legislative mandate or freedom of representation, apportionment of seats on geographic, functional, proportional bases, representation of minority parties, electoral districts, voting privilege, reapportionment reforms (Gerrymandering)
- .34 Powers**
Includes defined and implied powers, e.g. powers to investigate; powers to formulate statute law, to amend constitution, to control revenue and appropriations, to share responsibility in making treaties, and miscellaneous functions, e.g. power to judge elections, to investigate or punish members; privileges and immunities, prerogatives
- .36 Organization**
Includes procedure in suspension and investigation of members and in cases of impeachment, appointment and election of officers; organization of committees, subcommittees, and commissions; party officers, committees and party discipline; lobbying
For *Parliamentary law*, see 328.1; *Legislative manuals*, 08 under 328.4-.9; *Party politics*, 329

- 328.37 Procedure**
Includes petitions, addresses, joint resolutions, local and private legislation, legislative reference service, bills (technique in bill drafting, readings, calendars, vote taking)
- .39 Types of Legislative Bodies**
Includes unicameral, bicameral
- .4-.9 Legislative Bodies of Countries**
May be divided like 940-999, and further divided: 01 journals 02 debates 03 abstracts 04 documents 05 rules 08 legislative manuals 09 history. An exception may be made for U. S. and its component units by omitting 0, e.g. History of U. S. congress, 328.739; N. Y. (state) legislative manual, 328.7478. For other nations 0 is in some cases needed to avoid conflicting numbers, e.g. unless 0 is used, 328.469 could mean either legislative bodies in Portugal or history of legislative bodies in Spain
- 329 POLITICAL PARTIES**
Organization Campaign methods Conventions Functions
Includes party politics
For Elections, see 324; Nomination of candidates, 324.23; Political history, 900
- .01 U. S. Presidential Campaign Documents of All Parties**
- .02 Political Machines**
Includes bosses
For Political sociology, see 301.4
- .1 Federalist**
- .3 Democratic**
Includes Republican-Democratic or Jeffersonian Republican party
- .4 Whigs**
- .5 American or Know-nothing**
Includes Native Americanism

- 329.6 Republican**
Includes liberal Republican movements, e.g. Progressive party of 1912
- .8 Other U. S. Parties and Political Clubs**
Includes Prohibition, Greenback, Woman suffrage, People's (Populist) Socialist, Labor, Communist; political societies (formerly classified in 363)
- .9 Parties in Other Countries**
May be divided like 940-999, e.g. Political parties in France, 329.944

330 ECONOMICS

Study of problems men face in their attempts to satisfy their wants in a world of scarcity

For Form divisions .2-8, see p. lv; exceptions in .1 and .9 follow:

330.1

Economic Theory

Includes capitalism and free enterprise

For Theories of specific aspects of economics, see subject, e.g. Marginal utility in price determination, 338.522; Collectivistic systems of government, 335

.15

Schools of Economic Thought

Includes theories of Mercantilists, Physiocrats, Classicists (Adam Smith, Malthus), Historical school, Social economists (Marx), Socio-ethical school, American Institutionalism, Keynesian economics

.18

Methodology of Economics

.9

Comparative Economic Systems

Includes economic history

331

LABOR AND LABOR PROBLEMS

Those who work or wish to work for wages, and problems arising out of conflict between employer and employee over division and control of the product of industry
Includes government regulation of labor

For Form divisions 01-09, see p. lv

.1

Employment and Unemployment

Includes security, insecurity, discrimination

It is recommended that Collective bargaining be classified in 331.891

For Personnel management, see 658.3

.11

Labor Market

Interaction of labor supply (total number of workers of various grades available) and demand (classes of jobs offered by employers)

.112

Labor Supply

84

85

Social Sciences

331.115-331.21

331.115

Labor Demand

For Distribution of population, see 312.9; Migration, 325

.13

Unemployment

Causes Effect Incidence

Unemployment as involuntary idleness of those who are able to work and are looking for work

Includes cyclical unemployment caused by depressions; seasonal unemployment; technological unemployment caused by new machines and processes

.137

Remedies for Unemployment

Includes methods used by unions, employers and government to prevent and relieve unemployment, e.g. union benefit plans, severance wages, unemployment benefits, work relief

For Unemployment insurance, see 368.44; Vocational education, 371.426

.15

Industrial Relations

Includes industrial democracy, cooperative management

For Labor unions, see 331.88; Industrial disputes and weapons of labor, 331.89, Management, 658

.153

It is recommended that **Conciliation** be classified in 331.899

.154

It is recommended that **Mediation** be classified in 331.899

.155

It is recommended that **Arbitration** be classified in 331.899

.2

Wages and Income

Remuneration of production employees and office workers in all industries

For Salaries of teachers, see 371.16; Other specific professions, the profession; Wages and forced labor, 331.5

.21

Determination of Wages and Income

Includes wage theories (subsistence, wages-fund, marginal productivity, bargaining); fixing wage rates (degree of competition and bargaining strength)

- 331.215 Adequacy of Wages and Income of Workers**
 In terms of meeting absolute standards of economic well being and in comparison with income of other economic classes
For Standards of living, see 339.42
- .22 Wage Rates**
 Amount of money paid per hour, week or piece of output for various occupations on labor market
 Includes extra pay, bonus, subsidies; extra pay for overtime, nights and holidays; guaranteed wage, portal to portal pay
For Use of incentive wage systems by management, see 658.32
- .25 Welfare Remedies to Combat Low Wages**
 Pensions, pension trusts
- .253** It is recommended that **Group Insurance** be classified in 368
- .254** It is recommended that **Social Insurance** be classified in 368.4
- .26 Legislative Remedies to Combat Low Wages**
- .28 Statistics and Facts of Wages in Industries**
- .29 Statistics and Facts of Labor in Specific Countries**
- 331.3-331.6 PROBLEMS OF SUBSTANDARD WORKERS**
- | Wages | Hours | Working conditions | Effects | Remedies |
|------------|-------|--|---------|----------|
| .3 | | Children in Industry | | |
| .4 | | Women in Industry | | |
| | | Includes women and children, unless children are emphasized | | |
| .5 | | Compulsory Labor | | |
| | | Includes contract labor | | |
| | | <i>For Convict labor, see 365.65; Slavery and serfdom, 326</i> | | |
| .59 | | Handicapped and Disabled | | |
| | | <i>For Vocational rehabilitation or training of handicapped and disabled, see 371.91</i> | | |

- 331.6 Other Substandard Workers**
- .62 Immigrant Workers**
- .63 Negro Workers**
- .66 Southern Workers**
- .67 Casual-migratory Workers**
 Those who have no steady occupation; who shift from place to place to meet a highly seasonal fluctuating demand
 Migrant workers was formerly classified in 331.796
- .7 Laborers in Specific Occupations or Industries**
- .796** It is recommended that **Migrant Workers** be classified in 331.67
- .8 Other Problems of Workers**
- .81 Hours and Work Periods**
 Length of working day and week Vacations Holidays
 Leaves
 Includes overtime, night work, Sunday work, shift system, rest periods, work schedules in specific industries and countries
- .82 Physical Risks**
 Includes sickness and industrial fatigue
For Unemployment as result of physical and other risks, see 331.13; Social insurance for industrial risks, 368.41; Industrial medicine, 614.85; Industrial fatigue as problem of factory management, 658.54
- .822 Occupational Diseases**
 Causes Incidence Effects
For Industrial hygiene and medicine, see 614.85
- .823 Industrial Accidents**
 Causes Incidence Effects
 Includes safety devices
For Mining hazards, see 622.8; Industrial medicine, 614.85

- 331.825** **Employer's Liability Workmen's Compensation**
For Workmen's compensation insurance, see 368.41
- .83** **Living Conditions and Recreation**
Health, welfare, and recreational facilities for employees instituted by employers or unions, industrial welfare, industrial social work
It is recommended that Technical guides to management dealing with specific aspects of welfare be classified with subject, e.g. Food and cookery, 641; Cafeterias and restaurants, 647.95; Clothing, 646.3
- .831** **Cost of Living Workmen's Budgets**
It is recommended that Cost and standard of living be classified in 339.42, and Standard of living in relation to wages and income, 331.21
- .833** **Housing**
For Architecture, see 720; Low cost or low rental housing in city planning, 711.58
- .85** **Intellectual Life**
It is recommended that Education be classified in 374, Continuation schools, 374.9; Workman's libraries, 027.64; Social group work, 361.4
- .86** It is recommended that **Industrial Rehabilitation** be classified in 371.91; **Industrial Education**, 371.426; **Training of Supervisors and Foremen**, 658.386
- .88** **Organization of Workers**
Unions: Labor, Craft, Industrial, Amalgamated Craft Federations
Includes jurisdictional disputes for control of a given kind of work, membership or territory, craft vs. industrial unionism, conservative vs. revolutionary unionism
- .881** **Unions of Specific Crafts, Industries or Services**
Includes A. F. of L., C. I. O., Railway Brotherhoods
- .89** **Union Methods of Gaining Results**

- 331.891** **Collective Bargaining**
Negotiation and settlement of terms of employment between employers and organized workers
Includes making, interpretation and enforcement of agreements
Collective bargaining was formerly classified in 331.1
- .892** **Strikes**
In specific industries, crafts or services and in specific countries
- .893** **Other Union Methods**
Includes welfare programs, publicity, legislative and political programs
- .899** **Mediation Arbitration Conciliation**
Mediation was formerly classified in 331.154; Arbitration, in 331.155; Conciliation in 331.153
- .9** **Other Labor Problems**
- 332** **MONEY, CREDIT AND BANKING**
Includes investment and speculation, foreign exchange
For Public finance, see 336
- .1** **Banking and Commercial Credit**
Organization Function Operation Regulation
Banking entails receipt of deposits, loan and discount, note issue
Commercial credit is generally a short-term loan extended to assist in business operations
Includes the money market, time deposits
- .11** **Central Banking**
Banks which issue currency, act as fiscal agents of government, are custodians of reserves and regulate the volume of currency and credit
Includes Federal Reserve System, "monetary management"
- .14** **Trust Companies**
It is recommended that Investment banking be classified in 332.66

- 332.15 International Banking**
Banking conducted either by international banks or by banks of nations by means of agreement with one another or with their respective governments
Includes facilitation of international trade and payments; loans for industrial development, for currency stabilization
For Foreign exchange, see 332.45; Credit instruments, 332.77
- .2 Savings Banks and Savings Deposits**
Management Regulation
For Investment practices, see 332.67; Interest, 332.8; Deposit insurance, 368.85
- .22 Postal Savings**
- .23 School Savings**
- .3 Special Banking and Credit Fields**
Legislation Regulation
Includes government agencies (Reconstruction Finance Corporation), cooperative credit (formerly classified in 334.2), mortgage companies
For Commercial loans, see 332.1; Loans for specific purposes, 332.31-.35; Credit principles, 332.7
- .31 Agricultural Banking and Credit**
Includes Farm Credit Administration (federal land banks, joint stock land banks, federal intermediate credit banks, Production Credit Corporation, and Central bank for Cooperatives)
Agricultural cooperative banking was formerly classified in 334.23
- .315** It is recommended that **Morris Plan Banks** be classified in **332.35**
- .316** It is recommended that **Personal Finance Companies** be classified in **332.35**

- 332.32 Real Estate Banking and Credit**
Includes Federal Home Loan Administration, Federal Housing Administration, Public Housing Authority, Federal National Mortgage Association, building and loan associations
- .35 Consumer Banking and Credit Small loans**
Laws Regulation
Includes sales finance companies, personal finance companies (formerly classified in 332.316), credit unions (formerly classified in 334.2), personal loan departments of savings banks, Morris Plan banks (formerly classified in 332.315), charge accounts and installment buying
- .36 Interbank Lending**
- .4 Money**
Medium of exchange and standard of value
Includes coinage, mints, and mint practices
For Paper money, see 332.5; Counterfeiting, 332.9; Numismatics, 737.4
- .401 Theory of Money**
- .41 Money and Prices**
Relationship between monetary value and trends and prices
Includes valuation, revaluation, inflation, deflation
For Prices, see 338.5; Business cycles, 338.54; Controlled currency, 332.5
- .42 Monetary Standards**
Medium chosen by government or accepted by society as basis for monetary system
Includes bimetalism, monometallism
For Standards, policies of monetary systems in specific countries, see 332.49
- .43 International Monetary Standards**
Includes international monetary conferences and agreements
For International currency stabilization, see 332.15

- 332.45 **Foreign Exchange**
Includes rates of exchange, arbitrage, control, exchange equalization account, pegging
- .49 **Monetary Systems and Standards of Specific Countries**
- .5 **Paper Money**
Credit paper currency Fiat money Representative paper money
Includes controlled currency
For Fiat money in public debt, see 336.3; Greenback party, 329.8; Credit instruments, 332.77
- .6 **Securities and Security Markets**
For Public borrowing, see 336.3; Commercial or term loans, 332.1
- .61 **Organized Financial Exchanges**
Includes stock exchange, curb exchange organized for purpose of resale of stocks and bonds
For Organized exchanges as economic markets, see 338.522
- .62 **Brokers and Dealers in Securities**
- .63 **Securities**
Analysis and valuation of specific issues of stocks and bonds
Includes computation of yield, value, dividends, and earnings of specific issues
For Investors' manuals or techniques of trading or investing, see 332.67
- .64 **Exchange Operations**
Includes margin trading, short selling, market manipulation, speculation
- .65 **International Exchange Operations**

- 332.66 **Investment Banking**
Function Types
Provision by private investment houses, investment affiliates of commercial banks, mortgage banks, investment trusts, brokerage houses of long-term loans to business
Includes originating, underwriting, purchase and resale of new issues of transferable government and corporation securities
Investment banking was formerly classified in 332.14
- .67 **Investment Practices and Techniques**
Practical works for the layman on techniques of trading and investing in securities
Includes guides, manuals, investment services information, forecasting and formula plans (Vassar and Yale)
For Information about specific securities, see 332.63; Regulation and protection of the investor, 332.6
- .7 **Credit**
Theory Instruments Operations
For Forms or types of credit, see 332.3; Public credit, 336.3; International credit, 332.15
- .71-.74 It is recommended that **Forms of Credit: Agricultural, Real Estate, Consumer** be classified in 332.3-.35
- .75 **Bankruptcy**
- .76 It is recommended that **Deposit Transfer Instruments, e.g. Checks, Money Orders** be classified in 332.77
- .77 **Credit Instruments**
Includes promises to pay (notes, acceptances); orders to pay (bills of exchange, letters of credit); checks, and money orders (formerly classified in 332.76)
- .8 **Interest**
Rates
Includes usury
- .9 **Counterfeiting**
Includes currency, securities, and credit instruments forgery

- 333 LAND ECONOMICS**
 Consideration of land or natural resources both as an economic factor and a commodity
 Includes real estate business
For Form divisions .01-.09, see p. Iv; Production, 338; National wealth, 339; Agriculture, 630
- .1 Public Land**
 History Law Policies Acquisition
 Land over which government exercises sole right of control
For Specific classes of public land, see class, e.g. Public grazing lands, 333.74
- .2 Common Land**
 Land over which each member of an association exercises equal rights of control
- .3 Private Land**
 Land over which individual exercises sole right of control
 Includes question of large vs. small holdings, types of private ownership, e.g. individual, corporation; public control of private rights
For Economic and industrial sociology, see 301.46
- .32 Tenure**
- .33 Real Estate Business**
 Functions Operations
 Includes sale and transfer of rural and urban land and whatever is part of it or on it, e.g. trees, water, minerals, houses; renting; negotiations for financing; management of real estate
For Economic question of rent, see 333.5; Regulation and control 333.7; Management of buildings from housekeeping viewpoint, 647.9
- .332 Valuation of Land**
 Includes appraisal, land booms
- .34 Land Transfer**
 Includes registration of title, deed; transfer of title or deed without registration

- 333.38 Land Subdivision and Building**
- .5 Economics of Rent**
 Includes rental systems, landlordism, agricultural rent, urban rent (formerly classified in 333.6)
- .6** It is recommended that **Urban Rent** be classified in .5
- .7 Land Resources Utilization**
 Classification Scientific planning Control
 Settlement policies
 Includes public and private land resources; Agrarian movements; marginal and sub-marginal lands
For Forest policy, see 634.925
- .72 Conservation of Land Resources**
 Policy of conserving forest, mineral, agricultural land by creating public domain; stimulation of settlement of less desirable land by irrigation, drainage; encouragement of farm ownership rather than tenancy; regulation of removal of natural resources
 Includes conservation of national resources (formerly classified in 339.49)
For Practices, see subject, e.g. erosion control by contour planting, 631.45
- .73 Waste Land Resources**
 Includes arid and semi-arid lands
- .74 Pasture and Grazing Land Resources**
- .75 Forest and Woodland Resources**
For Forest policy, see 634.925
- .76 Agricultural Land Resources**
 Includes land used for crops and farmsteads
- .77 Urban Land Resources**
 Growth Classification
 Includes economic principles of city planning, control of character of growth by legislation and zoning; land used for commercial, industrial and residential purposes
For Physical planning and designing of cities, see 711; Housing, 711.59

- 333.78 **Recreational Land Resources**
Includes conservation of wild life
For Administration and planning, see 712.54
- .8 **Mineral Land Resources**
For Mining, see 622; Economic geology, 553
- .9 **Other Resources Utilization**
Includes air and air rights
- .91 **Water Resources**
Water resources utilization for consumption, navigation, power, irrigation
Includes water rights, land under water
- 334 **COOPERATION**
Purpose Value Organization
Includes friendly societies, benefit societies, and associations which aim to provide commodities and services at cost to members of the societies
For Cooperatives engaged in specific enterprise, see subject, e.g. Rural electrification, 338.39; Production and marketing, 338; Form divisions .01-.09, p. lv
- .1 **Building Societies**
Includes cooperative housing
For Building and loan associations, see 332.32; Housing, 711.59
- .2 It is recommended that **Cooperative Banking and Credit** be classified in 332.3; **Agricultural Banking and Credit**, 332.31; **Credit Unions**, 332.35
- .5 **Consumers Cooperation**
Includes purchasing cooperatives which, in order to reduce costs, buy collectively goods their members need

- 334.6 **Cooperation in Production Utilization**
Includes societies engaged in production, selling, and owning machinery or other assets too expensive for any one member to own
For Cooperative production or marketing of specific commodities, see 338.1-4, e.g. Cooperative milk marketing, 338.17
- 335 **COLLECTIVISTIC SYSTEMS**
Collectivistic economic systems are those in which production and distribution of commodities are determined not by free private market (capitalism), but by centralized authority, e.g. government (socialism or fascism); by associations, e.g. unions or syndicates (syndicalism); or by individuals with an attitude of brotherhood toward each other (anarchism)
Includes socialism (type of collectivism in which a democratically elected government owns the means of production and controls processes of production and distribution) and descriptions of ancient and modern ideal commonwealths
For Political methods of transition, see 323.2; Totalitarian form of state, 321.84-.85; Comparative government and civics, 320.9; Functions of government, 322; Theory of capitalism, 330.15; Economic conditions and systems, 330.9; Economic planning, 338.9; Form divisions .01-.09, p. lv
- .4 **Marxian Socialism**
Largest group of Marxian socialists are those who call themselves communists, including communists in USSR, and who regard dictatorship of the proletariat as a worker's democracy
Includes doctrines of so-called "scientific socialism" founded on Marx's "science of economics" and historical change
For Economic system of USSR, see 330.947
- .5 **Post-Marxian Socialism**
Socialist doctrines other than Marxian
For National Socialism, see 335.6
- .6 **Fascism**
Economic theories of the corporate state
Includes Nazism
For Fascist economic system in Italy, see 330.945

- 336.27 **Other Taxes**
For *Local taxes*, see 336.28
- .271 **Excise, Sales and Indirect Taxes**
Commodity taxes levied at some stage of production, marketing or consumption
Includes gross receipts, general retail sales, use, severance
For *Specific commodity taxes*, see 336.278
- .272 **Stamp Tax or Duties**
Includes revenue stamp
For *Specific commodity taxes*, see 336.278
- .273 **Fees Licenses**
Fixed charges for services which have been rendered or for privilege of engaging in specific activity, e.g. fees for legalization of documents, incorporation fees, professional licenses
Licenses was formerly classified in 336.274
- .274 **Taxes on Certain Businesses**
Taxes on property, income, receipts paid by insurance companies, banks, corporations, chain stores, public utilities
It is recommended that **Licenses** be classified in 336.273
For *Specific taxes*, see tax, e.g. *Corporation income tax*, 336.243
- .276 **Death and Gift Taxes**
Estate Inheritance Legacy or succession Gift
- .278 **Taxes on Specific Commodities and Services**
Sale, gross receipt, stamp duty, license taxes levied on specific commodities and services, e.g. motor fuels, alcohol, tobacco, admissions and amusements, soft drinks, pari mutuels, transportation, severance of timber and oil
May be arranged alphabetically by commodity or service
For *Taxation on bonds and securities as personal property*, see 336.23

- 336.28 **Local Taxes**
Whole question of local taxation
Includes special assessments or levies against property to defray cost of public improvement
For *Specific kinds of taxes*, see tax, e.g. *Real property taxes*, 336.22; *Parking meter revenues*, 336.278
- .3 **Public Credit, Debt and Loans**
Borrowing Payment of interest Repayment of principal by states
Includes issuance of government securities, government bonds
It is recommended that **Government lotteries** be classified in 336.1
For *Public revenue from deposits and investments*, see 336.1
- .34 **International Debt**
Includes financial commitments of one state to another; war indemnities or reparations imposed by victorious state upon conquered; loans made by one state to another in pursuit of common war, financial assistance rendered to prevent financial and economic collapse of state; transactions between state as borrower and foreign private holder of capital as lender
Includes subsidies; commercial loans, e.g. government loans floated in foreign market with guaranty or recommendation of foreign government
For *Indemnities or reparations of specific war*, see war, e.g. *World War I reparations*, 940.31
- .39 **Public Expenditure and Accounts**
Government spending Reduction of government spending
Grants-in-aid Subsidies or subventions, bounties
For *Functions of government*, see 322; *Subsidies as device for encouraging industry*, 338.9
- .395 **Budgets and Appropriations**
Budget administration Budgetary control Budgets and legislative appropriations

336.4

Public Finance of Specific Nations

For Public finance of international organizations, see 336.09; Public finance of ancient states, 336.093; Specific aspects of public finance, see subject, e.g. Taxation in France, 336.2; Claims of one government against another, see subject, e.g. Expropriation of Mexican oil land, 333.8

337

TARIFF POLICY

Government control of international trade, and effects on economic conditions
Includes colonial tariff policies, free trade

For Economic policy, see 338.9; International trade, 382; Customs as a source of revenue, 336.26; Form divisions, .01-.09, p. lv

.3

Protection

Includes tariff and other methods of control, e.g. licensing, contingents or quotas, prohibition, anti-disease regulations, anti-dumping duties, punitive surtaxes

For Methods of levying customs duties, see 336.26; Foreign exchange quotas, 332.45

.5

Tariff Rates on Specific Commodities

For Production and marketing of commodities, see 338.1-.4

.9

Tariff Treaties

Includes trade agreements, reciprocity, most-favored nation clause, preferential tariff, customs unions, multi-national agreements

For Tariff laws and administration, see 336.26

338

PRODUCTION AND PRICES OR PLANNING

Includes theories of production, specialization, diversification, freedom and control of production

For Factors of production (land, labor, capital), see 333, 331, 339; Organization of production, 338.7

338.1-338.4 ECONOMICS OF INDUSTRY

Organization Financial problems (costs, pricing) Markets Maladjustment of production Plant Production Statistics
Products Government regulation

.1

Agricultural and Plant Industries

For Agricultural land use, see 333.76; Cooperative farms, 334.6; Farm management, 631; Processed food industry economics, 338.4

.17

Agricultural Products

Includes grain, cotton, sugar, fibers, tea, coffee, vegetables, dairy products, liquor and packing industries' products

For Growing of agricultural products, see 633-635

.2

Mineral Industries

For Mineral land use, see 333.8; Conservation, 333.72; Mining engineering, 622; Metal manufacture, 671-2-3

.27

Mineral Products

Includes coal, gas, petroleum, chemicals, precious stones, glass

For Technical production of coal, see 662.62; Gas, 665.7; Petroleum, 665.5

.3

Other Primary Industries

Includes fishing, hunting industry

For Fisheries, see 639.2; Trapping, 639.1

.37

Other Primary Products

Those which come directly from natural resources
Includes fur, fish

For Processing of fur, see 675.3; Preservation of fish, 664.8

- 338.39 Engineering Industries**
Includes public utilities (formerly classified in 380.16), businesses supplying water, gas, electricity, telephone and telegraph service; and transportation on street cars, busses, railroads and airways; rural electrification
- .4 Manufacturing Industries Services**
Industries which obtain their raw materials from primary industries or from other secondary industries
Includes construction industries
For Techniques of manufacturing, see 660; Construction, 690; Transportation and communication, 380; Business management, 650
- .46 Services**
Professional, technical, advisory, personal, recreational
- .47 Manufactured Products**
Includes metal, lumber, paper, textile, clothing, processed foods industries
- .5 Prices**
- .52 Price Determination**
- .522 Competitive Free Markets and Price Determination**
Barter or higgling Auctions Organized commodity exchanges
Includes competitive conditions, changing supply and demand, marginal revenue, short and long run costs, interrelationship of prices
For Specific commodity exchanges, see 338.17; Security exchanges, 332.64
- .523 Monopolistic Markets and Price Determination**
- .526 Government Regulation of Prices and Price Determination**
- .528 General Level of Prices**
Includes price of commodities by index number; causes and results of price movements

- 338.54 Business Cycles**
Causes Remedies
Includes forecasting, panics, depressions, recessions, booms
- .6 Systems of production**
Includes handicraft stage, guild system, domestic or putting out system, factory system
- .7 Organization of Production**
Includes the entrepreneur, partnership
For Business management, see 658
- .74 Corporations**
Includes government corporations
- .8 Large Scale Production and Combination**
Advantages Disadvantages Regulation
Includes holding companies, monopolies, trusts, mergers
For Trust banking, see 332.14
- .88 International Combination**
Includes cartels
- .9 Economic Policy**
Includes encouragement of industry by government: grants, subsidies; control and regulation of industry by government
For Social and economic planning, see 309.2; City planning, 711; Functions of government, 322; Specific industry controls, subject, e.g. Control of monopolistic markets, 338.5; Credit control, 332.11
- 339 INCOME AND WEALTH**
Wealth is total assets (economic goods and services) existing at a given time
It is recommended that **Poverty** and **Vagrancy** be classified in **301.46**
For Labor, see 331; Land, 333; Production and distribution of goods and services, 338; Form divisions .01-.09, p. lv

339.2 It is recommended that **Distribution of National Income** be classified in 339.3; **Distribution of Personal Income**, 339.41

.3 **National Income and Wealth**

Principles of measurement Estimated value Analysis
Accounting and nation's economic budget Money flow

Total of goods and services existing in a country in given period

Includes distribution of national wealth (formerly classified in 339.2)

For Economic principles of determining shares going to specific factors of production, see Labor (wages) 331.2; Capital (interest), 332.8; Land (rent), 333.5; Entrepreneurship (profits), 338.7; Government receipts and expenditures, 336

.34 **National Wealth of Specific Countries**

.4 **Personal Income and Wealth**

Part of national income and wealth which is consumed

For Consumer education, e.g. Shopping and buying for home, see 647.1; Industrial uses of goods and services, 338.1-4

.41 **Distribution of Personal Income**

Principles of measurement and distribution of income by occupation, age or size of income, e.g. incomes under \$1000
Distribution of personal income was formerly classified in 339.2

.42 **Cost or Standards of Living**

Cost of living for labor was formerly classified in 331.831
Includes family expenditures at various income levels; budget studies by income level, by degree of urbanization, by occupational group

For Household accounts, see 647.1; Standards of living in relation to wages, 331.21

339.43 **Savings**

Principles of measurement and estimates of saving for various economic groups, by type of saving, by income level

For Saving and investment, see 332.67

.49

It is recommended that **Conservation of National Resources** be classified in 333.72

340 LAW

For Form divisions .1-2, .7-8, see p. lv; exceptions .3-6, .9 follow:

- 340.3 **Antiquities**
Includes torture, trial by ordeal, duel
- .4 **Trial by Jury**
- .5 **Comparative Legislation**
- .6 **Medical Jurisprudence**
Relationship between law and medicine, e.g. Patient-physician contracts, medical privilege; doctor as witness
Includes forensic medicine (application of medical knowledge in legal trials); expert testimony (doctor as expert in cases involving establishing cause of death, illegal abortion)
For Registration and licensing of doctors, see 614.2; Forensic ballistics, legal chemistry, 364.12; Testimony, 347.94
- .9 **History Legal Anecdotes**
- 341 **INTERNATIONAL LAW**
Body of rules accepted by community of nations as defining their rights and obligations; means of procedure by which those rights may be protected
Includes international cooperation
For International law relating to particular subject, see subject, e.g. Sovereignty of nations, 320.157
- .1 **World Peace**
Peace plans and movements
- .11 **International Organization and Administration**
General public and private organizations
Includes two or more specific international organizations
For Organizations devoted to special subject, see subject, e.g. Food and agricultural organizations of the United Nations, 338.1, World state, 321.04
- .12 **League of Nations**
May be divided like United Nations, 341.13

- 341.13 **United Nations**
Organization Administration
For U.N.E.S.C.O., see 060
- .132 **Charter and Organs**
Includes discussions on permanent agencies, councils, commissions
For Agencies devoted to special subjects, see subjects, e.g. Trusteeship council, 325.31, International court of justice, 341.63; Social and economic council, 309.2
- .133 **General Assembly**
Includes general committees; e.g. Administrative and budgetary committee
- .135 **Security Council and General Committees**
- .137 **Secretariat and Departments**
- .139 **Relationships of Governments and Regions to United Nations**
- .18 **Regional Associations**
Includes Pan-American Union
- .2 **International Treaties**
Procedures Texts Collections of treaties
May be divided by country like 930-999
For Treaties signed at termination of war, see History, e.g. Treaty of Paris, 973.32; Treaties concluded between two countries, see more important country, e.g. Treaties concluded between Russia and Hungary, 341.247; or Treaties between one country and another may be classified with the foreign country, e.g. Treaties concluded between United States and China, 341.251; International relations, 327
- .3 **Law of War**
- .31 **Belligerency and Belligerents**
Includes commencement, conduct, methods and termination of war

- 341.32 Property in War Law of Belligerent Occupation**
Administration of occupied territories Exploitation of their resources Relations with peoples of occupied territories Requisitions in foreign countries Contributions to war Booty Requisition of travelers Enemy property
- .33 Prisoners of War**
Treatment Rights Work Repatriation
Includes sick and wounded prisoners and internment of soldiers by neutral nations
For Work of Red Cross, see 361.5
- .35 Neutrality and Neutrals**
Includes commerce of neutral nations, contraband of war, right of visit and search
- .36 Maritime Warfare**
Includes privateering, prizes of war, courts of prizes, submarine mines
For Right of search, see 341.35
- .39 Civil War**
When civil war assumes such proportions that other nations are affected, laws of war and neutrality may be used by recognition of insurgents as belligerent power, e.g. in 1861 European powers recognized belligerency of South when de jure government violated normal rights of commerce
- .4 Crimes Against Law of Nations**
Procedure of trials and punishment of criminals Genocide
For Military trials by occupying forces during hostilities, see 341.32
- .41 Nuremberg Trials**
- .49 International Criminal Law**
Includes extradition, immunity, right of jurisdiction
- .5 Special Topics in International Law**

- 341.51 Nationality and Citizenship**
For Domestic legislation on nationality and citizenship, see 323.6
- .57 Commercial and Maritime Law**
Includes freedom of seas, open seas, collisions at sea, shipwreck
For Special topics, see subject, e.g. International air rights, 333.9; Fisheries, 338.3, Maritime war, 341.36, Neutrality, 341.35
- .59 Private International Law Conflicts of Laws**
Determines whether foreign or domestic law governs questions involving private rights of foreigners or private rights claimed by virtue of foreign transaction
For Special topics, see subject, e.g. Bankruptcy, 332.75
- .6 Pacific Settlement of Disputes**
Includes negotiation, good offices, conciliation and commissions of inquiry
For World peace, see 341.1
- .63 International Arbitration and Mediation Judicial Settlement**
Includes courts of international justice and international tribunals, e.g. Hague permanent court of arbitration
For Prize courts, see 341.36
- .65 Compulsive Measures Short of War**
Sanctions Pacific blockade Embargo Economic boycott Intervention International police
- .67 Reduction and Limitation of Armaments**
For Specific regulations and controls, see economic production, e.g. Control of atomic energy, 338.27; Firearms industry, 338.4

- 341.7 **Diplomatic Service**
 Conduct of official relations between governments as governed by international law and custom
For World politics, see 909; International relations of particular country, 327; Diplomacy involved in a particular crisis, history of country, e.g. U. S. diplomatic relations in Civil war, 973.7; Treaties, 341.2 or history of country
- .8 **Consular Service**
- 342 **CONSTITUTIONAL LAW**
 Written and unwritten fundamental law of state
 Includes constitutional conventions, constitutions and amendments, commentaries on constitutions; history of constitutions of specific countries
For Constitutional law controlling specific bodies, see subject, e.g. Powers of the executive, 353.03; Powers of legislative bodies, 328.34; Judicial powers, 347.97-.99; Government, 320.9; Comparative governments, 320.9
- .3-.9 May be divided like 930-999, e.g. **U. S. Constitution, 342.73**
- 343 **CRIMINAL LAW**
 Includes penal codes, reports, criminal procedure
For Criminology, see 364; Police measures, 365
- .1 **Criminal Trials**
For Criminal case studies, see 364.1
- .2 **Punishment**
 Corporal punishment Death penalty
For Penology, see 365
- 344 **ADMINISTRATIVE LAW**
 Rules and regulations having the force of law for purpose of filling in details of statutory policy Administrative regulation of social and economic activity
 It is recommended that **Martial law** be classified with **Military law, 355.9**
For Specific administrative rules, see subject, e.g. NLRB rulings, 331.899; Law of municipal corporations, 352; Civil service law, 351.1

- 344.1 **Administrative Tribunals**
For Courts, see 347.9
- .2 **Administrative Procedure**
- 345 **U. S. STATUTES AND CASES**
 Source material
 Includes common law
 345.1-.5 may be divided: 1, U. S.; 2, states; and arranged alphabetically, e.g. Statutes at large of U. S. federal government, 345.11; Statutes of Mass., 345.12; Reports of District Courts of Mass., 345.412
- .1 **Sessions Law Statutes at Large**
- .2 **Codes Revised Statutes**
- .3 **Law Digest**
- .4 **Reports**
 Includes Supreme Court reports
- .41 **U. S. Circuit and District Courts**
- .415 **Reporter Services for Regions**
- .5 **Digests of Cases**
- 346 **BRITISH STATUTES AND CASES**
 Source material
 Includes reports for English speaking countries, except U. S.
 May be divided like 345
- 347 **TREATISES**
 Systematic exposition of facts, principles involved, and conclusions arrived at in points of law
For Law of special subjects, see subject, e.g. Insurance law, 368.93; Private corporation law, 338.74
- 347.1-347.8 **PRACTICE IN MANY LAW LIBRARIES**
places types covered here in one alphabetical author arrangement
- .1 **Persons**

- 347.2 Realty
 .3 Chattels
 .4 Contracts
 .5 Torts
 .6 Family Law and Inheritance
 .7 Commercial and Maritime Law
 .8 Equity
 .9 Judicial Branch of Government
 Includes civil trials, procedure, courts
- .91 Civil Trials
 .92 Pleadings
 .93 Forms
 .94 Evidence
 .95 Remedies
 .96 Local Legal Officers
 Includes Justice of the peace, Notary, Sheriff
- .97 Courts
 Organization Jurisdiction History
 Includes court system of central governments
 For International courts, see 341.63; Administrative tribunals, 344.1
- .972 Supreme Court
 .98 Provincial or State Court System
 .99 Local Court System
- 348 It is recommended that CHURCH LAW be classified in 262.9
- 349 LAW OTHER THAN AMERICAN AND BRITISH
 .3-.9 May be divided like 930-999, e.g. Roman Law, 349.37 and further divided under each nation like 345 by adding 0 after the country's number, e.g. French Code, 349.4402
 For Treatises on specific subjects, see subjects, e.g. French commercial law, 347.7; German court system, 347.97

350 PUBLIC ADMINISTRATION

Management of executive branches of government

For Legislative branch, see 328; Judicial branch, 340; Government, 320; Constitutional government, 342; Business administration, 658

351 PROBLEMS OF PUBLIC ADMINISTRATION

Includes problems basic to administration of executive branch of all governments

For Problems of administration of U. S. federal and state executive branch, see 353; Foreign central executive branch, 354; All local executive branches, 352

351.1-351.5 THE PUBLIC SERVICE ORGANIZATION

Those who work for government Job classification
 Selection Placement Training
 Conditions of employment

- .1 Organizations Controlling Public Service
 Includes Civil Service Commissions, Ministries, Bureaus; their organization, powers, functions
- .2 Job Analysis and Classification for Public Service
- .3 Selection, Placement and Training of Personnel for Public Service
 Includes recruiting, establishing standards, examination, tests
- .5 Conditions of Employment
 Includes promotion, transfer, salaries, pensions, severance

351.7-351.8 AREAS OF GOVERNMENTAL ADMINISTRATION

As governmental administration touches subjects expanded elsewhere in the classification it is recommended that these areas be classified where found, e.g. Police measures, 365; Welfare, 360; Communications and transportation, 380; Finance, 336; Trade, 380; Labor, 331; Military, 355; Education, 370

- .9 **Control of Public Service**
Includes checks by legislative and judicial branches; electorate, and by supervision

- 352 **ADMINISTRATION OF LOCAL GOVERNMENT**
Includes organization of local government and administration of units of government such as counties, cities, boroughs, villages

352.03-352.09 SPECIFIC LOCAL GOVERNMENTS

May be divided like 930-999, e.g. French local government, 352.044; Municipal government in United States, 352.073

352.1-352.9 DEPARTMENTS OF LOCAL GOVERNMENT

Organization Administrative management

For Functions of departments, see subject, e.g. City finances, 336

- .1 **Finance Department**
.2 **Police Department**
.3 **Fire Department**
.4 **Public Health Department**
.5 **Public Works Department**
.6 **Water, Sewage Department**
.7 **Streets, Highways, Bridges, Parks Departments**

- 352.8 **Licenses**
.9 **Other**

353 **ADMINISTRATION OF UNITED STATES
FEDERAL AND STATE EXECUTIVE
GOVERNMENT**

Organization Administrative management

For Administration of U. S. federal and state legislative bodies, see 328.73-.798; Judicial, 347.9; Civic, 320.9

- .03 **President**

353.1-353.8 DEPARTMENTS OF UNITED STATES EXECUTIVE
GOVERNMENT

Organization Administrative management

For Functions, see subject, e.g. State department negotiations with Russia, 327.47; Treasury department bond issues, 336.5

- .1 **Department of State**
.2 **Department of the Treasury**
.3 **Department of Interior**
.4 **Post Office Department**
.5 **Department of Justice**
For Courts, see 347.97
.6 **Department of Defense**
Includes Navy (formerly classified in .7) and Air Force
.7 It is recommended that **Department of Navy** be classified in 353.6
.8 **Other Departments**
.81 **Department of Agriculture**
.82 **Department of Commerce**
.83 **Department of Labor**

353.9 Administration of State Executive Government
May be divided like 974-979, e.g. Administration of New York State, 353.9747

354 ADMINISTRATION OF EXECUTIVE GOVERNMENT OTHER THAN UNITED STATES
May be divided like 930-999, e.g. Executive branch of French government, 354.44 and further subdivided like 353, e.g. French State Department, 354.441, except where existing country subdivisions conflict, e.g. Germany, 943, Austria, 943.6. In such cases departments would be added to .06, e.g. German State Department, 354.43061

355-359 MILITARY SCIENCE

For Ordnance and engineering, see 623

355 ELEMENTS OF WARFARE
Framework of war as practised by the army as a whole, or jointly by army, naval and air forces
Includes services which supply and maintain combat units
For Specific ground forces of army, see 356, e.g. Infantry, 356.1; Military history, 930-999; War as social disorganization, 301.46; International law of war, 341.3; Military weapons and their operation, 623; Specific wars, 930-999; Form divisions .01-.09, p. lv
.1-.8 may be applied to any branch of service, e.g. Air force strategy, 358.43; Naval recruitment, 359.22

.1 Personnel
Officers Enlisted personnel Prisoners of war
Includes personnel policies regarding service (length, leave, promotion, termination), pay; relation of military to civilians

.11 Veterans
Includes provision for civil employment, education and rehabilitation of service men and women
For Veterans' hospitals, see 362.11; Homes for aged, 362.61

355.12 Military Life and Customs
Includes living conditions, relation between officers and enlisted men

.13 Military Discipline
Includes Provost Marshal, military police and the enforcement of military law and order; military tribunals and administration of justice; military punishment

.14 Uniforms
Description Regulations
Includes insignia
For Issue, see 355.8

.2 Mobilization
Change from peace to war: organization and assembling of troops, reserves and all other resources of nation for war

.22 Manpower Recruitment
Organization Administration Examination
Includes enlistment and conscription, provisions for exemption, evasion, refusal of service, e.g. Conscientious objectors
For Training, see 355.5; Recruitment for Navy, 359.22

.23 Civilian Mobilization
Includes provision of civilian defense volunteers, employees; allocation of workers to essential industry; civilian morale

.232 Civilian protection
Includes protection from bombing, fire, bacteriological warfare, chemical warfare and subversive activities

.26 Industrial Mobilization
Includes priorities and allocation of materials, location of defense industries, contract letting, regulation and supervision by government

.27 Mobilization of Transportation and Communication Facilities

- 355.3 Organization**
Scheme of arrangement in branches having definite functions and units of various sizes with various grades of personnel assigned to each
Includes military profile of a country
For Naval organization, see 359.3
- .31 Combat Elements**
Disposition Statistics
For Detailed description of branches of army, see 356; Air force, 358; Navy, 359; Non-combat or service, 355.1-9, 356.9, e.g. Judge Advocate, 355.6
- .33 Command and Staff**
Includes Inspector General, Chiefs of Staff, combined and joint staff
- .34 Special Services**
Women's corps Recreational services Religious service
Includes Special Services, Chaplains Corps, Troop Information and Education
- .36 Service Elements**
Includes administrative, supply and technical troops
- .37 Reserves**
Includes National Guard, Organized Reserve Corps (R.O.T.C.)
- .4 Strategy and Tactics**
Includes national defense
For Naval strategy and tactics, see 359.4
- .41 Logistics**
Movement and supply of troops
- .42 Tactics**
Handling of troops in combat or execution of broad plan of war
Includes joint operations of land, sea and air forces; combat intelligence; psychological warfare; deceptive tactics, e.g. use of camouflage (formerly classified in .43)

- 355.43 Strategy**
Conception of general plan of war or campaign and of deployment of forces: provision of balanced forces; budgetary requirements
Includes strategic intelligence, combined strategy (conception by allied nations of general plan of war), effectiveness of forces (adequacy of lines of communication and supply, initiative, numbers and mobility, unity, simplicity and character of command; cooperation and coordination in training, discipline, equipment, and morale of troops, standardization of equipment)
It is recommended that **Camouflage** be classified in .42
- .48 Analysis of Specific Operations**
Technical accounts and military analysis of specific wars, campaigns, battles
For Place of specific wars in history, see 930-999
- .5 Training**
Includes grand and major exercises of joint land, sea and air forces; basic training, drill and maneuvers; survival instructions
For Training in particular branches, see branch, e.g. Basic training: Infantry, 356.15; Fleet maneuvers in Pacific, 359.5
- .6 Administration**
Correspondence Records Filing systems Contracts
Budget Accounting Finance
Work and supervision necessary to handling of legal, financial, budgetary and clerical work of administrative service
Includes Judge Advocate General, Adjutant General (army post offices), Finance Department and Comptroller
For Naval Administration, see 359.6
- .7 Installations**
Organization and administration of military plants, hospitals, arsenals, barracks, posts, camps, stations, prisons
For Civilian concentration camps, see 355.232; Conscientious objectors' camps, 355.22; Architecture of military buildings, 725.1; Naval bases, 359.7; Air bases, 358.07

- 355.8 Equipment, Supplies, Materiel**
 Procurement Issue Maintenance Salvage Transport
 Includes Quartermaster Corps, Ordnance Department; subsistence
 For Naval equipment, supplies, materiel, see 359.8
- .81 Equipment**
 Complete service outfit (side arms, clothing, instruments, tools, utensils)
 For Description of ordnance, see 623
- .82 Materiel**
 Includes trucks, cannon, antiaircraft guns
- .88 Supplies**
 Daily necessities (food, gasoline, ammunition)
- .9 Other Elements**
 Includes military law, martial law, public relations
 Martial law was formerly classified in 344
 For International law of war, see 341.3; Military prisons, 355.7; Military government, 325.31
- 356 GROUND FORCES AND SERVICES**
 Personnel Mobilization Organization Strategy and tactics Training Administration Installations Supply Transportation
 Combat and non-combat services for land warfare
- .1 Infantry**
 Includes motorized infantry, mountain troops, ski troops, Rangers or Commandos
- .4 Artillery**
 Arm of service which mans and operates heavy guns
 Includes field, sea coast and antiaircraft
 Artillery was formerly classified in 358.1
 For Artillery as ordnance, see 623

- 356.5 Armored Force**
 Includes tank regiments, armored infantry regiments, antitank artillery units
- .6 Air-borne Force**
 Includes air-borne infantry, paratroops in gliders and planes
- .7 Communications**
 Branch of service which has charge of all military signaling (flags, lights, rockets, semaphore, heliograph) and communications (telegraph, telephone, radio)
 Includes procurement, storage and distribution
 Communications was formerly classified in 358.2
- .9 Ground Services**
 Includes ground services not covered elsewhere
 For Quartermaster Corps, see 355.8; Inspector General, Adjutant General, Judge Advocate General and Finance Department, 355.6; Provost Marshal General's Department, 355.13
- .92 Medical**
 Care and treatment of wounded and sick; control of disease and sanitation
 Includes Medical Corps, Dental Corps, Veterinary Corps, Medical Administrative Corps, Army Nurse Corps
- .93 Chemical Warfare**
 Development and supply of gas, smoke, incendiary, bacteriological materials and weapons and protection against them
- .94 Engineer**
 Includes Engineer Corps (formerly classified in 358.2)
- .95 Transportation**
 Includes Transportation Corps
- 357 CAVALRY**

358

AIR FORCES AND SERVICES

Combat and non-combat services for war in air
Includes war in air as used by army, navy or air forces

For Military aeronautics, see 629.133; Aeronautic engineering, 629.1

358.01-358.09 may be divided like 355.1-.9, e.g. Air power, 358.03; Air force law, 358.09

- .1 It is recommended that **Artillery** be classified in 356.4
- .2 It is recommended that **Engineers** be classified in 356.94; **Communication**, 356.7
- .4 **Air Warfare**
For Air navigation, see 629.125; Training of pilots, 629.126; Training of fighter pilots, 358.43
- .42 **Bombing**
Projection of explosive and incendiary bombs from bombers in order to destroy military personnel installations, lines of communication, factories, dams, and other vital objectives and to disorganize civilian life
Includes Bomber Command
For Ordnance, see 623; Design and construction of bombers, 629.14
- .43 **Fighting**
Protection of bombers, engagement of enemy fighter planes, combat attack of enemy bombers, strafing enemy troop positions, communication lines, supply centers
Includes Fighter Command
For Ordnance, see 623; Design and construction of fighting planes, 629.14
- .44 **Transportation**
Carrying of paratroops, air-borne troops, equipment, supplies, evacuation of wounded, ferrying of planes
Includes Troop Carrier Command and Military Air Transport Service
- .45 **Reconnaissance**
Procurement of military information by observation and aerial photography

358.9

Technical Air Services

Includes Weather Command, Air Service Command, Communication Command, Materiel Command

359

NAVAL FORCES

For Naval architecture and marine engineering, see 623.8; Armament, 623.4; Form divisions .01-.09, p. lv

- .2 **Mobilization**
Includes Bureau of Naval Personnel
- .3 **Organization**
Scheme of arrangement into naval units (fleets, squadrons, task forces) having definite functions (combat, command and staff, special, service and reserves) with various grades of personnel assigned to each
Includes naval profiles of specific countries
- .31 **Combat Elements**
Disposition Statistics Costs Reports
For Function of combat elements of naval forces, see 359.9; Non-combat, 359.99
- .33 **Command and Staff**
Includes Chief of Naval Operations, bureaus, naval officers
- .34 **Special Services**
Includes Women's Naval Corps, Chaplains' Corps, Ships' Services
- .36 **Service Elements**
Includes administrative, supply and technical units
- .37 **Reserves**
Includes Fleet Reserve, Organized Reserve, Volunteer Reserve and Merchant Marine Reserve
- .6 **Administration**
Legal, financial, budgetary and clerical work
Includes Judge Advocate General (Navy), naval law

- 359.7 Installations**
Includes upkeep and operation of naval ordnance establishments, magazines, gun factories, torpedo stations, proving grounds, by Bureau of Ordnance; upkeep and operation of public works and utilities of Navy by Bureau of Yards and Docks, Civil Engineer Corps; upkeep and operation of shore and floating bases (submarine, destroyer, air, mine, ports, docks, navy yards, stations)
- .8 Naval Maintenance**
Equipment of vessels Clothing and equipment Sub-
sistence Transportation
Includes Bureau of Supply and Accounts, Supply Corps
- .9 Naval Warfare**
- .91 Fleet Action**
- .92 Submarine Warfare**
For Design and construction of submarines, see 623.825
- .93 Naval Air Warfare**
Includes Carrier Force, Air Sea Reserve
For Bombing, fighting, reconnaissance, transport, see 358.4; Design and construction of planes, 629.14
- .94 Mine Warfare**
Includes mine laying and methods of combating mines (minesweeping, charting mine fields)
- .95 Raiding and Blockading**
- .96 Amphibious Warfare**
Invasion or occupation of land areas by sea-borne forces establishing beach-heads
Includes Marine Corps
- .97 Shore Protection**
Includes Coast Guard in time of war
- .99 Technical Services**
Includes Office of Naval Research, Medical Corps, Dental Corps, Medical Service Corps, Naval Nurse Corps, Communications

360 SOCIAL WELFARE

360-362 ORGANIZED ACTIVITIES PRIMARILY CONCERNED with conservation, protection, improvement of human resources

For Sociology, see 301; Form divisions .1-8, p. lv; .9 is not used, see instead, 362.9

- 361 SOCIAL WORK AND SOCIAL AGENCIES**
Art of adjusting personal relationships and reorganizing social groups
Includes administration of social work

361-361.5 PUBLIC AND PRIVATE WELFARE

For Service to sick, see 362.1; Fields of social work, see specific type or need of clientele, e.g. Medical social work, 362.1; Psychiatric social work, 362.2; Family welfare work, 362.8; Industrial social work, an exception, is classified in 331.83

- .2 Social Welfare Planning**
Preparation of integrated schemes of common action in field of assistance concerned with social problems for use by groups of social agencies or government
Includes council of social agencies
- .3 Social Case Work**
Development of capacity of individuals to organize their own normal social activities in any environment
For Settings in which social case work is practised, see subject, e.g. Medical case work, 362.1; Psychiatric case work, 362.2; Child case work, 362.7; Family case work, 362.81
- .4 Social Group Work**
Social adjustment of individuals promoted by participation in voluntary groups and with assistance of group leader
For Adult education, see 374

- 361.5 **Disaster Relief**
Includes earthquake, volcanic eruption, flood, war, epidemic, famine, fire, windstorm, refugee relief
- .6 **Government Agencies**
Includes administrative and statistical reports
For Reports combining public welfare and public health, see 614.1
- .7 **Private Agencies**
Includes administrative and statistical reports of individual agencies
- .8 **Cooperative Agencies**
Includes social service exchanges, community chests
For Council of social agencies, see 361.2
- .9 **History and Development of Social Work and Social Agencies**
Includes public and private welfare
- 362 **WELFARE SERVICES**
Includes institutions, institutional care
For Social disorganization, see 301.46
- .1 **Service to Sick and Injured**
Includes sanitariums; nursing, rest, and convalescent homes; ambulance service
For Group health and hospitalization insurance, see 368.38; Medicine, 610; Nurses and nursing, 610.73; Public health nursing, 614.073; Home care, 649.8
- .11 **Hospitals and Allied Institutions**
- .12 **Dispensaries, Clinics**
Includes out-patient care
- .15 **Maternity Hospitals**
Includes homes for unmarried mothers
For Maternal hygiene, see 618; Children's hospitals, 362.78

- 362.19 **Hospitals and Allied Institutions for Special Diseases and Surgery**
For Orthopedic hospitals, see 362.43
- .2 **Service to Mentally Diseased**
For Sociological studies of mental disease, see 301.46; Psychiatry and mental hygiene, 616.89
- .3 **Service to Mentally Deficient**
For Psychological studies of mental deficiency, see 132; Sociological studies of mental deficiency, 301.46
- .4 **Service to Physically Handicapped and Disabled**
For Sociological studies of physically handicapped and disabled, see 301.46; Vocational rehabilitation, 371.91; Labor problems of physically handicapped, 331.59
- .41 **Service to Blind**
Includes partially sighted
- .42 **Service to Deaf**
Includes deaf mutes
- .43 **Service to Crippled and Ruptured**
Includes orthopedic hospitals
For Crippled children, see 362.78
- .5 **Service to Poor**
Aid in form of money or necessities
Includes aid to tramps, beggars, transients, unemployed
For Unemployment, see 331.1; Unemployment insurance, 368.44
- .6 **Service to Aged and Infirm**
Includes allotments
For Sociological studies of old age dependency, see 301.46; Old age social insurance, 368.43; Pensions for services performed, 331.25
- .61 **Institutions and Institutional Care for Aged and Infirm**

- 362.7 Service to Children and Adolescents**
 Activities which promote well-being of children and adolescents
 Includes studies combining public health and public welfare limited to child and adolescent care
For Family welfare, see 362.8; Sociological studies of childhood and adolescent dependency, 301.46; Child labor problems, 331.3; Social group work, 361.4; Young people's societies, 369.4; Education, 370
- .71 Service to Mothers**
 Includes aid to mothers (pensions, day nurseries)
- .73 Service to Orphans and Abandoned Children**
 Includes placement service, foster care, adoption, institutions
- .74 Child Guidance Clinics**
 Treatment for neglected and maladjusted children
For Psychological studies of abnormal children, see 136.76; Child care, 649.1; Student personnel work, 371.422
- .78 Children's Hospitals and Allied Institutions**
 Services to sick and crippled children
- .8 Service to Families**
 Includes family allowances
For Child welfare, see 362.7; Mothers' pensions, 362.71
- .9 History and Development of Welfare Services**
 Includes Social Security Act
- 363** It is recommended that **Political Societies** be classified in **329.8; Ku Klux Klan** in **366.6**

- 364 CRIMINOLOGY**
 Study of crime and criminals
 Includes correctional institutions
 Where interest in criminology lies in its sociological implications, class in 301.46
For Criminal law, see 343; Criminal courts, 347.9; Local police administration and law enforcement, 352.2; Eugenics, 301.323
- .1 Crime**
 Detection Classification Case studies
 Includes adult criminals (formerly classified in 364.3)
- .12 Crime Investigation**
 Includes crime detection methods used by experts (chemical analysis, forensic ballistics, microphotography, handwriting analysis); identification from photographs, fingerprints modus operandi, physical measurements of known criminals
For Methods of fingerprinting, see 365.6; Ballistics, 623.53
- .13 Crimes Against the State**
 Includes piracy, treason, conspiracy, smuggling, counterfeiting
For Corrupt election practices, see 324.27; Corruption of legislators, 328.36
- .14 Crimes Against Public Order**
 Includes gangs, outlaws, feuds, lynching, riots, mobs, disorderly conduct
For Mob psychology, see 301.158
- .15 Crimes Against Person**
 Includes homicide, infanticide, poisoning, sex crimes, abduction, kidnaping, murder
- .16 Crimes Against Property**
 Includes theft, robbery, forgery, embezzlement, fraud, swindling, arson

- 364.17 Crimes Against Public Morals**
Includes obscene language, literature
- .2 Causes of Crime and Delinquency**
Includes social and economic factors, heredity, studies of criminals (formerly classified in 364.3-.39)
- .24 Physical and Mental Factors in Crime**
Includes factor of age, sex, health, physical abnormality, criminal anthropology (formerly classified in 364.33), mental disease or deficiency, emotional instability, mental superiority and inferiority
For Social anthropology, see 572.7; Abnormal psychology, 132
- .3 Juvenile Delinquency**
It is recommended that Adult criminals be classified in 364.1-.2
For Psychological studies of juvenile delinquency, see 136.76; Juvenile courts, 364.52; Probation of juvenile offenders, 364.63; Reformatories, 364.72; Discharged delinquents, 364.8; Sociological studies of juvenile delinquency, 301.46; Child guidance clinics, 362.74
- .4 Crime Prevention**
Includes social adjustment, changes in economic and social institutions, rational treatment of offenders, preventive police work
For Child guidance clinics, see 362.74
- .5 Correctional Courts**
Activities, procedures, administration, laws and legislation, reports and surveys
For Probation officers, see 364.6
- .52 Juvenile Courts**
- .53 Domestic Relations Courts Family Courts**

- 364.6 Corrective and Reformative Methods**
Personnel Administration Evaluation
Includes parole, indeterminate sentence, probation, pardon, amnesty, commutation of sentence, violation and revocation of parole
For Prisons, see 365
- .63 Juvenile Probation**
For Juvenile courts, see 364.52
- .7 Reformatory and Correctional Institutions**
For Prisons, see 365; Adult offenders, 364.1
- .72 Juvenile Reformatories**
Includes industrial or training schools, junior republics, colonies, truant schools, borstal system
For Juvenile delinquency, see 364.3; Education of juvenile delinquents, 371.93
- .8 Discharged Convicts and Delinquents**
Includes aftercare
For Release from prison, see 365.64
- .9 Criminology in Specific Countries**
- 365 PENOLOGY**
Organization Administration
Science of punishment, prison management
Includes treatment of prisoners
For Criminal law and punishment, see 343; Correctional institutions, 364.7; Crime and criminals, 364.2; Case studies, 364.1
- .2 Prison Systems**
Includes congregate, solitary or separate confinement; silent, progressive or intermediate stage systems (Pennsylvania, Auburn, Irish or Crofton)
For Reformatories, see 364.7; Convict labor, 365.65

- 365.3 **Penal Institutions**
Prisons, penitentiaries, jails, detention, station houses
Includes penal farms and colonies, exiles, road camps
- .4 **Special Prisons**
Includes prisons for men, women, juveniles, political prisoners, debtors
- .6 **Treatment of Prisoners**
Includes reception, classification (photographing, fingerprinting) of prisoners; discipline; merit system; escapes; punishment of refractory prisoners; release from prison
For Case studies of criminals, see 364.1; Prisons for special classes of offenders, 365.4; Aftercare of discharged prisoners, 364.8; Punitive labor, 365.65
- .65 **Employment of Inmates**
Includes convict labor vs. free labor, systems of prison labor (lease, chain gangs, contract)
- .66 **Prison Welfare Work**
Includes social work, clinical and laboratory, hospital service; directional work in education, recreation
For Prison libraries, see 027.66
- .9 **Penology in Specific Countries**
- 366 **ASSOCIATIONS**
Associations are social groups specifically organized for pursuit of common interests
Includes secret societies
For Associations and institutions in specific fields (religion, art, science), see subjects; Sociological aspect, 301.43; Learned societies, 060; College secret societies, 371.85
- .1 **Masons**
- .2 **Knights of Pythias**
- .3 **Odd Fellows**
- .4 **Rosierucians**
- .5 **Elks**

- 366.6 **Ku Klux Klan**
Formerly classified in 363
- 367 **SOCIAL CLUBS**
- 368 **INSURANCE**
Principles Organization Management
Includes compulsory social insurance, voluntary insurance (commercial, cooperative, voluntary government)
For Form divisions .02-.09, see p. lv; exception in .01 follows:
- 368.01-368.015 **GENERAL INSURANCE**
The following may be applied to any type of insurance, e.g. Fire insurance rate making, 368.11; Life insurance underwriting, 368.32; Settlement of automobile claims, 368.574
- .01 **Theory**
Risk, hazard, law of large numbers, theory of probabilities
Includes actuarial science
For Statistical method, see 311; Mathematical probabilities, 519
- .011 **Rates**
Classification of risks, cooperative rate making organizations
Includes rate making
- .012 **Underwriting**
Estimation and selection of risk, drafting of policies and forms, contract, reinsurance (formerly classified in 368.86)
- .013 **Marketing**
Sales techniques Buyers' interest
- .014 **Claims**
Mechanics of claim and loss settlement

- 368.015 **Finance**
 Investments
 Includes reserves
For Accounting, see 657, Investment finance, 332.66
- .1 **Fire Insurance**
 Includes consequential losses (business interruption or use and occupancy, extra expense, rents and rental values); allied fire lines (riot and civil commotion, earthquake, windstorm, cyclone or tornado, hail, crop insurance, rain, sprinkler and other leakage); war risk; extended coverage
- .2 **Transportation Insurance**
 Includes both ocean and inland marine insurance
- .22 **Ocean Marine Insurance**
 Usually called marine insurance
- .23 **Inland Marine Insurance**
- .3 **Life Insurance**
 Includes accident and health insurance; mortality and survival tables
- .36 **Special Forms of Life Insurance**
 Includes fraternal, assessment, industrial, substandard risks, non-medical, savings bank life insurance; war risk life and accident insurance; group life insurance
- .37 **Annuities**
 Includes group annuities, pension trusts
- .38 **Accident and Health Insurance**
 Includes group accident and health insurance, group hospitalization, medical expense
- .4 **Social Insurance**
 Insurance in which government goes beyond regulation of practices and dissemination of information
For Social legislation such as Social Security Act, see 362.9

- 368.41 **Industrial Accident and Disease Insurance**
 Includes Workmen's compensation insurance
 It is recommended that Liability insurance be classified in 368.57
For Workmen's compensation, see 331.825; Voluntary health and accident insurance, 368.38
- .42 **Sickness Insurance**
 Includes Great Britain's sickness and health plan
- .43 **Old Age and Survivors' Insurance**
 Includes provisions of Railroad Retirement Act of 1937, Social Security Act
For Old age and unemployment insurance, see 368.44
- .44 **Unemployment Insurance**
 Includes provisions of Social Security Act
- .5 **Casualty Insurance**
- .56 **Miscellaneous Casualty Lines**
 Plate glass (formerly classified in 368.6); power plant, livestock loss or damage
- .57 **Liability Insurance**
 Insurance covering loss due to liability for damages imposed by law (formerly classified in 368.41)
 Includes automobile and aviation insurance
- .6 It is recommended that **Glass Insurance** be classified in 368.56
- .8 **Insurance Against Loss Due to Dishonesty or Failure in Performance of an Obligation**
- .82 **Burglary**
 Includes robbery and theft
- .83 **Fidelity Bonds**
 Guarantee against loss to employers because of dishonesty of employees

- 368.84 **Surety Bonds**
Guarantee against loss due to failure to perform an obligation
- .85 **Other Guarantees**
Mortgage, bank deposit, investment guarantees
- .86 It is recommended that **Reinsurance** be classified in 368.012
- .87 **Credit Insurance**
Insurance against loss due to insolvency of creditors
- .88 **Title Insurance**
Insurance against loss due to invalidity of or defect in real estate titles
- .9 **Supervision of Insurance Business by the State**
- .91 **Agencies of Supervision**
Includes reports of State Departments of Insurance, Commissioners
- .93 **Legislation**
Common law Statutes Case law
For Legislation concerning particular kind of insurance, see subject, e.g. Fire insurance law, 368.193
- 369 **OTHER ASSOCIATIONS AND INSTITUTIONS**
- .1 **Hereditary, military, patriotic societies (American)**
- .2 **Hereditary, military, patriotic societies (other than American)**
- .4 **Young People's Societies**
Includes Pioneer Youth of America, Boy Scouts, Girl Scouts, Camp Fire Girls
For Religious societies, see 267.6

370 EDUCATION

For Form divisions .1-9, see p. lv; exceptions .15, .19, and .7 follow:

- 370.15 **Educational Psychology**
Educational psychology deals with conditions that promote or retard processes of learning and on that basis formulates certain principles which should be considered in organization and administration of schools
- .19 **Educational Sociology**
Educational sociology is study of relationships between educational process on one hand and social agencies and society on the other
Includes intercultural education
- .7 **Training of Educators**
- .72 **Institutes and Workshops**
- .73 **Agencies for Training Teachers**
Organization Aims Curricula
Includes teachers' colleges, normal schools, model and demonstration or practice schools
May be divided like 940-999
- .76 **Agencies for Training Administrators**
Graduate schools of education
- .78 **Educational Research**
For Research on any specific phase of education, see topic
- 371 **TEACHING**
Includes personnel, organization, methods for all levels (except college and university) of instruction, both public and private
- .1 **Teaching and Administrative Personnel**
Includes status, duties, responsibilities, relationship of the teaching personnel and administrative officers with parents and community

- 371.11 **Qualifications**
Personality, mental and physical characteristics, experience
For Training required of teachers, see 370.7
- .12 It is recommended that **Training** be classified in 370.7
- .13 **Certification**
Includes examinations, rating, rating scales, standards for teacher certification
- .14 **Personnel Management**
Includes supply and demand, placement, appointment, contracts, tenure, dismissal, turnover, organization of teaching and non-teaching personnel
For Student placement, see 371.427
- .16 **Compensation**
Includes salaries, wage scales, promotion, leave
- .17 **Retirement**
Includes pension, annuities, retirement funds
For Pensions, annuities as part of life insurance business, see 368.37
- .2 **School Organization and Administration**
Organization, administration, supervision within schools, or carried on by school officers and staff
Includes publicity, statistics, records for all levels and types of education
For Organization of public education, see 379.153
- .21 **Admission**
Enrollment, standards, requirements for admission to all grades of schools
- .22 **Tuition**
Includes student aid, scholarships
For College students, see 378.3; Non-resident tuition in public supported schools, 379.13
- .23 **Organization of School Year**
Terms, vacations, summer schools, part-time sessions

- 371.25 **Organization of Student Body**
Size of groups and methods of grouping students
- .26 **Educational Tests and Measurements**
Measurement of ability to learn by means of scholastic aptitude tests, prediction of chance of success, measurement of pupils' growth in subject areas by means of standardized achievement tests
Includes marking and credit systems
For Intelligence tests not used for educational purposes, see 151.2; Diagnostic tests used in student counseling, 371.422
- .27 **Examinations**
Measurement of pupils' growth in subject areas by examinations based on specific courses of study or curricula
- .28 **Promotion**
Includes retardation
- .29 **Other Topics**
Includes commencements, student mortality
- .3 **Methods of teaching**
Includes techniques of teaching (use of drill, textbook, assignment, recitation, questioning, induction)
For Methods of teaching specific subjects or on certain levels, see subject or grade, e.g. High school teaching, 373
- .33 **Teaching Aids and Devices**
Includes lecture, assembly, dramatization, audio-visual material treated together
For School plays, see 371.895
- .333 **Aural Media**
Radio, phonograph, sound recorder, story telling
For Story telling as library function, see 027.62
- .335 **Visual Media**
Motion picture, television, still projector, maps, charts

- 371.36 **Procedures or Administrative Activities of Teaching**
Includes so-called "progressive" or creative teaching (project, problems, subject and activity units); supervised study; "special day" programs
- .37 **Socialized Classroom Procedures**
Seminar, discussion, socialized recitation
- .39 **Other Procedures**
Includes exchange of pupils, trips, visits
- .394 **Individual Development**
Includes provision for individual differences by diagnostic and remedial teaching; instructional counseling by Gary, Dalton, Winnetka plans of homogeneous grouping, differentiated assignments, flexible advancement
For Personnel work with students, see 371.422
- .4 **Special Aspects of Education**
Includes monitorial system of Bell and Lancaster; theories of Jacotot, Quincy
- .42 **Guidance**
Guidance is personal help designed to assist students, not only in schools of all levels, but as long as they need and seek help in solving personal, educational, or vocational problems
- .422 **Educational Guidance**
Personal help designed to assist students in making wise choices, adjustments, interpretations in educational life
Includes student personnel work and counseling, diagnosing needs by analysis of interviews, tests
- .425 **Vocational Guidance**
Assistance given in connection with choosing, preparing for, entering upon, making progress in an occupation
Includes material on "how to get a job," descriptions of specific occupations and careers

- 371.426 **Vocational Education**
Organization Administration Teaching techniques
Education and training in various occupations concerned with agriculture, business, industry, home making
Where interest in education for specific occupations lies chiefly in relation to field of occupation, class in subject field
For So-called "professions" see 378.99 or subject of profession, unless it is desirable to keep all material on education for occupations together
For Vocational rehabilitation, see 371.91
- .427 **Placement Services of Educational Institutions**
Part of guidance program for students
For Placement of college students working to finance their education, see 378.36; of teachers, 371.14
- .5 **School Government and Management**
Includes classroom management by teachers and students
- .52 **Attendance**
Includes compulsory education
- .53 **Rewards**
Competitions, prizes
- .54 **Punishments**
- .59 **Student Participation**
Includes self-government, participation in school management, school city
- .6 **School Plant**
Includes surveys of needs, planning building programs for schools of all levels
For School architecture, see 727.1
- .61 **Play Grounds**

- 371.62 Buildings and Equipment**
Standards Regulations Operation and maintenance
Includes special rooms and buildings (laboratories, gymnasiums, swimming pools); lighting, heating, sanitation, equipment, apparatus
- .64** It is recommended that **School Libraries** be classified in **027.8; Reading Lists for Children, 028.5; College and University Libraries, 027.7**
- .7 School Health**
Includes physical and health education
- .71 Health Service and Supervision**
Includes healthful school living, physical examinations, appraisal of physical fitness, assignment to health classifications, planning for correction of defects, adjustment of school program to physical needs of student, immunization programs and other plans to control communicable diseases, supervision of lunchroom and planned meals, safety measures and instruction
For Management of lunchrooms, see 647.95
- .718** It is recommended that **Open Air Schools** be classified in **371.917**
- .73 Physical Education in Schools**
Organization Administration Tests and measurements
Includes gymnastics (tumbling, stunts, apparatus); individual corrective exercise; combatives (boxing); aquatics; out-of-door activities, (camping, hiking); individual sports (tennis, track, handball); rhythmic (dancing) for all levels of education
For Gymnastics, athletics, sports unconnected with schools, see 796
- .74 Intramural Athletics and Games**
Football, basketball, soccer, baseball
For Athletics and sports unconnected with schools, see 796

- 371.75 Interschool Athletics and Games**
Football, baseball
- .76 Health Education in Schools**
Instruction in personal and community health, first aid, home nursing, sex education
For Health education outside of schools, see 613; Specific subjects included in health education programs, the subject, e.g. Sex education, 612.6
- .8 Student Life and Extra Curricular Activities**
Includes schools of all types and levels
- .805 School Journalism**
How to run a school paper
For Student publications, see school publishing them; teaching journalism, 070.7
- .81 Student Attitudes and Behavior**
Includes ethics
- .83 Student Organizations**
Includes material on secret and non-secret societies
- .85 Secret Societies**
For Secret societies not connected with schools, see 366
- .87 Student Housing**
Management of dormitories, houses
- .89 Other Student Activities**
Organization Programs Management
Includes banquets, dances, pep meetings, class days, cheer-leading
- .895 School Plays and Pageantry**
For school use only
For drama and creative drama as teaching aids, see 371.33

- 371.9 Special Education for Exceptional Students**
Educational programs planned for those who deviate considerably from normal
Includes programs, practices, trends
- .91 Physically Handicapped**
Includes home, hospital, special school instruction; vocational rehabilitation (formerly classified in 331.86)
For Employment of physically handicapped, see 331.59
- .911 Blind and Partially Sighted**
Instruction in Braille and other systems of reading
Sight-saving classes
- .912 Deaf and Hard of Hearing**
Manual and oral instruction Training in speech;
speech and lip reading for deaf
- .914 Speech Defectives**
Correction of such speech defects as stuttering, articulating defects due to malformed teeth, palate, or to injury to nerve centers, as well as oral inactivity; disorders of voice and aphasia
Speech defectives was formerly classified in 371.927
For Speech training for normal voice, see 808.52
- .916 Crippled**
- .917 Delicate**
Includes malnourished, incipient tuberculars, cardiacs, epileptics, and others not in perfect health; open-air schools (formerly classified in 371.718)
- .921 Mentally Handicapped**
Low I. Q.'s Mentally retarded or subnormal
For Sociological studies of mental deficiency, see 301.46
- .927** It is recommended that **Education of Those With Speech Defects** be classified in 371.914

- 371.93 Socially Exceptional**
Those who violate accepted social codes (delinquents, truants, so-called "problem children")
Includes special classes and educational programs of parental, state, training schools
For Organization and management of educational work in correctional institutions, see 365.66
- .95 Gifted**
The high I. Q., bright or superior child, child with special talents
- .96 Exceptional Because of Class Distinction**
Education of princes, nobility
- .97 Exceptional Because of Race**
Education of racial minorities who require special educational facilities or create special problems (Indian in America, Chinese in California)
- .974 Negro**
- .98 Exceptional Because of Nationality or Socio-Religious group**
Education of national, religious or socio-religious minorities who create special educational problems or interests (the Jew in America, the French in Canada)
- 372 ELEMENTARY EDUCATION**
Principles Organization Curricula Methods Evaluation
Includes education in both public and private schools from informal preschool education to graduation from grammar school
Individual schools may be classified with type which they represent
For Organization, methods, discussed from other than the elementary school point of view, see level of school, 373, 374 or 378 or for general discussion, 371
- .2 Early Childhood Education**
Principles Organization Curricula Methods
Teacher training

- 372.21 Kindergarten**
Includes nursery-kindergarten, kindergarten-primary; materials of instruction, development of social attitudes, language, appreciation of music and rhythms; use of play; work periods, songs, stories; works of educators influential in developing kindergartens, e.g. Froebel
- .24 Primary Schools**
Includes education in public and private schools from pre-school which stresses free play, handwork, story telling, training in habits to primary or first three grades of grammar school
- .242 Grammar or Elementary Schools**
Includes intermediate grades (4, 5, 6), upper grades (7, 8) in the usual type grammar school
For Junior high school, see 373.2

372.3-372.8

EDUCATIONAL PROGRAM IN ELEMENTARY SCHOOLS

For grades one to eight

- .3 Science and Nature Study in Elementary Grades**
- .4 Reading Spelling**
Includes methods of teaching oral and silent reading of native languages, materials such as primers, first readers, diagnostic and remedial treatment of reading of elementary students
For Elementary readers used to teach reading of foreign languages, see 400, e.g. French first reader, 448.64; Diagnostic and remedial reading for other than elementary school students, 428.4
- .42 Spelling**
- .5 Creative Arts in Elementary Grades**
Includes painting, drawing with different media, modeling, printing, poster work; crafts (weaving, needlecraft, paper work)

- 372.51 Handwriting**
- .6 Language Arts in Elementary Grades**
Oral and written
Includes vocabulary building, art of conversation, dramatics, public speaking, conduct of meetings, letter writing, accounts, creative composition, formal aspects of grammar, punctuation, capitalization
For Elementary texts for learning foreign languages, see 428.2
- .7 Mathematics in Elementary Grades**
Number concepts; arithmetical processes of addition, subtraction, multiplication, division, fractions; problems
Includes diagnostic and remedial arithmetic
- .8 Other Studies in Elementary Grades**
Studies not provided for elsewhere may be divided like 010-099 or arranged alphabetically by subject
- .83 Social Studies**
Citizenship, civics, safety, health, geography, history studied from viewpoint of relationship of human beings to each other and physical environment in which they live
For Individual social studies, see 372.8, e.g. Teaching of geography in elementary schools, 372.891; Health education, 371.76
- .9 History of Elementary Education**
History Reports Catalogs
Includes public and private elementary schools and education
May be divided like 930-999, e.g. History of elementary education in Germany, 372.943

- 373 **SECONDARY EDUCATION**
Principles Administration Curricula Methods
Evaluation
Includes senior high schools and preparatory schools for boys,
for boys and girls; diagnostic and remedial teaching
*For Schools for girls only, see 376; Vocational education in
secondary schools, 371.426; Guidance work in secondary
schools, 371.42*
- .2 **Junior High Schools**
- .3-.9 **History of Secondary Education**
History Reports Catalogs
Includes public and private secondary schools and education
May be divided like 930-999, e.g. The Boston Latin
School, 373.744
- 374 **ADULT EDUCATION**
Voluntary, purposeful efforts of mature people toward self-devel-
opment without such efforts becoming major activity
*For Special aspects of adult education (education for family
and rural life, citizenship, consumer, civic, health, intercultural,
vocational education) see specific kind of education, e.g. Voca-
tional education, 371.426; Agricultural extension educational
programs, 630.7; College and university extension, 378.13*
- .1 **Self-education for Adults**
Directed or undirected home reading and study
For Remedial reading, see 428.4
- .2 **Techniques and Media of Adult Education**
Includes production, distribution, use of educational material
suited to purposes of adult education
- .21 **Adult Education by Special Interest or Natural Groups**
Includes men and women's clubs (Junto, League of Women
Voters), religious associations (Y.M.C.A.), trade unions
- .22 **Reading and Reading-discussion Group Technique**
Includes People's Guild, Great Books Program

- 374.24 **Discussion Group Technique**
Includes panels, symposiums, town meetings, round tables,
forums, training for leadership of discussion groups
- .26 **Use of Radio in Adult Education**
Includes educational programs of local, state, college, uni-
versity stations; "Groups for better listening" to develop
discrimination and obtain better educational programs
For Use of radio as aid in teaching, see 371.333
- .27 **Use of Motion Pictures and Television in Adult Educa-
tion**
Includes use of documentary films; films to effect emotional
attitudes and impart factual knowledge; films in service of
business, advertising, public relations; combination of film
and discussion (Film forums)
For Use of motion pictures as aid in teaching, see 371.335
- .4 **Correspondence Instruction for Adults**
Includes private correspondence schools, U. S. Armed Forces
Institute, college and university correspondence courses
*For Correspondence courses for specific subjects, see subject,
e.g. Correspondence course in shorthand, 653*
- .8 It is recommended that **Continuation Schools** be classified
in 374.91
- .9 **Institutional Programs of Adult Education**
*For Work of public library in adult education, see 021.2;
Museums, 069.1; Universities and colleges, 378.13*
- .91 **Schools, Centers, Institutes, Workshops**
Includes adult schools (folk school, Cheltenham school);
public school continuation and evening schools for adults
and their work with forums, discussion groups; institutes
(Brooklyn, Burton); centers (Boston Center for Adult Edu-
cation)
Continuation schools was formerly classified in 374.8
- .92 **Churches**

- 374.93 **Adult Education Councils**
- .94-.99 **Government Activity in Adult Education**
Local, state, federal programs of adult education
Includes emergency programs, in-service training
May be divided like 940-999
- 375 **CURRICULUM COURSE OF STUDY**
Theory and principles Construction Evaluation and revision of curriculum
Curriculum is considered as systematic group of courses or sequence of subjects, or general over-all plan of content or materials of instruction; is differentiated from "course of study" which is considered as an official guide to aid in teaching given subjects or areas of study
For Curriculum for specific level of school, see kind of school, e.g. Curriculum for junior high, 373.2; Curriculum of specific subject, 375.01-.9, e.g. Curriculum in the social sciences, 375.3
- .01-.9 **Curricula and Courses of Study in Specific Subjects**
May be divided like 010-999, e.g. Science in the curriculum, 375.5; Courses in English for junior high, 375.42; or arranged alphabetically by subject
For Curricula and courses of study for elementary subjects, see 372.3-.8
Where interest in course of study or curriculum for specific subject area lies with subject, class with subject, e.g. "Science in education; its aim and methods" would probably be more useful in 507 than in 375.5 in a scientific library
- 376 **EDUCATION OF WOMEN**
Includes private and public elementary and secondary schools for girls; question of coeducation
- .8 **Colleges for Women**
Description History Handbooks Bulletins Catalogs
- .9 **History of Education of Women**
May be divided like 930-999

- 377 **RELIGIOUS AND MORAL EDUCATION**
Includes interrelation of church, state, education; problems and activities peculiar to sectarian schools
For Religion in curriculum or course of study, see 375.2; Catalogs, history of denominational schools, 372, 373, or 378, disregarding denomination; Education of religious workers, 207
- .1 **Problems of Religious and Bible Instruction**
Controversial material on religious and Bible instruction in public schools and non-sectarian private schools
For Religious education, see 268 or 375.2
- .2 **Character Education**
For Moral, ethical, or character education in curriculum, see 375.1
- .5 **Parochial Schools**
- .8 **Christian Church and Education**
Problems, programs, evaluation of church education
May be divided like 280
For Specific sectarian schools, see level of school, e.g. Georgetown Prep School, 373
- .9 **Non-Christian Religions and Education**
May be divided like 290
- 378 **COLLEGE AND UNIVERSITY EDUCATION**
Purpose Scope Curricula Trends
For Curriculum in specific areas, see 375.01-.9; Students' life, 371.8; Higher education for women, 376.8; Methods of college teaching, 371.3
- .1 **Organization and Administration**
Includes public relations, finance, management
- .11 **Administrative officers**
Functions of president, dean, registrar, comptroller, boards of trustees

- 378.12 Faculty**
Includes exchange, academic freedom, other problems peculiar to college and university faculties
For Problems of teaching personnel, e.g. pensions, salary, tenure, teaching load, see 371.1; Theory of academic freedom in democracy, 323.44
- .13 University Extension**
Includes academic and professional programs and courses offered on or off campus, lecture series, services of lecturers to groups, alumni education
For University and college correspondence courses, see 374.4
- .15 Types or Levels of Higher Education**
Includes junior college, undergraduate and graduate work
For Specific institutions of higher learning, see 378.4-.9
- .2 Academic Degrees**
Includes requirements for degrees (subjects, residence, examinations, dissertations), honors, academic costume
- .3 Encouragement of Advanced Study and Research**
Includes endowments, foundations, fellowships, scholarships (Carnegie Corporation, Nobel Foundation)
- .36 Student Aid**
Includes loan funds, student aid associations, assistance in finding jobs for self-support
For Placement advice for alumni, see 371.427
- .4-.9 Higher Education in Specific Countries or Institutions**
History Reports Catalogs
May be divided like 940-998, or arranged alphabetically by name of institution
For Women's colleges, see 376.8-.9
- .99 Professional and Technical Education in Institutions of Higher Learning**
May be divided like classification 010-999
Where interest in professional or technical education lies chiefly in subject field, class with subject

- 379 EDUCATION AND THE STATE**
- .1 Public Education**
All tax-supported education as contrasted with private and parochial education
- .11 Financial Administration of Public Education**
Expenditures Fiscal policies Costs Accounting
School funds Debt Budgetary practice
- .12 Federal and State Aid to Public Education**
Includes exemption from taxation, allocation of funds, subsidies, land grants
- .13 Local Support of Public Education**
Includes taxation, endowments, non-resident tuition, bond issues
- .14 Public Education Laws and Legislation**
May be divided like 930-999
- .15 Organization and Administration of Public Education**
Includes setting of standards, accrediting, question of centralization or decentralization of control
- .151 Federal Supervision and Control**
- .152 State Organization and Administration of Public Education**
Includes activities of state boards of education, state superintendents
- .153 Local Organization and Administration of Public Education**
Functions Powers Duties
Includes elected or appointed county, city, district boards of education; trustees
For Superintendents, principals, supervisors employed locally, see 371.1
- .156 Control of Textbooks Used in Public Education**
State or local regulation of selection, publication, provision, price of text books used by public education institutions

- 379.16 Public Institutions of Higher Learning**
Discussion of tax supported colleges and universities
For Specific institutions, see 378.4-.9
- .17 Public Secondary and Elementary Education**
Includes discussions of theory, provisions for, functions of tax-supported secondary and elementary education
For Specific institutions, see level of school, e.g. Western High School, 373
- .173 Public Education in Rural Areas**
For Method, curriculum, see subject, e.g. Methods of teaching in rural grade school, 371.3
- .175 Centralization of Public Education Facilities**
Includes consolidated schools, transportation for students
- .2 Illiteracy**
Includes problems caused by illiteracy; surveys, statistics, control of illiteracy
- .4-.9 History of Public Education**
Includes reports of commissions, boards
May be divided like 940-999
For History of education in general, see 370.9; History of specific types or levels of education, type or level, e.g. History of adult education movement, 374.09; History of elementary education in U. S., 372.973

380 COMMERCE

- Trade or exchange of commodities
For Commercial law, see 347.7; Commercial geography, 911.3
- 380.1 Commercial Theory**
It is recommended that Material more properly related to Production and Economic policy be classified in 338, e.g. Business cycles, 338.54; Government corporations, 338.74; Public utilities, 338.39
- 381 DOMESTIC TRADE**
Exchange of commodities within a country
Includes interstate commerce; domestic trade practices, barriers, regulations; trade associations
- 382 INTERNATIONAL TRADE**
Trade between countries or between mother country and colony
Includes foreign trade practices, trading companies
For Protection and regulation of international trade, trade agreements, see tariff policy, 337; Shipping and commercial routes, 387.5
- .5 Import Trade**
Collection of commodities from abroad for distribution by home traders
- .6 Export Trade**
Sending commodities produced or collected in home country to countries abroad
Includes balance of trade
- 383 POSTAL COMMUNICATION**
Transport of mail by rail, air, ocean facilities
- .1 Postal Services**
Includes classes of mail, mail rates, mail delivery
- .2 Postage Stamps**
- .22 Philately**
Collection and study of stamps, stamped envelopes

- 383.4 **Postal Systems**
Includes international mail systems
- .49 **National Postal Systems**
May be divided like 930-999, c.g. Postal system of England, 383.4942
- 384 **COMMUNICATION**
Administration Regulation Finance Facilities (companies, stations) Services
Transmission of ideas and information
Includes telecommunication
For Mass communication, see 301.243; Electric communication engineering, 621.38
- .1 **Telegraphy**
For Telegraph engineering and operation, see 621.382
- .5 **Radiocommunication**
For Radio engineering and broadcasting, see 621.384
- .55 **Television Communication**
For Television engineering and broadcasting, see 621.388
- .6 **Telephony**
For Telephone engineering and operation, see 621.385
- 385 **TRANSPORTATION**
Administration Regulation Finance Facilities (routes, vehicles, terminals) Services
Conveyance of persons and goods
Includes traffic or business of transportation; competition between transportation systems; reports of Interstate Commerce Commission, public service commissions
For Transportation engineering, see 625; Transportation insurance, 368.2; Architecture of transportation terminals, 725.3; Channels of Communication in city planning, 711.7

- 385.1 **Railroad Transportation**
Administration Regulation Facilities (routes, trains, terminals) Services History
Transportation and traffic on all types of rail routes
Includes street railroads (formerly classified in 388.4)
For Railroad engineering, see 625.1
- .13 **Railroad Finance**
Includes valuation, subsidies, taxation of railroads
- .132 **Railroad Rates**
Determination and regulation of passenger, express, freight rates
- .2 **Railroad Companies**
Includes trains, schedules, services, private car companies (Pullman, Express)
For Rolling stock, see 625.2; Railroading, 625.27
- 386 **INLAND WATERWAY TRANSPORTATION**
Administration Regulation Finance Facilities (routes, vessels, terminals) Services
Transportation and traffic on inland water routes (rivers, lakes, canals)
For Inland waterway engineering, see 627.1
- .3 **River Transportation**
- .4 **Canal Transportation**
- .5 **Lake Transportation**
- .8 **Inland Ports and Harbors**
For Ocean and inland ports treated together, see 387.1; Harbor engineering, 627.2; Port engineering, 627.3
- 387 **MARINE TRANSPORTATION**
Administration Regulation Finance Facilities (routes, ships, terminals) Services
Transportation and traffic on ocean routes
For Marine engineering, see 623.87

- 387.1 Ocean Ports and Harbors**
 Port and terminal facilities
 Includes inland and ocean ports treated together
*For Inland ports, see 386.8; Harbor engineering, 627.2;
 Port engineering, 627.3*
- .11 Port Guides**
 Includes port regulations, charges
- .12 Individual Ports and Harbors**
 Includes river, bay, combination, open roadstead ports
- .13 Free Ports and Harbors**
 Foreign-trade zones
- .2 Ship Registers**
 Includes lists of vessels; their classification, rating, tonnage
- .5 Merchant Marine**
 Water-borne commerce
For Maritime law, see 347.7; Marine insurance, 368.22
- .51 Shipping**
 Water transport or carrying business
 Includes shipping practice (cargo handling stowage) long-shoremen or stevedores
- .52 Trade Routes**
 Ocean routes for commerce
- .522 Intercoastal Routes**
 Routes for international trade
For International trade, see 382
- .524 Coastwise Routes**
 Routes for trade between ports of the same country
For Domestic trade, see 381
- .54 Steamship Lines**
 Includes ocean liners, schedules, services
- .55 Salvage**
 Includes underwater salvage operations (submarine diving)

- 387.7 AIR TRANSPORTATION**
 Administration Regulation Finance Facilities (routes, airliners, terminals) Services
 Commercial aeronautics or transportation and traffic on air routes
For Aeronautics, see 629.1
- .72 Airways**
 Aerial routes or connecting links between airports
 Includes route accessories (beacons, markers)
- .73 Air Terminals**
 Includes airports, landing fields
- .74 Air Lines**
 Includes air liners, schedules, services
- 388 HIGHWAY TRANSPORTATION**
 Administration Regulation Finance Facilities (routes, motor vehicles, terminals) Services
For Highway engineering, see 625.7
- .3 Automotive Transportation**
 Motor bus, taxicab, trucking companies; their motor carriers, schedules, services
For Automotive engineering, see 629.2; Traffic engineering, 625.79
- .4** It is recommended that **Street Railroad Transportation** be classified in **385.1**
- 389 STANDARDIZATION**
 Includes standardization of weights and measures
For Time systems and standards, see 529.7

390 CUSTOMS

Customs are habits and conventions that have become traditional
For Social psychology, see 301.1; Social institutions, 301.4;
Cultural anthropology, 572.7

390.9 National Customs

May be divided like 930-999

391 COSTUME AND ACCESSORIES

Includes hairdressing, wigs, beards, shoes, canes, hats, veils, fans, buttons, other ornaments

For Fashions, see 646.01; Costuming and costume designs for theatrical production, 792.02; Jewelry, 739.27

.09 History of Costume

392 CUSTOMS OF LIFE CYCLE

Includes customs attendant upon birth, naming, circumcision, reaching maturity, betrothal, marriage, death (formerly classified in 393)

For Christian rites, see 265; Rites in comparative religion, 291; Judaic rites, 296.4; Marriage and family, 301.42; Ethics applied to family, 177; Cultural anthropology, 572.7; Sex problems, 301.424-.426; War customs, 399

393 It is recommended that **TREATMENT OF DEAD** be classified in 392

394 POLITICAL AND SOCIAL CUSTOMS

Includes eating, processions, parades, carnivals, tournaments, fireworks; ceremonies for coronation of rulers; inauguration ceremonies for executive officers; dueling, suicide customs

For Dances, see 793.3; Special dress, 391; Suicide, 301.46; Special day programs in schools, 371.36

.2 Holidays

Comprehensive treatment of holidays
Includes origin of celebration, types of holidays (French holidays, patriotic holidays, summer holidays)

394.26 Celebration of Holidays

Plans and specific programs for celebration of separate holidays (Christmas, New Year, Memorial Day, Independence Day)

May be arranged alphabetically by name of day

395 ETIQUETTE

Codes of social procedure and conduct

For Applied ethics, see 177

396 WOMAN'S POSITION IN SOCIETY

It is recommended that as much material as possible on this subject be classified in the more specific subject, e.g. Position of women in Christian church, 261.8; Women of Bible, 220.92; Political status of women, 324.3; Employment of women, 331.4; Education of women, 376, leaving 396 for comprehensive works or for special collections

397 GYPSIES

It is recommended that **Romany** language be classified in 491.4
For Minority groups, see 301.45

398 FOLKLORE

Includes riddles, proverbs, popular cries

For Mythology, see 291; Children's stories, 800; Cultural anthropology, 572.7; Linguistics, 400; Folk songs, 784.4

.2 Legends and Folk-Tales

Narrative prose

.21 Folk-Tales

Tales handed down by word of mouth among common people
Includes tales of animals, magic, romance, stupid people; tall tales

.22 Legends of Human Beings

Narrative founded on tradition with some intermixture of fact
Includes secular heroes (Arthur, Charlemagne, Cid), outlaws (Robin Hood, Jesse James, Captain Kidd)

410 COMPARATIVE LINGUISTICS

For Individual language, see language, e.g. German semantics, 432

- 411 **WRITING**
412 **ETYMOLOGY SEMANTICS**
413 **LEXICOGRAPHY POLYGLOT
DICTIONARIES**
414 **PHONOLOGY**
For Physiology of speech, see 612.78
415 **GRAMMAR MORPHOLOGY SYNTAX**
416 It is recommended that **PROSODY** be classified in 808.1
417 **INSCRIPTIONS PALEOGRAPHY**
For Early rare manuscripts, see 091; English paleography, 421
418 **TEXTS**
419 **LANGUAGE COMMUNICATED OTHER-
WISE THAN BY WORDS OR LETTERS OF
AN ALPHABET**
*Includes sign language, picture language, hieroglyphics
For Communication for deaf mutes, see 371.912*

420 ENGLISH LANGUAGE

*For Texts for learning English as a foreign language, see 428.24;
Elementary school texts, 372.6; Form divisions 1-9, p. lv*

- 421 **WRITING**
*Includes paleography, inscriptions
For Handwriting, see 652.1; Handwriting in elementary educa-
tion, 372.51*
.1 **Alphabet**
.4 **Spelling Variations**
*Includes phonetic alphabets and spelling, and spelling reform
For Spelling books, see 428.1; Spelling books in elementary
education, 372.42*
.5 **Pronunciation**
.8 **Abbreviations**
For Shorthand, see 653; Codes, 652.8
.9 **Punctuation**
Includes capitalization
422 **DERIVATION**
*Origin and law of English language Derivation of various
parts of speech, e.g. noun, verb forms, prefixes, suffixes, redupli-
cation
Includes Semantics (meaning)
For General semantics, see 190*
423 **DICTIONARIES**
*Dictionaries in English
Includes lexicography, vocabulary*
.1 **Idioms**
.2-9 **Two-way Dictionaries**
*Dictionaries in which English is the less known language, e.g.
English-Portuguese dictionary in a Brazilian library, 423.69
May be divided like 420-499
For Two-way dictionaries where English is better known
language, see the other language, e.g. in an American library
English-French dictionary, 443.2; German-English, 433.2*

- 424 **SYNONYMS, HOMONYMS, ANTONYMS**
- 425 **GRAMMAR**
It is recommended that **Texts for Learning Mother Tongue** be classified in 428
- .1 **Morphology and Inflection**
- .2 **Syntax**
Includes arrangement of words, parts of speech
- 426 It is recommended that **PROSODY** be classified in 808.1
- 427 **PATOIS SLANG DIALECTOLOGY**
- .02 **Middle English (1101-1500)**
For *Old English*, see 429; *Modern English*, 420's
- .09 **Slang**
For *American-English slang*, see 427.9
- .1-.8 **Dialects**
May be divided like 942.1-.8, c.g. *Cockney dialect*, 427.1
- .9 **Dialects not Provided for Above**
Includes *American-English*, *New Zealand-English*
- 428 **TEXTS FOR LEARNING ENGLISH LANGUAGE**
Designed primarily for use outside elementary schools for those who need the rudiments of or correction in oral or written English
For *Texts for learning other languages*, see *language*, e.g. *Elementary French Reader for Americans*, 448.64
- .1 **Spelling Books**
For *Spelling books designed for use in elementary schools*, see 372.42
- .2 **Elementary or "First" Books**
Combined grammar, composition, vocabulary and exercises for use by those whose native language is English
For *Language arts in elementary schools*, see 372.6; *Elements of English grammar*, 425; *English composition*, 808

- 428.24 **"First" Books for Those Whose Mother Tongue Is Not English**
- .25 **Modifications of English**
Includes *Basic English*
- .3 **Use of Words**
Includes errors of speech, vulgarisms
For *Slang*, see 427.09; *Synonyms*, 424; *Vocabulary*, 423
- .4 **Remedial Reading**
Includes reading beyond "elementary"
- .6 **Elementary or "First" Readers**
Combined literary selections or compositions, vocabularies and exercises for use by those whose native language is English
Includes adult education readers
For *English composition*, see 808; *Reading in elementary schools*, 372.4
- .64 **Readers for Those Whose Mother Tongue is Not English**
- 429 **OLD ENGLISH (ANGLO-SAXON), 500-1100 AD**

430 GERMAN

431-439 may be divided like 420; expansion in 437 and 439 follows:

- 437.01 **Old High German to 1100**
- .02 **Middle High German 1101-1500**
- .9 **Yiddish**
Yiddish was formerly classified in 492.49
- 439 **GERMANIC LANGUAGES**
Includes Frisian, Anglo Frisian, Old Saxon, and Gothic
- .3 **Netherlandish and Low German Dialects**
- .31 **Dutch**
- .32 **Flemish**
- .36 **Afrikaans**
- .4 **Plattdeutsch (Modern Low German)**
- .5 **Scandinavian**
- .6 **Old Norse** **Icelandic** **Faroese**
- .7 **Swedish**
- .8 **Danish** **Norwegian**
- .81 **Danish**
- .82 **Norwegian**

440 FRENCH

For Romance languages, see 479.1

441-449 may be divided like 420; expansion in 447 and 449 follows:

- 447.01 **Old French (to 1400)**
- .02 **Middle French (1401-1600)**
- .03 **Modern French (1601-1850)**
- .9 **Canadian and Creole French**
- 449 **PROVENÇAL**
- .9 **Catalan**

450 ITALIAN

For Romance languages, see 479.1

451-459 may be divided like 420; expansion in 457 and 459 follows:

- 457.01 Old Italian (to 1300)
- .02 Middle Italian (1301-1600)
- .03 Modern Italian (1601-1875)
- 459 RUMANIAN
- .9 Romansch (Rhetic)

460 SPANISH

For Romance languages, see 479.1

461-469 may be divided like 420; expansion in 467 and 469 follows:

- 467.01 Old Spanish (to 1100)
- .02 Middle Spanish (1101-1600)
- .03 Modern Spanish (1601-1850)
- 469 PORTUGUESE
- .701 Old Portuguese (to 1100)
- .702 Middle Portuguese (1101-1600)
- .703 Modern Portuguese (1601-1850)
- .9 Galician

470 LATIN

For Classical languages, see 489.1

471-479 may be divided like 420; expansion in 477 and 479 follows:

- 477.01 Old Latin (to 80 BC)
- .02 Classical Latin (81 BC-117 AD)
- .03 Post-classical Latin
- .05 Vulgar Latin
- 479 OTHER ITALIC MEDIEVAL AND MODERN
LATIN (CHURCH LATIN)
- .1 Romance Languages

480 GREEK

For Classical languages, see 489.1

481-489 may be divided like 420; expansion in 487 and 489 follows:

- 487.01 Classical Period
- .02 Hellenistic Period
- .03 Biblical Period
- .04 New Testament Period
- .05 Medieval Period
- 489 HELLENIC GROUP MODERN GREEK
- .1 Classical Languages

490 OTHER LANGUAGES

Includes Oriental languages

491 INDO-EUROPEAN LANGUAGES

INDO-HITTITE

491.54, .62, .66, .7, .81, .84, .85, .86, .92, .93 may be divided like 420

- .1 **Indo-Iranian** **Indic**
- .2 **Old Indic** **Sanskrit**
- .3 **Prakrit** **Pali**
- .4 **Modern Indic**
Includes Hindi, Urdu, Bengali, Marathi, Gujarati, Hindustani, Panjabi, Sindhi, Romany (formerly classified in 397)
- .5 **Iranian**
Includes Avestan, Old Persian, Baluchi, Pamir dialects, Pashto
- .54 **Armenian**
- .55 **Modern West Iranian (Modern Persian)**
- .6 **Italo-Celtic** **Celtic**
Includes Gaelic: Scotch Gaelic; Cornish, Breton, Gaulish
- .62 **Irish**
- .66 **Welsh**
- .69 It is recommended that **Basque** be classified in 499.9
- .7 **Slavic** **Russian**
 - .7701 **Old Russian (1101-1550)**
 - .7702 **Middle Russian (1551-1750)**
 - .7703 **Modern Russian (1751-1920)**
- .79 **Ukrainian**
- .8 **Windish** **Moravian** **Slovak** **Croatian** **Polabian**
- .81 **Bulgarian**
- .82 **Serbian**

- 491.84 **Slovene**
- .85 **Polish**
- .86 **Czech (Bohemian)**
- .9 **Baltic**
Includes Old Prussian, Latvian
- .92 **Lithuanian**
- .93 **Lettish**
- .99 **Other Indo-European Languages**
Includes Hittite and its group, e.g. Anatolian (Hittite proper, Hieroglyphic Hittite, Luwian, Lycian, Lydian); Tokharian, Kuchean
- .991 **Thraco-Illyrian**
Includes Albanian, Illyrian, Thracian, Phygian
For Armenian, see 491.54
- 492 **SEMITIC LANGUAGES**
492.1-.9 may be divided like 420
 - .1 **Aramaic**
 - .19 **Assyrian** **Babylonian**
 - .2 **Chaldean**
 - .3 **Syrian language**
 - .4 **Hebrew**
 - .49 It is recommended that **Yiddish** be classified in 437.9
 - .5 **Samaritan**
 - .6 **Phoenician** **Punic** **Carthaginian**
 - .7 **Arabic**
 - .8 **Ethiopian**
Includes Gez, Tigrinya, Tigré, Amharic, Gafat, Harari, Gurage
For Hamitic Ethiopian languages, see 493.5
 - .9 **Himyaritic (Mineo-Sabean)**
Includes Sabean, Mincan, Mahra, Soqatra, Qataban, Awsan, Libyanite, Thamudian, Safaitic

- 493 **HAMITIC LANGUAGES**
493.1-.2 may be divided like 420
- .1 **Old Egyptian**
- .2 **Coptic**
- .3 **Libyan or Berber Group**
Includes Algerian Kabyle, Mozabi, Moorish, Touarik or Touareg
- .5 **Hamitic Ethiopian (Cushitic)**
Includes Somali, Galla, Beja (Bedawye), Afar, Saho, Agaw (Aghagha)
- 494 **TUNGUZIC, MONGOLIC, TURKIC,
SAMOYED, FINNO-UGRIC AND
HYPERBOREAN LANGUAGES**
- .1 **Tunguzic**
Includes Tungus proper, Lamut, Manchu
- .2 **Mongolic**
Includes Kalmuk, Buryat
- .3 **Turkic**
Includes Yakut, Uryanhay (Uigur), Kirghiz, Nogay, Turkmen, Chuvash
- .35 **Turkish Proper (Osmanli)**
May be divided like 420
- .4 **Samoyed**
Includes Yurak, Yenisey, Tawgi, Ostyak (Samoyed), Kamas
For Ostyak (Ugric), see 494.5
- .5 **Finno-Ugric**
Includes Obi-Ugric, Vogul, Ostyak (Ugric) Finnic or Volga, Mordvinian, Cheremiss, Zyrian or Komi, Votyak or Udmurt, Karilian
494.511-.55 may be divided like 420
- .511 **Hungarian (Magyar)**

- 494.531 **Permian**
- .541 **Finnish**
- .545 **Estonian**
- .55 **Lappish**
- .6 **Hyperborean (Paleoasiatic)**
Includes Yukaghir, Chukchean, Gilyak, Ainu
- .8 **Caucasic Dravidian**
Caucasic (formerly classified in 499.96) includes Chechenian, Circassian, Kartvelian, Georgian, Mingrelian, Laz, Svan
Dravidian includes Tamil, Malayalam, Kanarese, Tulu, Kodagu, Kota, Toda, Telugu, Gond, Kandh
- 495 **SINO-TIBETAN, JAPANESE-KOREAN,
AUSTRO-ASIATIC**
495.1-.95 may be divided like 420
- .1 **Chinese**
- .4 **Tibetan**
- .5 **Himalayan**
- .6 **Japanese**
- .7 **Korean**
- .8 **Burmese**
- .91 **Siamese**
- .92 **Annamese**
- .95 **Munda**
- 496 **AFRICAN LANGUAGES**
For Ethiopic languages, see 492.8; Hamitic languages, 493
- .1 **Bushman-Hottentot**
Bushman language was formerly classified in 496.2
- .2 It is recommended that **Bushman** language be classified in 496.1
- .3 **Bantu**
- .4 **Guinean**

- 496.5 **Sudanese**
- 497 **NORTH AMERICAN LANGUAGES**
Based on G. L. Trager A bibliographic classification system for linguistics and languages Studies in Linguistics, v. 3 1945
- .1 **Eskimoan**
- .15 **Aleutian**
- .2 **Na-Dene: Haida, Dene**
Includes Tlingit; Athabascan (Athapascan); Chipewyan, Apachean, Navaho, Chiricahua, Mescalero, Jicarilla, Kiowa Apache
- .3 **Algonkian-Mosan: Algonkian-Ritwan, Beothuk, Kutenai, Mosan**
Includes Mikmak, Abnaki, Delaware, Natick, Crec, Wiyot, Nootka, Kwakiutl, Salish, Kalispel
- .4 **Macro-Penutian: Penutian, Azteco-Tanoan, Tunican, Mayoid, Totonac**
Includes Coos, Tsimshian, Mixc, Sahaptian, Nez Percé, Shoshoni, Nahuatl, Taos, Maya, Yucatec, Pokonchi, Chinook, Klamath, Pima Alto (Papago, Piato, Himeri)
- .5 **Hokan-Siouan: Hokan-Coachuiltecan, Yukian, Keresan, Iroquois-Caddoan, Siouan-Muskogean**
Includes Yuman, Huron, Mohawk, Seneca, Cherokee, Dakota, Santee, Taensa, Old and New Creek (Muskogee), Timukian, Choctaw (New)
- .6 **Macro-Otomanguean: Otomanguean, Mixtecan, Zapotecan, Chinantecan**
Includes Otomi, Mazahua, Popoloca, Chocho, Mazatec, Chorotegan, Chiapanec, Mixtec, Chatino
- .7 **Tarascan**
- .8 **Miskito-Matagalpan: Miskito (Mosquito), Suman, Matagalpan**
Includes Mam (Miskito), Ulva, Tawahkan, Panamakan, Ku, Bambana, Baymunana, Cacaopera

- 498 **SOUTH AMERICAN LANGUAGES**
Includes Chibchan, Kechuan, Aymara, Cunza-Diaguita, Al-lentiac, Millcayac, Tucano
- 499 **AUSTRONESIAN**
For Austro-Asiatic languages (Annamese, Munda), see 495
- .1 **Papuan**
- .2 **Indonesian**
Includes Malagassy, Philippine languages (Tagalog), Chamorro (Marianas-Saipan), Javanese, Malay
- .4 **Polynesian**
Hawaiian, Rapnui (Easter Islands)
- .5 **Melanesian Micronesian (Isolated Islands)**
- .6 **Australian**
- .9 **Other Languages**
Includes Basque (formerly classified in 491.69)
- .96 It is recommended that **Caucasic Languages** be classified in 494.8

500 Pure Science

For Specific subjects in Pure science, see 510-590, e.g. Inorganic chemistry, 546; Atomic physics, 539; Applied science, 600; Form divisions 1-9, p. lv

510 MATHEMATICS

For Form divisions .1-7, .9, see p. lv; exception in .8 follows:

- 510.81 **Computation Instruments and Machines**
Where interest in computation machines lies chiefly with electronics, class in 621.34
- .85 **Mathematical Tables**
Includes collections, elementary functions
- 511 **ARITHMETIC**
- .2 **Number Theory**
For Algebraic number theory, see 512.81; Analytical number theory, 518.5
- .8 **Mercantile Rules**
Includes interest tables, mensuration
- 512 **ALGEBRA**
Includes high school and elementary algebra
- .5 **Combinatory Algebra**
Permutations, combinations, partitions
- .8 **Abstract Algebra**
Includes determinants, matrices, quantics (theory of forms), invariant theory
- .81 **Algebraic Number Theory**
- .82 **Theory of Equations**
- .85 **Algebraic Theory of Vectors and Quaternions**
- .86 **Group Theory**
Includes continuous groups, transformations, substitutions
- .88 **Invariant Theory**
- .89 **Special Topics in Algebra**
Includes lattices, rings, ideals
- 9 **Problems in Algebra**

- 513 **GEOMETRY**
 Inclusive material on plane and solid geometry
 Includes n-dimensional Euclidean synthetic geometry
 For Descriptive geometry, see 515; Mechanical drawing, 744
- .01 **Foundations and Philosophy of Geometry**
- .1 **Elementary Plane Euclidean Synthetic Geometry**
- .3 **Elementary Solid Euclidean Synthetic Geometry**
- .5 **Advanced Euclidean Synthetic Geometry**
 Plane and solid
- .8 **Non-Euclidean Geometry**
- .83 **Combinatorial Topology (Analysis Situs)**
- 514 **TRIGONOMETRY**
- 515 **DESCRIPTIVE GEOMETRY**
- 516 **EUCLIDEAN ANALYTIC GEOMETRY**
- .5 **Projective Geometry (Analytic and Synthetic)**
 Includes special configurations (curves and surfaces)
- .7 **Differential Geometry**
- .8 **Vectors Tensors Quaternions**
- .9 **Problems in Geometry**
- 517 **CALCULUS**
 Includes elementary, advanced calculus
- .1 **Theory of Functions of Real Variable**
 Includes development of number system, theory of sets, transfinite numbers; functional analysis (Hilbert space); theory of measure
- .2 **Series, Products and Other Infinite Expansions**
 Includes divergent series, summability methods, orthogonal series, Fourier series
- .3 **Integration and Differentiation**
 Includes theory and tables of integrals

- 517.35 It is recommended that **Bessel Functions** be classified in 518.3
- .36 It is recommended that **Elliptic Functions** be classified in 518.4
- .37 **Integral Equations**
- .38 **Elementary Differential Equations**
 Ordinary and partial
- .4 **Calculus of Variations**
- .6 **Finite Differences**
 Includes numerical analysis; nomography and graphical methods
- .7 **Operational Methods**
 Includes Fourier integrals, Fourier and Laplace transformations
- .8 **Theory of Functions of Complex Variables**
 Includes theory of functions of several complex variables and special topics in analysis
- .9 **Problems in Analysis**
- 518 **SPECIAL FUNCTIONS**
- .1 **Gamma Functions**
- .2 **Legendre Functions**
- .3 **Bessel Functions**
 Formerly classified in 517.35
- .4 **Elliptic Functions and Integrals**
 Formerly classified in 517.36
- .5 **Riemann-zeta Functions and Analytical Theory of Numbers**
- 519 **PROBABILITY**
- .1 **Philosophical Foundations and History of Probability**
- .8 **Treatment of Experimental Data**
 Includes least squares

- 519.9 **Mathematical Theory of Statistics**
Where interest in mathematical statistics lies chiefly in statistics, class in 311.2
- .92 **Design of Experiments**
- .93 **Mathematical Theory of Sampling**
Includes theory of quality control

520 ASTRONOMY

- 521 **CELESTIAL DYNAMICS**
Includes theoretical astronomy, orbits, perturbations
For Law of gravitation, see 530.1; Motions of individual bodies, 523, 525
- 522 **OBSERVATORIES AND INSTRUMENTS**
Includes photometer, spectroscope, bolometer
- .1 **Observatories**
- .2 **Telescopes**
- .5 **Auxiliary Instruments**
- .6 **Observational Techniques**
Includes photometry, photography, polarimetry, spectroscopy
- 523 **DESCRIPTIVE ASTRONOMY ASTROPHYSICS**
Descriptive astronomy is general description of celestial bodies and astronomical laws; Astrophysics deals principally with physical and chemical nature of heavenly bodies
Includes so called "popular astronomy"
- .1 **Universe**
Includes structure of galactic system; cosmogony: theory of origin and evolution of parts of universe (formerly classified in 113)
- .2 **Solar System**
Includes motions of solar system; constitution of planetary system
- .3 **Moon**
Includes motion, surface features (atmosphere, craters), size, heat, light, eclipses, physical condition
- .4 **Planets**
Distance, motions, physical condition
- .5 **Meteors and Zodiacal Light**
Includes meteorites

- 523.6 **Comets**
Orbits, physical constitution, remarkable comets
- .7 **Sun**
Includes dimensions, motions, internal constitution
- .72 **Heat and Light**
Includes solar radiation
- .74 **Physical Appearance**
- .77 **Spectrum**
- .78 **Eclipses**
- .8 **Stars**
Includes physical constitution
- .81 **Stellar Parallax** **Distance**
- .82 **Heat and Light** **Magnitudes**
- .83 **Proper Motions** **Radial Velocity**
- .84 **Variable, Double, Multiple Stars**
Includes novae
- .85 **Clusters**
- .87 **Spectrum**
- .89 **Constellations** **Maps** **Catalogs**
- 524 It is recommended that **ASTRONOMICAL MAPS AND TABLES** be classified with specific subjects, e.g. **MAPS OF STARS, 523.89; OBSERVATORY PUBLICATIONS, 522.1**
- 525 **EARTH**
- .1 **Constants**
Mass, weight, density, distance from sun, parallax, shape, dimensions
For Determination of size and shape of the earth, see 526.1
- .3 **Orbits and Motions**
- .5 **Seasons**

- 525.6 **Tides**
Includes mathematical theory
- .69 **Tide Tables**
- 526 **GEODESY**
Science of measuring portions of earth's surface by triangulation and astronomical observations; determination of magnitude and figure of the earth
- .1 **Determination of Properties, Size and Shape**
Includes determination of geoid by deflections of the vertical, of spheroid by geodetic-astronomic method of flattening by gravity measurements, astronomic methods
For Isostasy, see 551.15
- .2 **Geodetic Work Completed or Projected**
Includes lists of geodetic data, operations in various countries
- .3 **Geodetic Surveying**
- .31 **Reconnaissance Surveys**
- .33 **Triangulation**
Includes base and precise traverse measurements, angle measurements, triangulation computation and adjustment (formerly classified in 526.4)
- .36 **Precise Spirit Leveling**
Includes instruments, field methods; orthometric and dynamic theory; computation and adjustment of observations; general questions of mean sea level
- .38 **Trigonometrical Leveling**
Geodetic refraction
Zenith distances (observations, calculations and adjustment)
- .4 It is recommended that **Computation of Triangulation** be classified in 526.33

- 526.6 **Geodetic and Positional Astronomy**
Includes application of spherical astronomy to geodesy resulting in geodetic latitude, longitude, azimuth; considerations in accurate measurement of positions of bodies or points on celestial sphere (relative deflections of the vertical, topographic and isostatic reductions, Laplace stations and their use in triangulation)
For Astronomical latitude, longitude, azimuth, see 527
- .7 **Physical Geodesy**
Study of gravity and gravitation; determination of intensity of gravity
Includes methods, instruments
- .8 **Cartography**
Compilation, drafting, editing of maps and charts; map reproduction
For Military sketching, map making and reading, see 623.71
- .9 **Surveying**
Obtaining data for maps
For Geodetic surveying, see 526.3
- .91 **Plane Surveying**
Includes instruments, methods
- .92 **Boundary Surveying**
- .98 **Topographic Surveying**
Use of contours or comparable symbols on maps to show physical features, e.g. mountains, valleys, plains
Includes photogrammetric methods (field methods and instruments, office methods and plotting instruments)
For Military photogrammetry, see 623.71
- .99 **Hydrographic Surveying**
- 527 **CELESTIAL NAVIGATION**
Determining position of ship from observations of heavenly bodies
Includes astronomical latitude, longitude, azimuth
For Air navigation, see 629.125; Navigation, 623.89

- 528 **NAUTICAL ALMANACS AND EPHEMERIDES**
For Air almanacs, see 629.125
- 529 **MEASUREMENT OF TIME**
Includes sidereal and solar day
- .2 **Intervals of Time**
Includes eras, kinds of years, months, weeks, decades
- .3 **Calendars**
Includes ancient and non-Christian calendars
- .4 **Christian Calendars**
- .5 **Projected Reform of Calendar**
- .7 **Determination of Time**
Includes methods, time systems and standards, instruments (dials, hourglasses, clocks, watches)
For Construction and repair of time measuring instruments, see 681.1

530 PHYSICS

- 530.1 **Theory of Physics**
Includes statistical mechanics, wave mechanics, quantum mechanics, relativity, gravity (formerly classified in 531.5)
For Theory of thermodynamics and statistical mechanics, see 536.1
- 531 **MECHANICS OF SOLIDS**
For Thermodynamic properties of solids, see 536.43
- .2 **Rigid Bodies**
Includes graphic statics, static equilibrium, kinematics of mechanisms, dynamics of point masses, velocity, acceleration, acceleration of gravity, translation and rotation of rigid bodies
- .3 **Elastic Bodies**
Includes stress and strain distribution, elastic instability, vibration, impact
For Engineering properties of materials, see 620.11
- .5 It is recommended that **Gravity** be classified in 530.1
- 532 **MECHANICS OF LIQUIDS**
Use as comprehensive number for Mechanics of fluids (liquids and gases)
For Thermodynamic properties of liquids, see 536.42
- .2 **Hydrostatics**
Includes pressure, buoyancy
- .5 **Hydrodynamics**
Includes flow in pipes and channels, water waves, cavitation, liquid lubrication
- 533 **MECHANICS OF GASES**
Includes Kinetic theory of gases
For Meteorology, see 551.5
- .1 **Properties of Gases**
For Thermodynamic properties of gases, see 536.44

- 533.12 **Equilibrium Properties of Gases and Vapors**
Compressibility, vapor pressure
- .13 **Transport Properties of Gases**
Includes viscosity, diffusion
- .6 **Aerodynamics**
For Aerodynamics of flight, see 629.123
- 534 **SOUND**
Includes acoustics
For Architectural acoustics, see 729.2
- .1 **Generation of Sound Waves**
- .2 **Propagation of Sound Waves**
Includes diffraction, transmission, and absorption of sound waves in continuous media
For Sound velocity in gases, see Mechanics of gases, 533
- .4 **Measurements of Sound Waves**
Includes measurement of frequency and intensity
- .5 **Ultrasonics**
Includes generation of sound waves above audible range, their use in determining properties of material
For Engineering properties of materials, see 620.11
- 535 **OPTICS**
Includes light, infra-red and ultra-violet radiation
For Electron optics, see 537.1
- .1 **Theoretical Optics**
- .2 **Physical Optics**
- .3 **Geometrical Optics**
Includes refraction and reflection, design of optical instruments
For Use of optical instruments, see 535.8
- .5 It is recommended that **Polariscope** be classified in 535.8

- 535.6 **Physiological Optics**
Includes light values, vision, color
For *Physiology of the eye*, see 612.8; *Optometry*, 617.7
- .65 **Luminescence**
Includes fluorescence, phosphorescence
For *Fluorescent lighting*, see 621.32
- .66 **X-rays**
For *Application*, see subject, e.g. *Roentgen rays in medical diagnosis*, 616.07; *Radiographic testing*, 620.112; *X-ray determination of crystal structure of matter*, 548.83
- .8 **Applications of optics**
Includes use of lens, microscope, telescope, spectroscope, polariscope (formerly classified in 535.5)
For *Specific application*, see specific number, e.g. *Interpretation of line spectra*, 539.8; *Interpretation of band spectra*, 539.1; *Spectroscopic analysis in Analytical chemistry*, 544 and 545.4
- .89 **Experimental Optical Techniques**
Includes methods of producing and measuring optical phenomena and properties, transmittance
- 536 **HEAT**
- .1 **Theory of Thermodynamics and Statistical Mechanics**
For *Chemical thermodynamics*, see 541.36; *Engineering thermodynamics*, 621.01
- .2 **Transmission of Heat**
Conduction, convection, radiation
For *Chemical engineering including heat transfer*, see 660.28
- .4 **Thermodynamic Properties of Matter**
- .42 **Liquids**
- .43 **Solids**
- .44 **Gases**
- .5 **Temperature and Temperature Measurements**

- 536.56 **Cryogenics**
Production of very low temperature; properties of matter at very low temperatures
For *Superconductivity*, see 537.22
- .57 **High Temperatures**
Combustion, explosion
For *Fuel technology*, see 662.6; *Explosives*, 662.2; *Heating systems*, 697
- .6 **Calorimetry**
- 537 **ELECTRICITY AND MAGNETISM**
Magnetism was formerly classified in 538
For *Atmospheric electricity*, see 551.56; *Terrestrial magnetism*, 551.16; *Electric measurements*, 621.37
- .1 **Theoretical Electricity and Magnetism**
Includes electron optics
- .12 **Electromagnetic Fields and Waves**
Electromagnetism was formerly classified in 538.3
Includes microwaves, wave guides
For *Microwave spectroscopy*, see 539.1
- .2 **Electrical Properties of Matter**
For *Engineering properties of materials*, see 620.11
- .22 **Dielectrics**
Includes capacitor (condenser), electric dipole moments, conductivity, superconductivity, semiconductors
For *Dielectric constants in chemistry*, see 541.8; *Dipole moments in chemistry*, 541.8
- .3 **Magnetic Properties of Matter**
For *Engineering properties of materials*, see 620.11
- .4 It is recommended that **Atmospheric Electricity** be classified in 551.56

- 537.5 **Physical Electronics**
Includes electronic theory, thermionics
For Electronics and electron tubes, see 621.34
- .53 **Electric Discharge in Gases**
- .54 **Photo-electric Effects**
- .55 **Piezoelectric Effects**
Includes piezoelectric crystals
- 538 It is recommended that **MAGNETISM** be classified with **ELECTRICITY** in 537; except **TERRESTRIAL MAGNETISM**, 551.16
- 539 **MOLECULAR, NUCLEAR, ATOMIC PHYSICS**
- .1 **Molecular Structure**
Includes Raman effect, band spectra, rotational and vibrational spectra, microwave spectroscopy
For Molecular structure in chemistry, see 541.22
- .2 **Physics of Solids**
Constitution, structure, energy states
For Mechanics of solids, see 531; Thermodynamic properties of solids, 536.43; Chemical structure of matter, 541.2
- .7 **Nuclear Physics**
- .72 **Fundamental Radiations**
Includes electrons, neutrons, mesons, protons, photons, alpha, beta and gamma rays, positrons, neutrino
- .722 **Cosmic Rays**
- .73 **Particle Accelerators**
Includes cyclotron, betatron
- .74 **Nuclear Structure and Properties**
Includes isotopes, mass spectrometry, tables of constants
- .75 **Nuclear Reactions**
- .752 **Radioactivity**
Natural Artificial
For Radiation chemistry, see 541.23; Radioactive tracer techniques in analytical chemistry, 545.82

- 539.753 **Transmutations**
- .76 **Nuclear energy**
"Atomic energy"
- .77 **Experimental Techniques and Instrumentation**
Includes particle detectors: ionization chambers, counter tubes (Geiger-Müller), expansion chambers (cloud chambers), electrometers, photographic emulsions; special circuits; amplifiers
For Particle accelerators, see 539.73
- .8 **Atomic Structure**
Includes line spectra, atomic energy levels, ionization potentials

540 CHEMISTRY

For Biochemistry, see 574.19; Legal chemistry or forensic ballistics, 364.12; Chemical engineering, 660.28

541

PHYSICAL CHEMISTRY

Laws and theories of chemical reactions and their accompanying physical changes; structure and properties of matter as affected by chemical constitution; chemical effects of radiation and heat on chemical substances

.2 **Chemical Structure of Matter**

.22 **Molecular and Crystal Structure**

For Atomic and molecular physics, see 539; Crystallography of minerals, 548

.23 **Radiation Chemistry Isotopes Tracer Chemistry**

For Nuclear physics, see 539; Radioactive tracer techniques in Analytical chemistry, 545.82

.3 **Kinetic Theory of Chemical Change**

Chemical and physical processes in relation to atomic and molecular structure

.34 It is recommended that **Theory of Solutions** be classified in 541.37

.35 **Photochemistry**

For Preparation and use of chemical materials used in photography, see 771.5

.36 **Chemical Thermodynamics**

Includes thermochemistry and calorimetry; phase rule and its applications

.37 **Electrochemistry and Theory of Solutions**

Theory of solutions was formerly classified in 541.34
Includes magnetochemistry

For Industrial electrochemistry, see 660.29; Electrochemical methods in analytical chemistry, 545.3

.371 **Theoretical Electrochemistry**

.372 **Theory of Electrolytic Solutions**

198

199

Pure Science

541.373-543.5

541.373

Colligative Properties of Solutions and Theory of Non-electrolytic Solutions

Includes ideal solutions, ebulliometry, cryometry, osmotic pressure, vapor pressure lowering, theories of solubility; ionic equilibria including hydrogen ion and pH

.374

Specific Properties of Solutions

Includes viscosity, surface tension (formerly classified in 541.341); index of refraction, density, optical rotation, polarimetry

.375

Colloid Chemistry and Surface Phenomena

Colloid chemistry was formerly classified in 541.3452
Includes adsorption

.8

Special Subjects in Physical Chemistry

Includes dielectric constants and dipole moments

542

APPARATUS AND EQUIPMENT FOR CHEMICAL LABORATORIES

For Equipment used in specific operations, see applications, e.g. Analytical chemistry applications, 543-545

543-545 ANALYTICAL CHEMISTRY

543

ANALYSIS

Comprehensive works covering both qualitative and quantitative analysis
Includes laboratory apparatus and equipment divided by type of material analyzed, or substance takes precedence over process

.01

Analysis of Pure and Reagent Chemicals

.1

Analysis of Food and Drink

.12

Dairy Products

Where interest in Analysis of dairy products lies chiefly with Dairy industry, class in 637.12, .2, .3

.13

Water

.4

Analysis of Drugs and Medicinals, Cosmetics

.5

Analysis of Insecticides and Poisons

- 543.6 It is recommended that **Analysis of Minerals** be classified in 549.13; of **Metallurgical Products**, 669.016
- .7 **Analysis of Other Inorganic Products**
- .8 **Analysis of Other Organic Products**
For Analysis and identification of organic compounds, see 547.8
- 544 **QUALITATIVE ANALYSIS**
 Includes bead analysis, dry method, blowpiping, capillary analysis, flame coloration, gas analysis, microscopical examinations, spectrochemical analysis, spectroscopic analysis
- 545 **QUANTITATIVE ANALYSIS**
 Includes gravimetric and volumetric analysis, microanalysis
- .3 **Electrochemical Methods**
 Includes polarographic, potentiometric, conductimetric
- .4 **Spectroscopic Analysis**
- .5 **Titrimetric Methods in General**
- .7 **Gas Analysis**
 Eudiometric methods
- .8 **Other Methods of Quantitative Analysis**
 Includes colorimetric, photometric, X-ray, chromatographic, polarimetric, mass spectrometric
- .82 **Radioactive Tracer Techniques**
- 546 **INORGANIC CHEMISTRY**
 Includes elements and their inorganic compounds; preparation, properties, structure
For Detection, determination, identification of elements and their compounds, see 543

546.1-546.9 ELEMENTS

Compounds may be classified in the group to which the first element of which it is composed belongs

- .1 **Hydrogen**
- .12 **Halogen Group**
 Includes fluorine, chlorine, bromine, iodine, astatine
- .17 **Phosphorus Group**
 Includes nitrogen, phosphorus (formerly classified in .18), arsenic (formerly classified in .19), antimony (formerly classified in .86), bismuth (formerly classified in .87)
- .18 It is recommended that **Phosphorus** be classified in .17
- .19 It is recommended that **Arsenic** be classified in .17
- .2 **Sulfur Group**
 Includes oxygen, sulfur, selenium, tellurium, polonium (formerly classified in .892)
- .25 It is recommended that **Carbon** be classified in .28
- .27 It is recommended that **Boron** be classified in .66
- .28 **Silicon Group**
 Includes carbon (formerly classified in .25), silicon, titanium (formerly classified in .82), zirconium (formerly classified in .83), hafnium (formerly classified in .832)
- .29 **Rare Gases**
 Includes helium, neon, argon, krypton, xenon, radon
- .3 **Alkali Group**
 Includes lithium, sodium, potassium, rubidium, caesium, francium

- 546.4 **Alkaline Earths Group**
Includes beryllium, magnesium, calcium, strontium, barium, radium
It is recommended that **Zinc, Cadmium** be classified in .58
For Radioactive elements, see .6
- .5 **Germanium Group**
Includes germanium (formerly classified in .695), tin (formerly classified in .8), lead
It is recommended that **Thallium** be classified in .66
- .55 It is recommended that **Silver** be classified in 546.56
- .56 **Copper Group**
Includes copper, silver (formerly classified in .55), gold (formerly classified in .91)
- .58 **Zinc Group**
Includes zinc (formerly classified in .47), cadmium (formerly classified in .48), mercury
- .6 **Scandium, Yttrium and Rare Earths**
Use for comprehensive material on radioactive elements
Includes scandium, yttrium, lanthanide series or rare earths (lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium, lutecium); actinide series or transradium or transuranic elements [actinium (formerly classified in .84), thorium (formerly classified in .84), protoactinium, uranium (formerly classified in .79), neptunium, plutonium, americium, curium, berkelium, californium]
It is recommended that **Germanium** be classified in .5
- .66 **Aluminum Group**
Includes boron (formerly classified in .27), aluminum, gallium, indium, thallium (formerly classified in .52)
- .7 **Iron Group**
Includes iron, cobalt, nickel
- .71 **Manganese Group**
Includes manganese, technetium, rhenium

- 546.75 **Chromium Group**
Includes chromium, molybdenum, tungsten
It is recommended that **Uranium** be classified in .6
- .8 **Vanadium Group**
Includes vanadium, columbium, tantalum
It is recommended that **Antimony** and **bismuth** be classified in .17; **Polonium** in .2; **Tin** in .5; **Titanium, Zirconium, Hafnium** in .28; **Thorium** and **actinium** in .6
- .9 **Platinum Group**
Includes ruthenium, rhodium, palladium, osmium, iridium, platinum
It is recommended that **Gold** be classified in 546.56
- 547 **ORGANIC CHEMISTRY**
Includes preparation and properties of carbon compounds
- .01 **Methods and Techniques**
- .012 **Analysis and Identification of Carbon Compounds**
For Analysis of materials and products, see 543-545
- .013 **Preparations and Reactions**
Includes named reactions, reactions with specific reagents, general types of reactions (oxidation, reduction including hydrogenation), condensation, polymerization
- .1 It is recommended that **Cyanogen** be classified in 547.8
- .2 **Hydrocarbons and Oxygen Derivatives**
May be arranged alphabetically, e.g. acids (formerly .7); alcohols (formerly .3); aldehydes (formerly .5); ethers (formerly .4); hydrocarbons, e.g. acetylenes, aromatic (anthracene, benzene, naphthalene), cycloparaffins, diolefins, olefins (ethylene), paraffins (methane); ketones (formerly .6)
- .3 It is recommended that **Alcohols** be classified in 547.2
- .4 It is recommended that **Ethers** be classified in 547.2
- .5 It is recommended that **Aldehydes** be classified in 547.2
- .6 It is recommended that **Ketones** be classified in 547.2
- .7 It is recommended that **Acids** be classified in 547.2

547.8 **Organic Compounds of Individual Elements and Groups of Elements**

May be arranged alphabetically, e.g. bromine, chlorine, cyanogen (formerly .1), fluorine, iodine, magnesium, mercury, nitrogen (amides, amines, azo compounds), silicon (silicones), sulfur

Compounds of metals, e.g. mercury, sulfur, were formerly classified in .9

.9 It is recommended that **Organic Compounds of Metals** be classified in .8

.92 **Special Fields of Organic Chemistry**

Carbohydrates (sugars, e.g. mono-, di-, and trisaccharides and their derivatives; Polysaccharides, e.g. starch, glycogen, pentosans, dextrans, cellulose, pectin, plant gums, mucilages and their derivatives, glucosides); Dyes and related products; Fats, fatty acids, glycerol; High polymers; Medicinal products (alkaloids, antibiotics, hormones, auxins, vitamins; sterols and related compounds); Petroleum; Proteins and related compounds (amino acids, nucleic acids); Rubber; Synthetic resins; Miscellaneous plant and animal products (pigments, resins, terpenes, essential oils)

548 **CRYSTALLOGRAPHY**

Study of nature of crystals (mineral or non-mineral; their origin, internal structure, external forms)

For Study of form and properties of minerals, see 549; of metals, 669.016

.1 **Symmetry and Crystal Systems**

External form of crystals

.3 **Chemical Crystallography**

Includes isomorphism and polymorphism

It is recommended that **Cleavage** be classified in 548.84

.5 **Crystallization**

Process by which crystals and crystalline bodies are formed

For Crystal structure, see 548.8

548.7 **Mathematical Crystallography**

Includes measurement of interfacial crystal angles

.8 **Physical Properties of Crystals**

Includes structure of crystals: orderly arrangement of atoms in three dimensional pattern (lattice) within crystal

.83 **X-ray Crystallography**

Study of crystal structure by X-ray diffraction

.84 **Mechanical Properties of Crystals**

Includes elasticity, tenacity, cohesion, fracture, hardness, density, cleavage (formerly classified in 548.3)

.85 **Electrical, Thermal and Magnetic Properties of Crystals**

Includes conductivity, thermoelectrical and pyroelectrical properties

.9 **Optical Crystallography**

Optical properties of crystals

549 **MINERALOGY**

Science which describes, classifies, correlates different mineral species

For Use of Minerals, see *Economic geology*, 553

.1 **Physical, Chemical and Determinative Mineralogy**

.12 **Physical Mineralogy**

Study of physical properties of minerals, e.g. cohesive (cleavage, elasticity, hardness), electrical, magnetic, thermal, optical properties

.13 **Chemical Mineralogy**

Study of chemical nature of minerals and methods of testing for elements commonly found in minerals

.14 **Determinative Mineralogy**

Methods used for distinguishing metals

Includes determinative tables which rely upon chemical and physical tests

549.2-549.8 DESCRIPTIVE MINERALOGY

Description and classification of minerals based on chemical composition and isomorphous relations. Includes crystal system, crystallography, physical character, chemical composition, occurrence, localities of each mineral

For Families, groups, species of minerals, see a mineral classification, e.g. Dana's System of Mineralogy

- .2 Elements**
Includes metals, semi-metals, non-metals, e.g. gold, platinum, antimony, sulfur
- .3 Sulfides**
Combinations of various metals with sulfur, more rarely with selenium, tellurium, arsenic, antimony, e.g. galena, cinnabar, marcasite
Includes sulfo salts: minerals composed of lead, copper or silver in combination with sulfur and antimony, arsenic or bismuth, e.g. enargite
- .4 Halides**
Compounds of metals with halogen elements
Includes natural chlorides, fluorides, bromides, iodides, e.g. halite, fluorite
- .5 Oxides**
Metals in combination with oxygen
Includes anhydrous oxides, e.g. hematite, magnetite, chromite, cassiterite; hydrous oxides, e.g. diaspore, bauxite
- .6 Silicates**
Combination of various elements (sodium, potassium, calcium, magnesium, aluminum, iron) with silicon and oxygen, e.g. quartz, opal, leucite, talc, amphiboles, tourmaline, beryl, garnet, topaz

- 549.7 Minerals Containing Other Oxygen Compounds**
Includes carbonates, nitrates, borates, phosphates, arsenates, vanadates, sulfates, chromates, tungstates, molybdates, uranates
- .8 Organic**
Includes amber, asphaltum, lignite, coal
- .9 Geographic Distribution of Minerals**

550 EARTH SCIENCES

Comprehensive geology or science of the earth
Includes study of all earth materials, forces, processes

For Astronomy, see 520

- 551 **PHYSICAL AND DYNAMIC GEOLOGY**
Causes and processes of geological change
Includes geophysics, geochemistry
- .1 **Descriptive Geology**
Structure of earth as a whole
- .15 **Conditions within the earth**
Includes isostasy
- .16 **Terrestrial Magnetism**
Formerly classified in 538.7
For Atmospheric electricity, see 551.56
- .2 **Diastrophism**
Movements of earth's crust
- .21 **Volcanism**
Includes volcanic structures, materials (magma, lava), eruptions; craters; cones
- .22 **Seismology**
Science of earthquakes
Includes seismographic observations, instruments
- .3 **Gradation**
Natural transference of solid material from one part of earth's surface to another
Includes degradation or tearing down and removal of land materials, e.g. erosion; aggradation or construction of new land surfaces, e.g. deposition, sedimentation
- .31 **Gradation Work of Ice**
Includes glaciers, glaciation
- .35 **Gradation Work of Water**
Includes work of underground and running water

- 551.37 **Gradation Work of Atmosphere**
Includes weathering, wind work
- .4 **Physiography**
Study of earth's surface features
Includes geomorphology, study of origin and development of topographic features
For Geography, see 910
- .41 **Continents**
Includes continental shelves
- .42 **Islands**
Includes coral reefs (formerly classified in 551.96)
- .43 **Mountains and Orology**
Science of mountains
Includes mountain ranges, plateaus, valleys
- .44 **Caves and Speleology**
Study, exploration, description of caves
Includes grottoes
- .45 **Plains**
Includes prairies and deserts (formerly classified in 551.58)
- .46 **Oceans and Oceanography**
Study of ocean and its phenomena
Includes submarine topography
For Marine plants, see 581.92; Marine animals, 591.9
- .48 **Inland Waters**
Includes lakes, rivers, waterfalls
- .49 **Underground Waters and Hydrology**
Phenomena, properties, laws, distribution of earth's water
Includes springs, wells
- .5 **Meteorology**
Science of earth's atmosphere and its physical processes
Includes atmospheric composition, structure
For Medical climatology and meteorology, see 616.98

- 551.51 **Circulation of Atmosphere**
Includes air currents; wind systems, e.g. trade winds, prevailing westerlies, monsoons
- .52 **Atmospheric Temperature**
Heating and cooling of atmosphere
Includes seasonal temperature changes, measurement of temperature
For Solar radiation, see 523.72
- .54 **Atmospheric Pressure**
Includes barometry, determination of atmospheric pressure
- .55 **Storms**
Includes cyclones, tornadoes, thunderstorms, hurricanes, typhoons
- .56 **Atmospheric Electricity**
Formerly classified in 537.4
For Terrestrial magnetism, see 551.16
- .57 **Atmospheric Moisture**
Moisture content or humidity
- .572 **Condensation and Evaporation**
Includes clouds, fog; drought
- .573 **Precipitation**
Includes rain, snow, hail, sleet, dew, frost
- .58 It is recommended that **Prairies and Deserts** be classified in 551.45
- .59 **Climatology**
- .591 **Weather**
Includes observation, collection of data, instruments, forecasting
- .6 It is recommended that **Metamorphism** be classified in 552.4

- 551.7 **Historical Geology**
Chronological account of events in earth's history
Includes stratigraphy, relations and succession of rock strata
- .71 **Precambrian Eras**
Includes Archeozoic, Proterozoic eras
- .72 **Paleozoic Era**
- .76 **Mesozoic Era**
- .78 **Cenozoic Era**
- .8 **Structural Geology**
Form and position of rocks
Includes joints, tilts, faults, folds
- .9 It is recommended that **Agents of Geologic Work** be classified with **Geologic Processes**, e.g. **Gradation Work of Water**, 551.35
- .96 It is recommended that **Coral Reefs** be classified in 551.42
- 552 **PETROLOGY**
Origin, occurrence, classification of rocks
- .1 **Igneous Rocks**
Rocks formed by cooling and consolidation of molten matter
- .4 **Metamorphic Rocks**
Rocks that have been changed either in form or composition without disintegration
Includes metamorphism (formerly classified in 551.6)
- .5 **Sedimentary Rocks**
Rocks composed of fragments of other rocks deposited either above or below sea level
- 553 **ECONOMIC AND APPLIED GEOLOGY**
Occurrence, origin, distribution of geologic materials that are valuable to man
Includes prospecting
For Geology applied to specific fields, see fields, e.g. Mining engineering, 622

- 553.1 **Ore Deposits**
 Formation, structure, classification of ores
 Includes placer deposits, mineral veins, pegmatites
- .2 **Mineral Fuel Deposits**
 Includes deposits of peat, lignite, coal
- .28 **Petroleum Geology**
 Includes natural gas deposits
- .3 **Ferrous Ore Deposits**
- .4 **Nonferrous Ore Deposits**
 Includes deposits of copper, gold and silver, zinc and lead, nickel, platinum, chromium, tin and tungsten, mercury, antimony, aluminum and bauxite, manganese, molybdenum, arsenic, bismuth, cobalt, cadmium, selenium and tellurium, radium and uranium, vanadium, titanium, tantalum and columbium, zirconium, beryllium
- .5 **Building Stone Deposits**
 Includes deposits of limestone, marble, sandstone, granite, slate
- .6 **Earthy Material Deposits**
 Includes deposits of clay, sand, gravel, salt, gypsum, diatomaceous earth
- .7 **Mineral Water Deposits**
- .8 **Gem Deposits**
 Deposits of minerals used for ornaments
 Includes precious stones, e.g. diamonds, emeralds, rubies, sapphires; semi-precious stones, e.g. garnet, amethyst, topaz, turquoise
- .9 **Other Economic Mineral Deposits**

554-559 REGIONAL GEOLOGY

May be divided like 940-999

- 554 **GEOLOGY OF EUROPE**
- 555 **GEOLOGY OF ASIA**
- 556 **GEOLOGY OF AFRICA**
- 557 **GEOLOGY OF NORTH AMERICA**
- 558 **GEOLOGY OF SOUTH AMERICA**
- 559 **GEOLOGY OF OCEANIA AND POLAR REGIONS**

560 PALEONTOLOGY

- 560.17 **Stratigraphic Paleontology**
Study of fossil plants and animals correlated with rock formation
- .172 **Paleozoic Paleontology**
- .176 **Mesozoic Paleontology**
- .178 **Cenozoic Paleontology**
- 561 **PALEOBOTANY**
Study of plant life of geologic past
For Fossil plants discussed from viewpoint of geologic eras, see 560.17
- .121 **Fossil Spermatophytes**
Includes fossil herbaceous plants, flowering plants, trees, shrubs
For Single species of fossil spermatophytes, see 561.3-.9; Extant plants, 582-589
- .3 **Fossil Angiosperms**
Includes dicotyledons
- .4 **Fossil Monocotyledons**
- .5 **Fossil Gymnosperms**
Includes fossil coniferales (Araucariaceae, Walchia, Voltzia); Cordaitales, Ginkgoales, Cycadophytes (including Pteridosperms, e.g. Alethopteris, Neuropteris, Sphenopteris, Glossopteris, Pecopteris, Caytoniales)
- .7 **Fossil Pteridophytes**
Includes Equisetales (Archaeocalamites, Calamites, Schizoneura, Equisetaceae, Sphenophyllales); Filicales (Eufilicinae, Glossingia, Marattiales, Hydropteridae); Psilophytales (Psilophyton, Rhynia, Hornea); Lycopodiales (Lepidodendron, Sigillaria)
- .9 **Fossil Thallophytes**
Includes Phycophyta or algae (Pachythea, Parka, Characeae); Rhodophyta or red algae

562-569 PALEOZOOLOGY

- 562 **INVERTEBRATE PALEOZOOLOGY**
- 563 **PROTOZOA, PORIFERA, CNIDARIA, ECHINODERMATA**
Includes micropaleontology
- .1 **Protozoa**
Includes Radiolaria, Foraminifera
- .4 **Porifera (Sponges)**
Includes Silicispongiae and Calcispongiae
- .5 **Cnidaria**
Coelenterata in modern sense
Includes Hydrozoa, Anthozoa or corals, Graptolites
- .9 **Echinodermata**
Includes Pelmatozoa, Eleutherozoa
- 564 **MOLLUSCA AND MOLLUSCOIDEA**
- .1 **Pelecypoda**
Lamellibranchia (bivalves)
- .3 **Gastropoda (Snails, Slugs)**
- .5 **Cephalopoda (Squid, Octopus, Nautilus)**
Includes Ammonites, Belemnites
- .7 **Bryozoa**
- .8 **Brachiopoda**
- 565 **ARTHROPODA**
- .3 **Crustacea**
Includes Branchiopoda, Ostracoda, Cirripedia, Phyllocarida, Isopoda, Decapoda, Eurypterida, Xiphosura, Trilobites
- .4 **Arachnida**
Includes Scorpiones, Araneida
- .6 **Myriapoda**
- .7 **Insecta**

- 566 VERTEBRATE PALEOZOOLOGY
- 567 FISHES
- .2 Agnatha (Lampreys)
- .3 Chondrichthyes (Sharks and Skate)
Includes Acanthodii, Pleuracanthodii, Cladoseiachii, Elasmobranchii, Holocephali
- .4 Placodermi (Armor-Plated Fish)
Includes Osteichthyes or bony fishes (Crossopterygii, Chondrostei, Dipnoi)
- .6 Tetrapoda
Includes Amphibia (Labyrinthodontia, Lepospondyli)
- .8 Anura (Frogs)
- .9 Urodela
- 568 SAUROPSIDA (REPTILES AND BIRDS)
- .1 Reptilia
Includes Anapsida (Chelonia, Cotylosauria); Synapsida (Pelycosauria, Therapsida); Archosauria (Thecodontia, Crocodilia, Pterosauria, Saurischia, Ornithischia)
- .2 Aves
Includes Archaeornis, Neornithes

570 BIOLOGICAL SCIENCES

Sciences treating of phenomena of life

For Form divisions .1-.9, see p. lv

- 571 ARCHEOLOGY
- Study of prehistoric man from collection and investigation of antiquities
Includes relics of material, cultural, social life
For Ancient history, see 930; Antiquities of specific countries, see countries, e.g. Antiquities of France, 944
- .1 Paleolithic or Old Stone Age
Hunting and fishing economy
Includes chipped stone artifacts
- .2 Neolithic or New Stone Age
Pastoral and agricultural economy
Includes polished stone artifacts
- .3 Copper and Bronze Age
- .4 Iron Age
- .7 Prehistoric Art
Includes prehistoric art objects, cave drawings, rock paintings, petroglyphs or rock carvings
For Primitive art, see 709.01
- .8 Prehistoric Shelter
Includes cave dwellings, pit dwellings, lake dwellings, tree dwellings, cliff dwellings, tent dwellings
- .9 Prehistoric Structures
Includes mounds, kitchen middens, megaliths, monoliths, dolmens, cromlechs
- 572 ANTHROPOLOGY
- Science of man
For Ethnopsychology, see 136.4

- 572.7 **Cultural or Social Anthropology**
 Study of primitive society
 Includes ethnography and ethnology, scientific description and analysis of socio-economic systems and cultural heritages of peoples of low technological levels
For Sociology, see 301
- .8 **Linguistic Anthropology**
 Division of peoples by language
 May be divided like 420-499
- .9 **Anthropogeography**
 Geographic distribution of races
 May be divided like 940-999
For Human geography, see 911
- 573 **PHYSICAL ANTHROPOLOGY**
 Structural characteristics of man
- .3 **Anthropogeny**
 Origin and evolution of man
- .6 **Anthropometry**
 Study of measurements of human body, e.g. stature, cranial capacity, head form, frontal index, pigmentation, hair texture, blood groups
For Anthropometry used in crime investigation, see 364.12
- .9 It is recommended that **Monstrosities** be classified in 611.012
- 574 **BIOLOGY**
 Science of life and living things
 Includes natural history
For Botany, see 580; Zoology, 590
- .1 **Physiology**
 Vital life processes: nutrition, respiration, metabolism, excretion, circulation, reproduction, nervous and chemical coordination
For Plant physiology, see 581.1; Animal physiology, 591.1; Human physiology, 612

- 574.19 **Biochemistry**
 Chemistry of vital processes
 Includes chemical constituents of bodies of organisms; chemistry of metabolism including food constituents, enzymes, hormones
For Plant biochemistry, see 581.19; Animal biochemistry, 591.19; Human biochemistry, 612.015; Applied nutrition, 641.1
- .191 **Biophysics**
 Physical phenomena of life
 Includes action of physical agents on organisms, e.g. radiations
For Plant biophysics, see 581.191; Animal biophysics, 591.191; Human biophysics, 612.017
- .3 **Embryology**
 Formation and development of organisms
For Plant embryology, see 581.3; Animal embryology, 591.33; Human embryology, 611.013
- .4 **Morphology**
 Gross structure of living organisms
For Microscopic structure, see Histology and cytology, 574.8; Plant morphology, 581.4; Animal morphology, 591.4; Anatomy, 611
- .5 **Ecology**
 Relations of organisms to their environments (formerly classified in 575.3)
 Includes adaptation or adjustment to environment (formerly classified in 575.4), symbiosis, parasitism
For Plant ecology, see 581.5; Animal ecology, 591.5; Human ecology, 301.3; Medical parasitology, 616.96; Veterinary parasitology, 636.0896
- .6 **Economic Biology**
For Economic botany, see 581.6; Economic zoology, 591.6

- 574.8 **Histology and Cytology**
 Microscopic structure of organisms
 Includes tissues and cells (formerly classified in 576.3)
For Plant histology and cytology, see 581.8; Animal histology and cytology, 591.8; Human histology and cytology, 611.018
- .9 **Biogeography**
 Geographic distribution of living organisms
For Phytogeography, see 581.9; Zoogeography, 591.9; Anthropogeography, 572.9
- 575 **EVOLUTION**
 Development of organisms from earlier and simpler forms
For Paleontology, see 560.9; Anthropogeny, 573.3
- .01 **Theories of Evolution**
 Includes Darwinian theory, orthogenesis, Mutation theory, Lamarckian theory
- .1 **Genetics**
 Study of heredity and variation (formerly classified in 575.2)
 It is recommended that **Eugenics** be classified in 301.323
For Plant genetics, see 581.15; Animal genetics, 591.15; Human genetics, 613.9
- .11 **Laws of Heredity**
 Includes Mendelian law, chromosome theory
- .12 **Hereditary Characteristics**
 Inheritance of similar and divergent characters
 Includes genotypes, hereditary units (gens)
- .2 It is recommended that **Variation** be classified in 575.1
- .3 It is recommended that **Ecology** be classified in 574.5
- .4 It is recommended that **Adaptation** be classified in 574.5

- 576 **MICROBIOLOGY**
 Study of microscopic organisms and viruses
 Includes origin of life, abiogenesis (spontaneous generation)
For Bacteriology, see 589.9; Mycology, 589.2; Protozoology, 593.1; Special applications, the subject, e.g. Microbiology of soils, 631.46
- .2 **Protoplasm**
 Living substance
- .3 **It Is Recommended That Cytology Be Classified in 574.8**
- .6 **Viruses**
For Virus diseases, see 616.9
- 577 It is recommended that **CHEMICAL PROPERTIES OF LIVING MATTER** be classified in 574.19; **PHYSICAL PROPERTIES** in 574.191
- 578 **BIOLOGICAL TECHNIQUES**
 Includes keeping and raising of organisms; methods of studying morphology (microscopic technique, e.g. preparation of slides, biological microphotography), physiology (kymography, tracer technique), development, genetics of organisms
- 579 **BIOLOGICAL AND NATURAL HISTORY COLLECTIONS**
 Includes collecting, transporting, preservation, mounting (taxidermy) of biological specimens; special techniques (preparation of skeletons, injections, models); arrangement of museum collections

580 BOTANY

For Form divisions .1-9, see p. lv; Paleobotany, 561

- 581 **PLANT PHYSIOLOGY AND MORPHOLOGY**
- .1 **Plant Physiology**
Normal functions of plants under ordinary as well as controlled environmental conditions
 - .11 **Circulation**
Movement and absorption of liquid by plants
 - .12 **Respiration**
Release of energy gained from food
 - .13 **Metabolism**
Includes nutrition, food making processes (photosynthesis, protein synthesis), assimilation, storage, use (for growth, reserves)
 - .14 **Secretion**
For Enzymes, hormones, vitamins, see 581.19
 - .15 **Plant Genetics**
Includes heredity and variation
For Abnormalities, see 581.2
 - .16 **Plant Propagation**
 - .17 **Histogenesis**
Microscopic study of germ cells and related structures
 - .18 **Nervous Function**
Includes tropisms, nastic, formative and tactic responses
 - .19 **Plant Biochemistry**
Includes chemical composition and analysis of plant constituents; plant enzymes, hormones, vitamins
For Vitamin therapy, see 616.46; Hormone therapy, 616.4; Biochemistry, 574.19
 - .191 **Plant Biophysics**

222

223

Pure Science

581.2-581.87

- 581.2 **Plant Pathology**
Plant disease and control
Includes phytopathology (disease in form or function), teratology (abnormalities), virus diseases
- .23 **Parasitic Diseases**
Includes diseases due to bacteria, fungi, insects
For Diseases of specific crops, see 633-635; Bacteria, 589.9; Fungi, 589.2; Insects, 595.7
- .3 **Plant Embryology**
Includes germination
- .4 **Plant Morphology**
Form and structure of plants
Includes structure of flower, fruit, seed, stem, root, leaf
- .5 **Plant Ecology**
Plant in relation to its surroundings
Includes plant symbiosis and parasitology
- .52 **Relation to Habitat**
Includes soil, light, water and individual plant; mutual relationship of plants (succession, zonation); influence of physical factors of environment on plant distribution and species (Hydrophytes, Mesophytes, Xerophytes)
For Plants in above groups, see 582-589
- .6 **Economic Botany**
For Agriculture and plant culture, see 630
- .8 **Plant Histology and Cytology**
Plant tissues and cells
- .87 **Cytology**
Cell structure, function, reproduction

- 581.9 **Phytogeography**
Includes only general material on geographic distribution of plants
For Specific plants of certain locality, see plants, e.g. Cryptogams of North America, 586; Cactus of Southwestern United States, 583.47; General plant life of specific locality, e.g. Wild flowers of Northeastern United States, 581.93
- .92 **Geographic Distribution of Aquatic Flora**
For Aquatic plants as influenced by physical environment, see 581.52
- .93 **Plants of Specific Countries or Localities**
May be divided like 940-999
For Specific plants of a locality, see plant, e.g. Cryptogams of North America, 586; Willows of United States, 583.98

582-589

SYSTEMATIC OR TAXONOMIC BOTANY

*Description and classification of plants**Orders and most important families are given*

For Fuller classification, see standard plant classification, e.g. Asa Gray

- 582 **SYSTEMATIC OR TAXONOMIC BOTANY**
- .1 **Spermatophytes**
Seed-bearing plants
Includes Gymnosperms, Angiosperms
For Plants of an order, family, genera or species, see 583-589, e.g. Maple tree, 583.28; of a specific locality, 581.93; Culture, 630; Use in landscape design, 710-719
- .12 **Herbaceous Plants**
Seed plants which do not have woody stems
Includes herbals
For Specific plants, see 583-589; Culture, 630; Use in landscape design, 710-719; Grasses, 584.8

- 582.13 **Flowering Plants**
Includes wild flowers
For Single species of flowering plants or plant families, see 583-589; General material on plants of specific countries or localities, 581.93, e.g. Wild flowers of United States, 581.93
- .16 **Trees**
Includes comprehensive treatment of trees, shrubs, flowering plants
For Culture, see 634.9; Order, family, genera, species of tree, 583-588; Use in landscape design, 710-719; Specific locality, 581.93
- .17 **Shrubs**
For Culture, see 630; Order, family, genera, species of shrub, 583-588; Use in landscape design, 710-719; Specific locality, 581.93

583-584 ANGIOSPERMS

583 **DICOTYLEDONS**

- .11 **Ranunculales**
Includes Nymphaeaceae or water lily family; Myristicaceae or nutmeg family; Anonaceae or papaw family; Berberidaceae or barberry family; Ranunculaceae or buttercup family (buttercup, columbine, larkspur, marsh, marigold, anemone, monk's-hood, peony, clematis); Magnoliaceae or magnolia family (magnolia, tulip tree); Lauraceae or laurel family (sassafras, cinnamon, camphor)
Lauraceae was formerly classified in 583.931
- .12 **Papaverales**
Includes Papaveraceae or poppy family; Cruciferae or mustard family (cabbage, broccoli, Brussels sprouts, turnip, radish, watercress), Capparidaceae or caper family (formerly classified in 583.131)

- 583.13 **Violales**
Includes Violaceae or violet family; Cistaceae or rock-rose family; Passifloraceae or passion-flower family and Loasaceae or star flower family (formerly classified in 583.45)
It is recommended that **Caper** family be classified in 583.12
- .14 **Polygalaceae**
- .15 **Caryophyllales**
Includes Caryophyllaceae or pink family; Portulacaceae or purslane family
- .16 **Guttiferales**
Includes Theaceae or tea family
- .17 **Malvales**
Includes Malvaceae or mallow family (cotton, hollyhock)
- .21 **Geraniales**
Includes Linaceae or flax family
- .27 **Rhamnales**
Includes Rhamnaceae or buckthorn family; Vitaceae or grape family
- .28 **Sapindales**
Includes Sapindaceae or soapberry family; Aceraceae or maple family
- .3 **Rosales**
Includes Leguminosae or pea family (peas, beans, peanuts, clover, alfalfa, locust tree, redbuds, lupines, locoweeds, mesquite, palo verde); Rosaceae or rose family (apples, pears, hawthorn, strawberry, raspberry, blackberry, peach, plum, cherry, bridal wreath), Saxifragaceae
- .4 **Myrtales**
Includes Myrtaceae or myrtle family (eucalyptus, evening primrose)
It is recommended that **Loasaceae** and **Passifloraceae** be classified in 583.13; **Cucurbitaceae** in 583.57

- 583.47 **Opuntiales**
Includes Cactaceae or cactus family
- .48 **Umbellales**
Includes Umbelliferae or parsley and carrot family
- .51 **Rubiales**
Includes Caprifoliaceae or honeysuckle family
- .55 **Compositae**
Includes Cichoriaceae or lettuce family; Carduaceae or thistle family; Asteraceae or aster family, Ambrosiaceae or ragweed family; Helianthaceae or sunflower family
- .57 **Campanales**
Includes Cucurbitaceae or gourd family (formerly classified in 583.46)
For Compositae generally considered in Campanales, see 583.55
- .6 **Ericales**
Includes Ericaceae or heath family (heather, blueberry, cranberry, laurel, arbutus, wintergreen, rhododendron, azalea)
- .67 **Primulales**
Includes Primulaceae or primrose family
- .68 **Ebenales**
- .7 **Gentianales**
Includes Oleaceae or olive family (olive, jasmine, ash); Gentianaceae or gentian family; Apocynaceae or dogbane family (oleander, periwinkle); Asclepiadaceae or milkweed family
- .76 **Polemoniales**
Includes Polemoniaceae or phlox family
- .8 **Scrophulariales**
Includes Scrophulariaceae or snap-dragon family (foxglove, Indian paintbrush), Verbenaceae or vervain family, Labiatae or mint family (rosemary, sage, lavender, thyme, peppermint, spearmint)

- 583.899 **Plantaginales**
Includes Plantaginaceae or plantain family
- .91 **Chenopodiales**
Includes Amarantaceae, Chenopodiaceae or goosefoot family
- .917 **Polygonales**
Includes Polygonaceae or buckwheat family
- .925 **Piperales**
Includes Piperaceae or pepper family; Saururaceae or lizard's-tail family
- .93 **Proteales**
Includes Proteacea
It is recommended that Lauraceae be classified in 583.11
- .94 **Santalales**
Includes Santalaceae or sandalwood family; Loranthaceae or mistletoe family
- .96 **Urticales**
Includes Urticaceae or nettle family; Moraceae or mulberry family; Ulmaceae or elm family
- .973 **Juglandales**
Includes Juglandaceae or walnut family
- .974 **Myricales**
Includes Myricaceae or bayberry family
- .976 **Fagales**
- .98 **Salicales**
Includes Salicaceae or willow family
- 584 **MONOCOTYLEDONS**
- .11 It is recommended that **Hydrocharitaceae** be classified in 584.7
- .15 **Orchidales**
Includes Orchidaceae or orchid family (lady's-slipper, vanilla)

- 584.21 **Scitaminales**
Includes Marantaceae or arrowroot family; Musaceae or banana family; Cannaceae or canna family
- .22 It is recommended that **Bromeliaceae** be classified in 584.3
- .23 **Liliales**
Includes Liliaceae or lily family (lily, trillium, onion, dog's-tooth violet, asparagus, garlic, leek, yucca), formerly classified in 584.32; Haemodoraceae or bloodwort family; Juncaceae or rush family (formerly classified in 584.45)
- .3 **Xyridales**
Includes Xyridaceae or yellow-eyed grass family; Commelinaceae or spiderwort family; Mayacaceae or mayaca family; Bromeliaceae or pineapple family (formerly classified in 584.22)
- .32 It is recommended that **Liliaceae** be classified in 584.23
- .45 It is recommended that **Juncaceae** be classified in 584.23
- .5 **Palmales**
Includes Palmaceae or palm family
- .61 **Pandanales**
Includes Sparganiaceae or bur-reed family; Typhaceae or cattail family
- .62 **Cyclanthales**
- .64 **Arales**
- .7 **Najadales**
Includes Hydrocharitaceae (frog's-bit), formerly classified in 584.11; Alismaceae (water plantain); Najadaceae (najas)
- .8 **Graminales**
Includes Cyperaceae (sedge); Gramineae (grass, e.g. wheat, rice, rye, oats, barley, corn, sorghum, sugar cane, bamboo), formerly classified in .9
- .9 It is recommended that **Gramineae** be classified in .8

- 585 **GYMNOSPERMS**
- .1 **Gnetales**
Includes Gnetales
 - .2 **Coniferales**
Includes Taxodiaceae (redwood); Pinaceae (pine: hemlock, spruce, larch, tamarack, fir); Taxaceae (yew)
 - .7 **Ginkgoales**
Includes Ginkgoaceae (maidenhair tree: ginkgo)
 - .9 **Cycadales**
Includes Cycadaceae (cycad)
- 586 **CRYPTOGAMS**
Seedless plants
Includes Thallophytes (lichens), Bryophytes (mosses), Pteridophytes (ferns)
For Order, family, species of Thallophytes, see 589; Bryophytes, 588; Pteridophytes, 587
- 587 **PTERIDOPHYTES**
Ferns and their allies
- .1 **Isoetales**
 - .2 **Equisetales**
Includes Equisetaceae (horsetail)
 - .3 **Filicales**
Includes water ferns (Salviniaceae, Marsiliaceae); land ferns (Osmundaceae), Schizaeaceae, Polypodiaceae, Cytheaceae, Hymenophyllaceae
 - .9 **Lycopodiales**
Club mosses
Includes Selaginellaceae, Lycopodiaceae (ground pines)
- 588 **BRYOPHYTES**
Musci (mosses) Hepaticae (liverworts)

588.1-588.2 MUSCI

- .1 **Sphagnales**
Peat and bog mosses
 - .2 **Bryales**
True mosses
 - .22 **Andreales**
Black, small mosses
 - .3 **Hepaticae or Liverworts**
Includes Jungermanniales (scale mosses); Anthocerotales (hornworts); Marchantiales (great liverworts)
- 589 **THALLOPHYTES**
Lichens, fungi, algae, bacteria
For Orders, family, species of lichens, see 589.1; Fungi, 589.2; Algae, 589.3; Bacteria, 589.9; Effect on crops and control, 632 or specific crop
- .1 **Lichenes**
Lichens: plants formed by intimate association between algae and fungi
Includes Basidiolichenes, Ascolichenes
 - .2 **Eumycetes or Mycophyta**
True fungi, e.g. Phycomycetes, Ascomycetes, Basidiomycetes
Includes mycology
 - .22 **Basidiomycetes**
Club fungi
Includes Ustilaginales (smuts); Uredinales (rusts); Tremelales, Hymenomycetes and Gasteromycetes (fungi)
 - .23 **Ascomycetes**
Sac fungi
Includes Saccharomycetales (yeast fungi); Erysiphales (powdery mildews); Hysteriales (slit fungi); Phacidiales (little cup fungi); Pezizales (cup fungi); Tuberales (truffles or tubers); Helvellales; Exoascales (peach leaf curl, plum pocket, witches'-broom); Hypocreales; Sphaeriales, Dothideales (ergot, black rot, black knot); Laboulbeniales (beetle fungi); Aspergilliales (little tubers; aspergillus, penicillium)

- 589.24 **Fungi Imperfecti**
- .25 **Phycomycetes**
Algae-like fungi
Includes Peronosporales (downy mildews)
- .26 **Saprolegniales (Water Molds)**
Includes Ancylistales, Monoblephariadaceae
- .28 **Mucorales (Black Mold)**
Includes Entomophorales (fly fungi), Chytridales
- .29 **Myxomycetes**
Slime molds
Includes Endosporales and Exosporales
- .3 **Phycophyta**
Algae
- .41 **Rhodophyta**
Red algae
- .45 **Phaeophyta**
Brown algae
Includes seaweeds (*Fucus*) and kelps
- .47 **Chlorophyta**
Green algae
Includes Zygnematales (pond scum) and Desmidiiales (desmids), formerly classified in 589.61
- .48 **Chrysophyta**
Golden algae
Includes Heterokontae (yellow-green algae)
- .61 It is recommended that **Zygnematales** and **Desmidiiales** be classified in 589.47
- .62 **Bacillariales**
Diatoms
Includes Centrales and Pinales
- .7 **Schizophyta**
Fission plants

- 589.8 **Myxophyceae or Cyanophyceae**
Blue-green algae
- .9 **Schizomycetes**
Bacteria Bacteriology
Includes Eubacteriales (true bacteria); Actinomycetales, Chlamydo-bacteriales, Theobacteriales, Myxobacteriales, Spirochaetales, Caulobacteriales, Rickettsiales
For Bacteriology of specific subjects, see subject, e.g. Soil bacteriology, 631.4; Yeasts, 589.23; Microbiology, 576; Medical bacteriology, 616.01
- .97 **Phytoflagellatae**
Euglenales
Includes Euglenaceae, Astaceaceae, Peranemaceae
It is recommended that **Flagellated protozoans** be classified in 593.16

590 ZOOLOGY

Comprehensive works including systematic and non-systematic zoology

For Form divisions .1-9, see p. lv; Paleozoology, 562-569; Conservation of wild life, 333.78

591

GENERAL ZOOLOGY

Non-systematic zoology

Includes morphology and physiology of animal organisms

.1

Animal Physiology

Functions of animal body and its parts

.11

Circulation

.12

Respiration

.13

Metabolism

Includes nutrition

For Applied nutrition in animal husbandry, see 636.085

.14

Secretion and Excretion

.15

Animal Genetics

Includes heredity and variation

For Stock breeding, see 636.082

.16

Reproduction

Includes sexual and asexual reproduction

.17

Gametogenesis

Formation or maturation of sex cells

It is recommended that **Histogenesis** be classified in 591.8

.179

It is recommended that **Regeneration** be classified in 591.3

.18

Nervous Functions

Includes sensations, tropisms

234

235

Pure Science

591.19-591.49

591.19

Animal Biochemistry

.191

Animal Biophysics

.2

Animal Pathology

For Veterinary medicine, see 636.089

.3

Animal Development

Includes embryonic and postembryonic development; metamorphosis: postembryonic change from one developmental stage to another; regeneration (formerly classified in 591.179) and transplantation

.33

Embryology

Includes cleavage, formation of germ layers, differentiation of organs

.4

Animal Morphology

Gross structure of animals

Includes comparative anatomy, descriptive anatomy (formerly classified in 591.7)

For Microscopic structure of animals, see Animal histology and cytology, 591.8

.41

Circulatory System

.42

Respiratory System

.43

Digestive System

.44

Glands and Excretory System

Includes endocrine glands

.46

Reproductive System

.47

Muscular, Skeletal, Integumentary Systems

.48

Nervous System

Includes sense organs

.49

Topographical Anatomy

- 591.5 **Animal Ecology**
 Animal habits and behavior; their relation to environment and to each other
 Includes food; seasonal habits, e.g. hibernation; relation to other animals (animal symbiosis, parasitism, commensalism, predation); sexual behavior; means of protection (adaptation, protective coloration); sound production and other means of communication used by animals
 It is recommended that **Animal stories** be classified in 800
 For Specific parasites, see taxonomic groups
- .51 **Instinct**
 For Comparative or animal psychology, see 151.3
- .52 **Habitat**
 Includes migration
- .6 **Economic Zoology**
 Useful and injurious animals
 For Animals as injurious factors in crop production, see 632.6-7
- .7 It is recommended that **Descriptive Anatomy** be classified in 591.4
- .8 **Animal Histology and Cytology**
 Microscopic structure of animals
 Includes animal tissues and cells, histogenesis (formerly classified in 591.17)
- .9 **Zoogeography**
 Includes marine, freshwater, terrestrial animals
- .93-.99 **Animals of Specific Countries or Localities**
 May be divided like 930-999, e.g. Animals of South America, 591.98
 For Specific animals of certain localities, see specific animals, e.g. Birds of North America, 598.2

592-599 SYSTEMATIC OR TAXONOMIC ZOOLOGY

Description and classification of animals
 Most important phyla, classes, orders are given

For fuller classification, use standard list, e.g. Zoological names, a list of phyla, classes, and orders prepared for Section F, American Association for the Advancement of Science

- 592 **INVERTEBRATES**
 Animals without backbones
- 593.1 **Protozoa**
 Unicellular animals
 Includes protozoology
- .11 **Sarcodina**
 Protozoa that move by means of pseudopodia
 Includes Rhizopoda (Amoeba)
- .12 **Foraminifera**
- .16 **Mastigophora**
 Flagellated protozoans (Trypanosoma)
 For Phytoflagellatae, see 589.97
- .17 **Ciliata**
 Protozoa that move by means of cilia (Paramecium, Stentor, Balantidium)
- .2 **Mesozoa**
 Simple multicellular animals (Orthonectida, Dicyemida)
 Formerly radiates, obsolete term used to include Coelenterata, Ctenophora, Echinodermata
- .3 It is recommended that **Coelenterata** be classified in 593.5
- .4 **Porifera**
 Sponges
- .5 **Cnidaria**
 Coelenterata in its modern sense (formerly classified in 593.3)

- 593.6 **Anthozoa**
Includes sea-anemones, corals
- .7 **Hydrozoa**
Includes hydras, hydroid polyps, Hydromedusae
- .73 **Scyphozoa**
Acalepha, includes Scyphomedusae
- .8 **Ctenophora**
Sea-walnuts or comb-jellies
- .9 **Echinodermata**
Spiny-skinned animals
Includes Crinoidea (sea-lilies), Asteroidea (common starfishes), Ophiuroidea (brittle-stars, basket-stars), Echinoidea (sea-urchins, sand-dollars), Holothuroidea (sea-cucumbers)
- .99 It is recommended that **Enteropneusta** be classified in 596
- 594 **MOLLUSCA AND MOLLUSCOIDEA**
Mollusks and mollusk-like animals
- .1 **Pelecypoda**
Lamellibranchia or bivalve mollusks (clams, mussels, oysters)
- .19 **Amphineura**
Includes chitons (formerly classified in 594.31)
- .2 **Scaphopoda**
Dentalium or toothshell
- .3 **Gastropoda**
Snails, slugs, whelks
Includes Prosobranchia, Opisthobranchia, Pulmonata
- .31 It is recommended that **Amphineura** be classified in 594.19

- 594.5 **Cephalopoda**
Includes Tetrabranchia (Nautilus), Dibranchia (Decapod and octopod Cephalopoda: squid, devilfish, cuttlefish, octopus)
- .7 **Bryozoa (Polyzoa)**
Moss animals
- .73 It is recommended that **Pterobranchia** be classified in 596
- .8 **Brachiopoda**
Includes lamp-shells
- .9 It is recommended that **Tunicata** be classified in 596
- 595.1 **Vermes**
Worms
- .12 **Platyhelminthes and Nemertea**
Flatworms and ribbon worms
Includes Turbellaria (planarians), Trematoda (flukes), Cestoda (tapeworms), Nemertea (ribbon worms)
- .13 **Nemathelminthes**
Roundworms
Includes Nematoda (Ascaris, hookworms, Trichinella), Nematomorpha (Gordius or horsehair worm), Acanthocephala
- .14 **Annelida**
Segmented worms
Includes Archannelida
- .15 **Hirudinea**
Leeches
- .16 **Oligochaeta**
Includes earthworms
- .17 **Polychaeta and Myzostoma**
Includes Nereis

- 595.18 **Trochelminthes**
Rotifers or wheel animalcules and related animals
Includes Rotatoria, Gastrotricha, Echinodera
- .3 **Crustacea**
- .315 It is recommended that **Pantapoda** be classified in 595.4
- .32 **Phyllopoda or Branchiopoda**
- .33 **Ostracoda**
- .34 **Copepoda**
Includes Cyclops, fish-lice
- .35 **Cirripedia**
Barnacles
- .371 **Amphipoda**
- .372 **Isopoda**
Sow-bugs, wood lice
- .38 **Minor Crustacean Orders**
Includes Leptostraca (Nebalia), Syncarida, Thermosbaenacea, Tanaidacea, Euphausiacea, Cumacea, Stomatopoda (Squilla), Mysidacea (Mysis), Decapoda (Macrura, e.g. lobster, crayfish; Brachyurc, c.g. crab)
- .39 **Gigantostroma**
Includes Xiphosura (horseshoc crab)
- .4 **Arachnida**
Includes Linqatulida, Tardigrada (waterbears), Acari (mites and ticks), Phalangida (daddy-long-legs or harvestmen), Pedipalpi or Palpigradi (whip-scorpions), Scorpiones (scorpions), Pseudoscorpiones (false scorpions), Solifuge (weasel spiders), Pycnogonida or Pantopoda (formerly classified in 595.315)
- .44 **Araneida**
True spiders
- .5 **Onychophora**
Includes Pcripatus

- 595.6 **Myriapoda**
Includes Diplopoda (millipedes), Chilopoda (centipedes), Symphyla, Pauropoda
- .7 **Insecta (Hexapoda)**
Insects
Includes entomology
- .71 **Synaptera**
Includes Collembola (spring-tails), Protura, Entotrophi, Thysanura (bristle-tails)
- .72 **Orthoptera**
Grasshoppers, crickets, katydids, mantises, cockroaches, stick insects
- .73 **Pseudoneuroptera**
Includes Thysanoptera (thrips), Corrodentia (psocids, book-lice), Odonata (dragonflies, damselflies), Ephemera (mayflies), Plecoptera (stoneflies), Isoptera (termites or white ants), Embioptera, Zoraptera
- .74 **Neuroptera**
Lacewing-flies, ant-lions, snake-flies
Includes related phyla: Mecoptera (scorpion-flies), Trichoptera (caddis-flies), Strepsiptera (stylopids or twisted-winged insects), Anoplura and Mallophaga (true lice and bird-lice, formerly classified in 595.751)
- .75 **Hemiptera**
Includes Homoptera (cicadas, leafhoppers, aphids, scale-insects), Heteroptera (true bugs)
- .751 It is recommended that **Anoplura** and **Mallophaga** be classified in 595.74
- .76 **Coleoptera**
Beetles, weevils, fireflies, wood-borers, ladybugs
- .77 **Diptera**
Flies, gnats, midges, mosquitoes
- .775 **Siphonaptera**
Fleas

- 595.78 **Lepidoptera**
Includes Heterocera (moths), Rhopalocera (butterflies)
- .79 **Hymenoptera**
- .796 **Formicidae**
Ants
- .799 **Apidae**
Bees
- 596 **CHORDATES**
Includes Enteropneusta (formerly classified in 593.99), Pterobranchia (formerly classified in 594.73), Tunicata or sea squirts (formerly classified in 594.9), Cephalochorda or lancelets (formerly classified in 597.1), Vertebrata or Craniata, animals with backbones
- 597 **FISHES**
Includes ichthyology
- .1 It is recommended that **Cephalochorda** be classified in 596
- .2 **Cyclostomata**
Hagfishes, lampreys
- .3 **Elasmobranchii**
Sharks, rays, skates
- .4 **Ganoidei**
Includes Chondrostei (paddle fishes, sturgeons), Holostei (garpikes, bowfins), Crossopterygii (lobefinned fishes), Dipnoi (lung fishes)
- .5 **Teleostei**
Bony fishes
Includes Acanthopterygii (spiny-rayed fishes), Isospondyli (soft-rayed fishes)
- .6 **Amphibia**
- .8 **Salientia**
Frogs, toads

- 597.9 **Urodela**
Salamanders, newts, mud-puppies
- 598.1 **Reptilia**
Reptiles
- .11 **Lacertilia**
Lizards
- .12 **Serpentes**
Snakes
- .13 **Chelonia**
Turtles, tortoises
- .14 **Crocodylia**
Crocodiles, alligators
- .2 **Aves**
Birds
Includes ornithology
- .29 **Geographic Distribution of Birds**
- 599 **MAMMALS**
- .1 **Prototheria**
Egg-laying mammals (spiny ant-eaters, duckbills)
- .2 **Metatheria**
Pouched mammals or marsupials (oppossums, kangaroos)
- .3 **Eutheria**
Viviparous mammals
Includes Edentata, e.g. Xenarthra (armadillos, anteaters, sloths), Pholidota (pangolins or spiny anteaters), Tubulidentata (aardvarks)
- .32 **Rodentia and Lagomorpha**
Rats, beavers, squirrels, porcupines, rabbits, hares, pikas
- .4 **Chiroptera**
Bats

- 599.5 **Cetacea**
Whales, dolphins, porpoises
- .61 **Proboscidea**
Elephants
- .7 **Ungulata**
Hoofed mammals
For Domestic animals, see Animal husbandry, 636
- .72 **Perissodactyla**
Odd-toed ungulates (horses, asses, zebras, rhinoceroses, tapirs)
- .73 **Artiodactyla**
Even-toed ungulates (pigs, hippopotamuses, camels, giraffes, deer, antelopes, buffalo, bison, cattle, sheep, goats)
- .74 **Carnivora**
Flesh-eating mammals
- .744 **Fissipedia**
Land carnivora (cats, dogs, bears, weasels, hyenas)
- .745 **Pinnipedia**
Marine carnivora (seals, walruses)
- .8 **Primates**
Lemurs, monkeys, apes, man (formerly classified in .9)
For Anthropology, see 572
- .9 It is recommended that **Man** be classified in .8

600 Applied Science

For Specific subjects in applied science, see 610-690, e.g. Chemical technology, 660; Engineering, 620; Pure science, 500; Form divisions 1-7, and 9, p. lv; exception in 8 follows:

608 PATENTS AND INVENTIONS

610 MEDICAL SCIENCES

For Medical jurisprudence, see 340.6; Hospitals, sanitariums, 362;
Form divisions .1-6 and .8-9, p. lv; exception in .7 follows:

- 610.72 **Experimental Medicine**
- .73 **Nurses and Nursing**
Includes professional and practical nurses, aides, attendants
May be divided by regular form divisions, e.g. Study and teaching of nursing, 610.7307; History of nursing, 610.7309
For Army Nurse Corps, see 356.92; Naval Nurse Corps, 359.99; Home nursing, 649.8
- .732 **Private Duty Nursing**
- .733 **Institutional Nursing**
Nursing in hospitals, sanitariums, clinics, prisons
- .734 **Public Health and Community Nursing**
Includes industrial nursing
- .736 **Special Nursing**
Includes communicable disease, surgical and gynecological, obstetrical, orthopedic, pediatric, psychiatric nursing
- .75 It is recommended that **Diagnosis** be classified in 616

611 ANATOMY

Structure of human body and relation of its parts

For Comparative anatomy, see 591.4

- .012 **Human Teratology**
Study of human anomalies, deformities, monstrosities
(formerly classified in 573.9)
- .013 **Human Embryology**
Formation and development of human embryos
- .018 **Human Histology and Cytology**
Microscopic structure of human organisms
Includes tissues and cells

612 HUMAN PHYSIOLOGY

Functions of human body and its parts

- .015 **Human Biochemistry**
Chemical composition of human bodies and changes which occur in them, e.g. chemical transformations, oxidations, reductions
- .017 **Human Biophysics**
Action of physical agents on human bodies
- .1 **Circulation**
Operation of circulatory system
- .2 **Respiration**
Process of breathing
Includes artificial respiration
- .3 **Digestion**
Conversion of food into absorbable form
- .39 **Metabolism**
Assimilation of food
- .4 **Secretion and Excretion**
Processes of glandular system
- .6 **Reproduction**
Sex functions
Includes sex instruction
For Sex education in schools, see 371.76
- .63 **Conception**
Union of male sperm and ovum of female
Includes artificial insemination, contraception or birth control
For Planned parenthood, see 301.426
- .7 **Locomotion Speech Cutaneous functions**
- .76 **Locomotion**
Movement from one place to another

- 612.78 **Speech**
Use of voice
- .79 **Cutaneous Functions**
Physiology of skin
- .8 **Sensation**
Response to stimulation
Includes sight, hearing, smell, taste, touch
- 613 **PERSONAL HYGIENE**
Maintenance of personal health
For *Health education in schools*, see 371.76
- .1 **Air and Light**
Beneficial effects of fresh air and sunlight
Includes sunbathing
For *Therapeutic use of air and light*, see 615.8; *Medical climatology and meteorology*, 616.98
- .2 **Food**
Uses of food in maintaining health
For *Nutrition and dietetics*, see 641.1; *Dietotherapy*, 615.85
- .4 **Bathing**
Cleanliness of body
For *Therapeutic use of water and bathing*, see 615.8; *Sanitary control of public bathing places*, 614.7; *Care of personal appearance*, 646.7
- .6 It is recommended that **Industrial Hygiene** be classified in 614.85
- .67 It is recommended that **Military Hygiene** be classified in 356.92
- .68 It is recommended that **Naval Hygiene** be classified in 359.99
- .7 **Rest and Exercise**
Adequate sleep, relaxation, exercise for maintenance of health
Includes correct posture
For *Physical education in schools*, see 371.73

- 613.8 It is recommended that **Effects of Stimulants and Narcotics** be classified in 616.86
- .9 **Human Genetics**
Improvement of human race by judicious mating
For *Eugenics*, see 301.323; *Birth control*, 612.63
- 614 **PUBLIC HEALTH AND PREVENTIVE MEDICINE**
- .1 **Medical Statistics**
Includes physicians' reports of disease, births, stillbirths, and death; medical surveys
For *Vital statistics*, see 312
- .2 **State Medicine**
Regulation of medical practice by the state by means of health codes, licensing of physicians, socialized medicine
Includes control of quackery, patent medicines
For *Social insurance*, see 368.4; *Group hospitalization and medical expenses*, 368.38
- .3 **Food and Drug Control**
Control of adulterations and health hazards in foods and beverages, milk and milk products, drugs, cosmetics, by means of legislation, inspection
- .4 **Disease Control**
Health measures for prevention and control of communicable disease, e.g. isolation and quarantine, vaccination and immunization, disinfection
- .49 **Epidemiology**
History and control of epidemics
- .5 It is recommended that **Control of Specific Diseases** be classified with **Diseases**, e.g. **Venereal Disease Control**, 616.95
- .6 **Disposal of the Dead**
Includes morgues, crematories, cemeteries, undertaking, embalming, cremation, burial
For *Manners and customs in treatment of dead*, see 392

- 614.7 **Sanitary Control**
Public health measures for sanitation and control of environment, e.g. control of air and soil pollution; provision of adequate and safe water supply, waste disposal, noise control; sanitary supervision of public conveyances and buildings; sanitary operation of swimming pools, bathing beaches, comfort stations
For Methods of sanitation, see Sanitary engineering, 628
- .8 **Safety**
Protection of human life from accidents, casualties
For Safety instruction in schools, see 371.71
- .81 **Life-Saving**
Rescue of drowning
Includes resuscitation
- .84 **Fire Prevention and Protection**
- .85 **Industrial Medicine**
Includes industrial hygiene and safety (formerly classified in 613.6)
- .86 **Accident Prevention**
Public protection of travelers
For Mining accident prevention and relief, see 622.86
- .88 **First Aid**
- .9 It is recommended that **Veterinary Sanitation** be classified in 636.0894
- 615 **THERAPEUTICS**
Treatment of disease
Includes Materia medica and pharmacology; nature, sources, mode of administration, effects on the body of medicinal substances, e.g. antibiotics, biologicals; pharmacopeias; formularies; dispensaries
- .37 It is recommended that **Immunology** be classified in 616.97
- .4 **Pharmacy**
Preparation and dispensing of drugs

- 615.5 **Pharmacotherapy**
Use of drugs in treatment of disease
For Pharmacotherapy of specific diseases, see diseases, e.g. Use of quinine in treatment of malaria, 616.9
- .8 **Physiotherapy**
Treatment of disease by physical agents other than drugs, e.g. heat, water, light, electricity, radiation
Includes thermotherapy, hydrotherapy, actinotherapy, electrotherapeutics, radiotherapy
- .82 **Mechanotherapy**
Treatment of disease by mechanical means, e.g. massage, exercise, rest
Includes osteopathy, chiropractic
- .85 **Other Types of Therapy**
Use of other agents, e.g. diet, religion, for remedial purposes
Includes naturopathy, dietotherapy, hierotherapy
For Psychotherapy, see 131.32
- .851 **Occupational Therapy**
Use of occupations for purposes of treatment
For Vocational rehabilitation, see 371.91
- .9 **Toxicology**
Study of poisons, their nature, effect, detection, antidotes; treatment of conditions produced by poisoning
Includes organic, inorganic, vegetable, animal, gaseous, food poisons
- 616 **INTERNAL AND CLINICAL MEDICINE**
Nature of disease, its diagnosis and treatment
Includes domestic medicine or treatment of minor ailments at home without direction of physician
For Pathology, diagnosis, treatment of specific diseases, see diseases, e.g. Treatment of arthritis, 616.7
- .01 **Etiology and Pathology**
Cause and nature of diseases
Includes medical bacteriology

- 616.012 **Nosology**
Classification of diseases
- .07 **Symptomatology and Diagnosis**
Symptoms of disease Diagnosis by clinical, physical, laboratory, serum, pathological, roentgen, differential methods
This form division may be used to indicate diagnostic methods applied to specific diseases, e.g. Electrocardiography, 616.107
- .08 **Psychosomatic Medicine**
Treatment of diseases resulting from interrelationship between bodily processes and emotional life
For Psychosomatics, see 131
- .1 **Cardiovascular System Cardiology**
Hygiene, pathology of heart, arteries, veins, capillaries
Includes diagnosis, treatment of carditis, angina pectoris, thrombosis, arteriosclerosis, phlebitis, varix
- .15 **Hemic and Lymphatic System Angiology**
Hygiene, pathology of blood-forming organs, blood and lymph, spleen, lymphatic channels, lymph nodes and lymphatic tissue
Includes diagnosis, treatment of anemia, leukemia, hemophilia, Hodgkin's disease, high blood pressure
Lymphatic system was formerly classified in 616.4
- .151 **Blood Transfusions**
Includes blood banks, blood plasma
- .2 **Respiratory System**
Hygiene, pathology of lungs, bronchi and bronchioles, pleura
Includes diagnosis, treatment of common cold, pneumonia, tuberculosis, bronchitis, pleurisy
- .3 **Digestive System Gastroenterology and Proctology**
Hygiene, pathology of stomach, intestines, liver and biliary tract, pancreas
Includes diagnosis, treatment of indigestion, gastritis, constipation, colitis, appendicitis, hemorrhoids, jaundice

- 616.4 **Endocrine System Endocrinology and Hormone Therapy**
Hygiene, pathology of thyroid, parathyroids, thymus, pituitary and pineal bodies, adrenals, suprarenals, carotid
Includes diagnosis, treatment of goiter, cretinism, Addison's disease
It is recommended that **Lymphatic System** be classified in 616.15
- .46 **Metabolic and Nutritional Disorders Vitamin Therapy**
Includes diagnosis and treatment of gout, rickets, scurvy, avitaminosis, diabetes (formerly classified in 616.63)
- .5 **Integumentary System Dermatology**
Hygiene, pathology of skin, hair, nails
Includes diagnosis, treatment of acne, dermatitis, eczema, dandruff, baldness
- .6 **Urogenital System Urology**
Hygiene, pathology of kidney, ureter, bladder, urethra, male genital system
Includes diagnosis, treatment of nephritis, enuresis, prostatitis, impotence, sterility of males
It is recommended that **Diabetes** be classified in 616.46
For Female genital system, see 618
- .7 **Musculo-skeletal System**
Hygiene, pathology of bones, joints, ligaments, tendons, and bursae, connective tissue and fascia, muscles
Includes diagnosis, treatment of osteomyelitis, arthritis, bursitis, myositis
For Orthopedics, see 617.3
- .8 **Nervous System Neurology**
Hygiene, pathology of brain, spinal cord and nerves, meninges, cerebrospinal spaces and fluid
Includes diagnosis, treatment of apoplexy, encephalitis, neuralgia, insomnia, epilepsy, aphasia, meningitis, neuroses
- .86 **Intoxicants**
Effect of stimulants and narcotics on human body
Includes diagnosis, treatment of alcoholism, drug habit

- 616.89 **Psychoses Psychiatry**
Includes diagnosis, treatment of schizophrenia, paranoia, manic-depressive psychoses, dementia praecox
For Psychotherapy and Psychoanalysis, see Clinical psychology, 131.3
- .9 **Diseases of the Body as a Whole**
Includes diagnosis, treatment of contagious, infectious and virus diseases, e.g. diphtheria, measles, chicken pox; typhoid fever, malaria, poliomyelitis, tapeworm
- .95 **Venereal Diseases Venereology**
Includes syphilis, gonorrhoea
- .96 **Parasitic Diseases Medical Parasitology**
- .97 **Anaphylaxis and Allergies**
Includes immunology (formerly classified in 615.37)
- .98 **Medical Climatology and Meteorology**
Relation of air pressure, altitude, climate, moisture, weather to health
Includes tropical medicine, aviation medicine (formerly classified in 629.13256), submarine medicine
- .99 **Neoplastic Diseases**
Includes tumors, cancers
- 617 **SURGERY**
Treatment of disease by manual and instrumental operations
- .3 **Orthopedics**
Correction of deformities and treatment of chronic diseases of joints and spine
- .6 **Oral Surgery and Dentistry**
Teeth and gums and their diseases
Includes operative dentistry, orthodontia, prosthetic dentistry, pedodontia
- .7 **Ophthalmology Optometry**
Eye and its disorders, e.g. astigmatism, myopia, glaucoma
Includes artificial eyes, spectacles and their fitting, mechanical work of opticians (frames and lenses)

- 617.8 **Otorhinolaryngology**
Ear, nose, throat and their disorders, e.g. deafness, mastoiditis, rhinitis, sinusitis, laryngitis, tonsillitis, tracheitis
Includes hearing aids
- .9 **Operative Surgery**
Includes surgical instruments and dressings, methods and procedures, preoperative and postoperative care
- .95 **Plastic and Cosmetic Surgery**
- .96 **Anesthesiology**
- 618 **GYNECOLOGY AND OBSTETRICS**
Female genital system and its diseases
Includes pregnancy, parturition, puerperium, sterility of females
- .9 **Pediatrics**
Hygienic care of children and treatment of childhood diseases
For Child care, see 649.1; Child psychology, 136.7
- .97 **GERONTOLOGY**
Scientific study of old age and treatment of its diseases
- 619 It is recommended that **VETERINARY MEDICINE**
be classified in 636.089

620 ENGINEERING

Includes civil engineering

For Form divisions .2-.9, see p. lv; exception in .1 follows:

- 620.02 **Quantities and Cost**
- .03 **Contracts and Specifications**
- .04 **Designs and Drawings**
Where interest in Engineering drafting lies in drawing, classify in 744
- .07 **Laws and Regulations**
- .09 **Reports**
- .1 **Engineering Mechanics and Materials**
Includes applied mechanics, vibration in engineering
- .11 **Engineering Materials**
Includes theory of strength of materials; engineering properties of materials not specifically classified in 620.12-.19
- .112 **Tests of Materials**
Testing methods Equipment Performance
Includes tests for strength (influence of temperature, corrosion, weathering, plasticity, fatigue, deformation, tension, compression, hardness); tests for other engineering properties (homogeneity, thermal expansion, electrical conductivity); testing methods (magnetic particle testing, radiographic testing)
For Application to specific materials, see material, 620.12-.19
- .12 **Wood**
For Deterioration and preservation of wood, see 691.1
- .13 **Stone, Cement and Concrete**
- .132 **Stone**
- .135 **Cement**
- .136 **Concrete**
- .137 **Reinforced Concrete**

256

- 620.14 **Brick, Tile, Glass**
- .15 **Masonry Adhesives**
- .17 **Iron, Steel, and Alloy Steels**
- .172 **Corrosion Properties**
- .173 **Elastic Limit Properties**
Includes plasticity, fatigue, deformation
- .18 **Other Metals and Their Alloys**
- .19 **Other Materials**
Includes plastics, rubber, laminated materials
For Mechanics of engineering soils, see 624.151
- 621 **MECHANICAL ENGINEERING**
For Marine engineering, see 623.87; Aeronautics, 629.1; Motor vehicle engineering, 629.2; Transportation engineering, 625
- .01 **Engineering Thermodynamics**
- .1 **Steam Power Engineering**
- .11 **Steam Engines**
Design of engine and parts
Includes operation and maintenance of steam engines, e.g. packing, oiling; valve mechanisms and governors
- .12 It is recommended that **Marine Engines** be classified in 623.872
- .13 It is recommended that **Steam Locomotives** be classified in 625.26
- .14 **Steam Tractors and Rollers**
- .16 **Steam Turbines**
Includes types, design, construction, maintenance of steam turbines
- .18 **Steam Generation**
- .182 **Fuels and Combustion**
Includes fuels for boiler heating (solid, liquid, gaseous fuels, fissionable material), fuel combustion
For Technology of fuels, see 662.6

- 621.183 **Boiler Furnaces**
Includes boiler furnace details (mechanical stokers, ash conveyers, chimneys, draft appliances, smoke consumers)
- .184 **Boilers**
Includes types of steam boilers; boiler construction, erection, firing, maintenance and inspection; boiler accessories
- .185 **Steam Distribution and Circulation**
Includes piping
- .19 **Steam Power Plants**
Central stations
Includes feedwater heaters, economizers, pumps, separators, superheaters, condensers, cooling towers, instruments
- .2 **Hydraulic Power Equipment**
Industrial use of water as motive power
Includes water wheels, turbines, hydraulic engines, hoists, elevators, hydraulic presses, hydraulic rams, machines run by water under pressure maintained by accumulators; constructions and appliances for distributing and regulating supply of water to hydraulic power equipment
For Hydraulic engineering, see 627; Water-supply engineering, 628.1; Theory of Mechanics of liquids, 532
- .3 **Electrical Engineering**
For Economics of power production and distribution, including economics of rural electrification, see 338.39
- 621.31-621.37. ELECTRIC POWER ENGINEERING
621.38 ELECTRIC COMMUNICATION ENGINEERING
- .31 **Generation of Electricity**
Includes Dynamoelectric machinery, transformers, transmission of electricity
- .312 **Production of Electric Power**
Includes operation, maintenance and testing of power stations (steam, gas turbine, Diesel, hydraulic); and substations (transformer, converter)

- 621.313 **Dynamoelectric Machinery**
Design Construction Installation Operation
Maintenance Testing
Includes direct or continuous current machinery; alternating-current machinery
- .314 **Transformers, Regulators and Reactors**
- .316 **Details of Electric Machinery**
Includes armatures, field cores, brushes
- .317 **Power Station Wiring Switchboards and Control Devices**
Includes panels (generator, motor, feeder); switches and circuit breakers (oil, air, thermal); safety and signal devices, e.g. barriers and compartments, fuses, lightning arresters
- .319 **Transmission of Electric Energy**
Includes transmission systems (direct or continuous, alternating current systems); transmission lines and conductors (overhead or aerial, underground lines); cables, wires and conductors; insulating materials; insulators; protective devices, e.g. line lightning arresters
For Local wiring, see specific application, e.g. Electric light wiring, 621.328
- .32 **Electric Lighting**
Illumination engineering (formerly classified in 628.9)
Includes design of domestic (formerly classified in 644), industrial, public lighting systems for streets, parks, public buildings; flood lighting for sports and expositions; arc, incandescent, fluorescent and neon tube lighting
- .328 **Apparatus at Service End of Line**
Includes panels, fuses, insulators, switches, protective devices; underwriter requirements, e.g. national electric code, house wiring
- .33 **It is recommended that Electric Traction be classified in 625.1; Electric Locomotives in 625.26**
For Marine propulsion, see 623.8

- 621.34 **Electronics and Electron Tubes**
For Physical electronics, see 537.5; Industrial and scientific application, the subject, e.g. Radar, 621.381; Particle detectors in nuclear physics, 539.7; Electronic navigation, 623.893
- .342 **Electron Tubes and Their Characteristics**
 Includes vacuum tubes, cathode ray tubes, photoelectric cells
For Vacuum tubes as radio apparatus, see 621.3843
- .343 **Electronic Circuit Functions**
- .345 **Sound-reproduction Applications**
 Includes sound recording, reproduction of sound in moving pictures
- .35 **Production of Electricity Directly from Chemical Action**
 Includes primary and storage batteries
For Industrial electrochemistry, see 660.29
- .37 **Electric Measurements**
 Standards Calibration of instruments Testing
 Includes resistance measurement (inductance, capacity) by Wheatstone bridges, ohmmeters, resistance boxes; voltage measurement by voltmeters, electrometers, potentiometers, standard cells; current measurement by galvanometers, ammeters, milliammeters; quantity or energy measurement by coulometers, ampere-hour meters, watt-hour meters; power measurement by wattmeters; frequency, phase, power-factor meters, synchronizers, oscillographs; measurement of non-electric quantities by electrical means, e.g. electric thermometers
- .38 **Electric Communication Engineering**
- .381 **Radar**

- 621.382 **Telegraphy (Wire)**
 Includes telegraphic codes; telegraphic systems; automatic code telegraphy and high speed systems, e.g. Bain and Morse systems, Wheatstone; printing and writing telegraphy, e.g. stockticker, teleprinter, teletyper, telautograph; facsimile telegraphy or phototelegraphy; submarine cable telegraphy; telegraph instruments (formerly classified in 621.383)
For Radiotelegraph, see 621.384
- .383 It is recommended that **Telegraph Instruments** be classified in 621.382
- .384 **Radio**
 Includes radiotelegraph (formerly classified in .3842-3-4), radiofacsimile, radiotelephone (formerly classified in .3845-6-7), radio circuits, measurement and standardization
For Radio administration, regulation, finance, facilities, services, see 384.5
- .3841 **Radio Principles**
 Includes radio waves: characteristics, propagation, radiation; transmission phenomena: fading, meteorologic influences, ionosphere
 621.3842-.3849 Former expansions of radio have used .3841 as base number. In order to shorten number, .384 has been used as base number
- .3843 **Radio Apparatus and Equipment**
 Formerly .38413
 Includes generating, sending, transmitting apparatus, vacuum and electron tubes, parts of circuits, e.g. capacitors, inductors, modulating devices, transmission lines (radio), wave guides; antennas, aerials and their substitutes; receiving apparatus and instruments, detectors, rectifiers, amplifiers, acoustic receivers, recording devices, receiving sets; maintenance, repair and testing

- 621.3845 **Radio Communication Systems**
Formerly .38415
For Commercial radio stations, see 384.5
- .3849 **Applications of Radio**
Formerly .38419
Comprehensive material only
Includes radio broadcasting
It is recommended that specific applications be classified with specific number, e.g. **Radio aids to navigation (marine)**, 623.894; **Radio landing aids (aeronautics)**, 629.16
For Radio show production, see 792.94; Radio advertising, 659.14; Radio in teaching, 371.333; Radio in adult education, 374.26; Radio speech, 808.5
- .385 **Telephone (Wire)**
Includes telephone systems (party line, intercommunication systems, central switchboard systems, automatic systems)
For Radiotelephone, see 621.384
- .388 **Television**
Includes systems (wire and wireless)
- .3883 **Television Apparatus**
Includes construction, operation, maintenance, testing
- .3889 **Television Broadcasting**
For Television show production, see 792.95
- .389 **Other Electrical Communication**
Electric bells and buzzers, electric alarms, public address systems
- .39 **Other Applications of Electricity**
It is recommended that specific applications be classified with specific numbers, e.g. **Electricity on farm**, 631.37; **Household electrical appliances**, 643.6; **Use of electricity for heating**, 697.7; **Electric welding**, 671.521

- 621.4 **Internal Combustion and Heat Engines Other Than Steam**
Principles Design Construction Performance
Testing
For Steam engines, see 621.11; Engineering thermodynamics, 621.01
- .41 **External Combustion Engines**
Includes hot air engines
- .42 **Compressed or Rarified Air or Gas Engines**
For Internal combustion gas engines, see 621.43; External combustion gas engines, 621.41
- .43 **Internal Combustion Engines**
Includes engines especially designed to use gas, gasoline, and other liquid or solid fuels; gas turbines
For Aircraft engines, see 629.1435; Automobile engines, 629.25; Marine engines, 623.872
- .436 **Diesel Engines**
For Diesel locomotives, see 625.26
- .437 **Parts and Accessories of Internal Combustion Engines**
For Specific application, see specific engines, e.g. Diesel engines, 621.436
- .47 **Solar Engines**
- .48 **Atomic Energy Engines**
Use of atomic fission as source of power
- .49 **Power Plants and Central Stations Other Than Steam Power Plants**
- .5 **Pneumatic Machinery**
Includes air compressors; piping, mains, gages for compressed air transmission and distribution
- .54 **Applications for Compressed Air**
Includes pneumatic cleaning, sandblasts, pneumatic tubes and carriers
For Pneumatic hoists, see 621.86; Pneumatic machine tools, 621.9

- 621.56 **Refrigeration**
Includes refrigerants, refrigerating systems and plants, comprehensive material on refrigeration and air conditioning
For Specific application of refrigeration, see subject, e.g. Refrigeration of foods, 664.85; Air conditioning, 697
- .57 **Refrigerating Machines**
Includes ammonia machines
- .58 **Ice Manufacture**
- .6 **Fans, Blowers and Pumps**
Design Construction Tests
Includes rotary, centrifugal blowers; direct acting, rotary, centrifugal, fire, hydraulic pumps; steam injectors and ejectors
For Air compressors, see 621.5
- .7 **Shop Management**
Engineering questions affecting establishment and operation of shops; arrangement with reference to sequence of processes, mechanical equipment, economy of power
Includes woodworking, pattern, forge, sheet metal shops; foundries, blast furnaces, rolling mills
For Design, maintenance and operation of machine and hand tools, see 621.9; Metal manufactures including sheet metal work, 671
- .75 **Machine Shop Practice**
- .8 **Power Transmission Machinery and Materials-Handling Equipment**
Elements Design Construction Tests
- .82 **Journals, Bearings, Springs, Couplings, Clutches**
Includes Universal joints
- .83 **Gears and Cams**
- .85 **Belt, Rope and Chain Transmission**
- .86 **Materials-handling Equipment**
Includes hoists, conveyers
For Pneumatic tubes, see 621.54

- 621.87 **Cranes, Derricks, Elevators**
- .88 **Fastenings**
Includes clamps, vises, screws and bolts, rivets, nails
- .89 **Lubrication**
For Production and properties of lubricants, see 665
- .9 **Machine and Hand Tools**
Design Maintenance Operation
Includes use of diamonds for grinding, cutting; catalogs
For Specific application, see specific tools, e.g. Woodworking tools, 674.4
- .91 **Planing and Milling Machines**
- .92 **Grinding and Filing Tools**
Includes abrasives, crushers
- .93 **Cutting and Sawing Tools**
- .94 **Lathes and Boring Mills**
Includes screw and pipe threading
- .95 **Drilling and Reaming Machinery**
- .98 **Bending, Straightening and Shaping Machinery**
Includes flanging and die press machinery
- .99 **Gages, Jigs and Fixtures**
- 622 **MINING ENGINEERING**
Discovery and extraction of ores and economically useful minerals
Includes mining laws
For Metallurgy, see 669; Metal manufactures, 671-673; Economics of mineral industries, 338.2; Mineral land resources, 333.8; Conservation of mineral resources, 333.72

- 622.1 Preliminaries to Mining**
Includes mining prospecting methods, e.g. geological, geophysical (magnetic, gravimetric, seismic, electrical, geochemical, geothermal, resistivity and radioactivity methods); mine surveying; development workings
For Economic geology, see 553; Application to specific mineral, see mineral, e.g. Prospecting for gold, 622.342
- .17 Mining Economics**
Includes valuation (mine examination, sampling and measuring, tonnage calculations, analysis of costs); organization (formation of companies, promotion and sale of stock, taxation) and management
- .2 Mining Operations**
Practices Tools, equipment, machinery
Includes quarrying, boring, shaft sinking, tunneling, stopping, timbering and roofing of mines
For Mining plant design, see 662.7; Application to specific mineral, see mineral, e.g. Blasting for marble, 622.35
- .23 Drilling and Blasting**
Methods Drills and accessories Drill sharpening
Includes selection, handling and use of blasting explosives; safety measures
For Explosives technology, see 662
- .3 Types of Mining**
Practices Special tools, equipment, machinery
Includes open pit mining, alluvial mining (placer, hydraulic, dredging and drift mining)
- .33 Mining of Mineral Fuels and Other Organic Minerals**
Practices Equipment, machinery
Includes mining of coal, peat, lignite, graphite, asphalt
May be divided like 553.2
- .338 Petroleum Mining**
Includes prospecting; well drilling
For Petroleum technology, see 665.5

- 622.34 Mining of Metalliferous Ores**
Practices Tools, equipment, machinery
Includes iron, copper, lead, zinc, tin, mercury, manganese, chromium, antimony, nickel
- .342 Gold and Silver Mining**
- .35 Building Stone Quarrying**
Includes marble, limestone, granite, sandstone, slate
- .36 Mining of Nonmetalliferous Minerals**
Includes mining of construction commodities (sand, gravel, gypsum, lime, asbestos); fertilizer materials (phosphate rock, potash salt, nitrates); chemical raw materials (sulfur, pyrite, lime, fluorspar, barite, salt, magnesite, brucite, dolomite); ceramic raw materials (clay, feldspar, flint, glass sand); refractory materials (bauxite, silica, chromite); abrasive materials (pumice, garnet, corundum, emery); mica, talc, boron, lithium, strontium materials
- .38 Mining of Ornamental and Precious Stones**
Includes gems
- .4 Mine Ventilation, Air Conditioning, Lighting**
Methods Equipment
Includes mine gases, methods of detection
- .5 Mine Drainage**
Methods Equipment Costs
Removal of water from mines by drain tunnels and ditches; pumping
- .6 Transportation and Hoisting**
Methods Equipment
Transportation of ore, waste, timber, men and supplies on surface and underground; hoisting from one level to another
Includes loading, unloading, haulage systems, transference between two points

- 622.7 **Ore Dressing**
 Methods Equipment
 Separation and saving valuable minerals from valueless material of an ore; concentration into smaller bulk and weight. Is variously termed concentration, washing, separating or milling
 Includes comminution (breaking, grinding, crushing); concentration by gravity, heavy fluid, flotation, amalgamation and magnetic methods; milling plant design
For Preparation and treatment of coal, see 662.623; Metallurgical treatment of ores, including reduction and refinement, 669
- .78 It is recommended that **Coal Washing** be classified in 662.623
- .8 **Mine Dangers and Their Prevention**
 Includes fires, fall of rock and ore
- .81 **Explosions**
 Causes Occurrence
- .86 **Accident Prevention and Relief**
 Includes safety measures (signal systems, inspection and investigation of conditions, safety apparatus); organization for rescue and relief, first aid
- 623 **MILITARY ENGINEERING**
 Military construction (fortifications, cantonments and depots, roads, bridges, pipe lines, railroads); design and use of weapons used in warfare; surveying, mapping, and procurement, storage and issue of engineering supplies
For Maneuvers, strategy, tactics, see 355; Engineer Corps, 356.94
- .1 **Fortification**
 Strengthening defensive positions, places or areas by construction of military works
 Includes permanent fortifications and field or temporary fortifications

- 623.2 **Offensive Engineering Operations**
 Includes demolition of fortifications, mine fields, booby traps, bridges, rail communications, roads, docks; cutting of wire entanglements
- .3 **Defensive Engineering Operations**
 Includes mine laying; creation of obstacles and preparation of demolition of communication facilities
- .38 **Design and Construction of Defenses Against Bombs and Shells**
- .4 **Ordnance**
 Design of weapons, such as guns, small arms; tools and machinery used for war
 Includes naval ordnance (formerly classified in 623.9)
For Gunsmithing, see 683; Gunnery, 623.5
- .41 **Artillery**
 Guns of greater caliber than small arms and generally too heavy to be carried by hand
 Includes field, sea coast and antiaircraft, naval guns
- .42 **Types of Artillery**
 Includes guns, howitzers, mortars
- .43 **Mounts and Carriages Armored Vehicles**
 Includes tanks, half-tracks, self propelled artillery (tank destroyers), towed artillery
- .44 **Small Arms and Other Weapons**
 Includes rifles, rifle grenades, carbines, pistols, machine and submachine guns, side arms (swords, bayonets, trench knives); bazookas
For Gunsmithing, see 683
- .445 **Chemical Warfare Weapons**
 Includes flame throwers, mortars for smoke and gas projectiles

- 623.45** **Ammunition**
 Projectiles used with all types of firearms, together with requisite propellants, bursting charges, fuses, cartridge cases and means of ignition
 Includes small arms ammunition (cartridges, bullets)
For Explosive manufacture, see 662.2
- .451** **Projectiles**
 Missiles used in modern warfare
 Includes bombs (demolition, fragmentation, gas and chemical, incendiary); grenades; shells (explosive, chemical, incendiary, gas, smoke, star); torpedos, rockets, guided missiles
 Incendiary bombs was formerly classified in 623.45431, Rockets in 623.45432
For Gunsmithing, see 683; Chemical and bacteriological warfare, 356.93
- .452** **Explosives**
 Chemical compounds used for propelling charges, bursting and demolition charges
 Includes nitrocellulose powders, TNT, cordite, melanite, amatol, fulminate
For Explosive manufacture, see 662.2
- .454** **Detonators**
 Includes fuses
 It is recommended that Incendiary bombs and Rockets be classified in 623.451
- .46** **Artillery Accessories**
 Includes sighting and laying apparatus, range finders, telescopes, aiming circles, computers
For Gunsmithing, see 683
- .5** **Gunnery**
 Practical handling of artillery fire
 Includes sighting, range finding, firing and mathematical theory
For Gunsmithing, see 683

- 623.53** **Ballistics**
 Science which deals with motion of projectiles
 Includes interior ballistics (movement of projectile within the bore); ballistic tables, instruments
- .54** **Exterior Ballistics**
 Movement of projectile from time it leaves muzzle until it comes to rest
 Includes trajectory
- .6** **Military Engineering Operations**
 Protection Obstruction Demolition Construction
 Operation Repair
 Includes temporary and rapid construction, operation and repair for military purposes of roads, railways, harbors, docks, bridges, power and light systems and water supply
For Military architecture, see 725.1; Construction, 690
- .7** **Military Adaptations of Peacetime Techniques**
- .71** **Military Topography**
 Art of military sketching, map making and reading
 Includes mosaics, photogrammetry and reading of aerial photographs
- .73** **Military Communications**
 Includes military use of signal communication, teletype, telephone, telegraph, radio (walkie-talkie)
- .74** It is recommended that **Military Aeronautics** be classified in 629.1
- .77** **Camouflage Engineering**
- .8** **Naval Engineering**
 Design, construction, equipment and handling of ships
- .81** **Naval Architecture**
 Design of ships
 Includes calculations and considerations of areas and moments, stability, displacement, resistance and speed, rolling, structural strength, tonnage, steering and maneuvering
For Graphic statics, see 531.2; Strength of materials, 620.11; Fluid mechanics, 532

- 623.82 **Shipbuilding**
 Construction Maintenance Repair
 Includes construction of model ships of all types
- .821 **Historic Ships**
 Includes galleys, privateers, clipper ships, early warships
- 623.822-623.829
 MODERN SHIPBUILDING
- .822 **Sailing Ships**
 Includes small sailing craft, racing yachts, cruisers
- .823 **Small Power Craft**
 Includes motorboats
- .824 **Passenger and Cargo Ships**
 Includes passenger liners, cargo ships, bulk carriers (grain, coal), tankers (liquid cargo) for ocean and inland water transport, power yachts
 For Description of liners, see 387.54; Merchant marine, 387.5
- .825 **Warships**
 Includes battleships, aircraft carriers, cruisers, destroyers, submarines, motor torpedo boats (PT), patrol craft, landing craft (LST, LCC, LCM)
 For Number, disposition, see 359.31
- .828 **Special Purpose Ships**
 Includes trawlers, dredgers, icebreakers, fireboats
- .829 **Other**
 Includes hand propelled craft (canoes, lifeboats); towed craft (barges, scows)
- .83 **Shipbuilding Facilities**
 Includes design and construction of model tanks and basins for experiment, slips and launching ways, drydocks, mold-lofts

- 623.84 **Building the Hull**
 Use of wood, steel alloys; construction of body of ship (shell plating, framing decks and bulkheads)
 Includes joinery, riveting, welding, sheet metal work for shipbuilders (loftsmen, ship fitters, shipwrights)
- .85 **Electrical, Mechanical and Chemical Accessory Systems**
- .852 **Marine Electricity**
 Includes equipment, installation
 It is recommended that **Masts** and **Gear** be classified in 623.86
 For Electrical engineering, see 621.3
- .853 **Marine Heating, Ventilating and Refrigeration**
 For Heating and ventilating engineering, see 697; Refrigeration engineering, 621.56
- .854 **Marine Sanitation Systems**
 Includes water distillation, fire detection and protective systems
 For Public health, see 614
- .86 **Equipment and Outfit**
 Includes rigging (rope, masts, booms, yards, sails, cordage); gear (arrangement of machinery for working pumps, rudder, anchor, cargo); nautical instruments, wireless equipment, signal lights, life-saving equipment
 Gear and Masts was formerly classified in 623.85
- .87 **Marine Engineering**
 Invention Design Building Installation Op-
 eration Repair
 Study of marine propulsion machinery and its auxiliaries
 For Theory of resistance, see 532.5; Design involving calculation of resistance, 623.81

- 623.872 Marine Engines**
Includes steam engines (reciprocating and turbines), Internal combustion engines (gas, marine, Diesel)
Marine engines was formerly classified in 621.12
For Steam engineering, see 621.1; Diesel engineering, 621.436
- .873 Marine Engine Auxiliaries**
Includes marine piping, condensers, blowers, pumps, boilers, gears, propellers and propulsion shafting
- .874 Marine Fuels**
- .88 Seamanship**
Art and science by which all vessels are handled
Includes ship handling (steering, small boat handling, towing, rescue at sea, formation); marlinspike seamanship (carc, handling, knotting, splicing and use of wire and fiber rope); Rules of Road; use of ground tackle
- .89 Navigation**
Art and science of determining position of vessels at any time and conducting them from one position to another
Includes problems of position, distance and direction
For Celestial navigation or nautical astronomy, see 527
- .892 Geo-navigation**
Includes piloting or conduct of vessels in channels, harbors and along coasts where landmarks and aids to navigation are available for fixing position; dead reckoning; methods of establishing distance covered and point reached by compass, observation, log reading
- .893 Electronic Navigation**
Navigation by radar, loran, Decca, Console
- .894 Aids to Navigation**
Includes lighthouses, lightships, buoys (silent, sound, underwater sound signals); government charts and publications, e.g. Light Lists, Sailing Directions, Navigational Tables, Tide and Current Tables

- 623.9** It is recommended that **Armor Protection of Warships** be classified with **Warship Construction, 623.825; Naval Ordnance with Ordnance, 623.4**
- 624 STRUCTURAL ENGINEERING**
Arrangement and proportioning of parts or elements of a structure so that its function may be achieved with safety and economy
Includes bridge, building, foundation, underpinning engineering
For Design of structures for beauty, see 720; Construction of buildings, 690; Dam engineering, 627.8; Port engineering, 627.3
- .1 General Principles of Structural Engineering**
- .15 Earthwork and Foundation Engineering**
Includes excavating, shoring, pile foundations
- .151 Mechanics of Engineering Soils**
Identification and classification Site investigation
Includes engineering properties of soils (shear strength, moisture: density relationship, permeability, compressibility); earth pressure, including stability of slopes and foundations
- .152 Tunneling**
For Specific purpose tunnels, see subject, e.g. Railroad tunnels, 625.13
- .16 Retaining Walls, Embankment Engineering**
Includes abutments
- .17 Theory of Structure**
Includes statically indeterminate structures
For Graphic statics, see 531.2

- 624.171 **Stress Analysis**
 Determination of magnitudes and forces which must be resisted by parts or materials of structures
 Includes determination of loads which arise from weight of construction, use of structure, such natural forces as wind pressure, earthquake, weight of snow and ice; impact, lateral forces and reactions (shear, bending moment)
- .177 **Design of Structural Elements**
 Determination of materials to be used, shape and size of individual members in order to provide safety
 Includes restrained and rigid beams, girders, columns, arches, slabs, trusses, frames and structural fastenings and connections (bolts, rivets, pins, electric arc welding)
- .18 **Systems of Structural Engineering**
 Includes timber, masonry (brick, cement, concrete, reinforced concrete), iron and steel construction
- .2 **Girder Bridges**
 Includes comprehensive treatment of all types of bridges, floor systems
For Girder design, see 624.177; Railroad bridges, 625.13
- .3 **Trussed Bridges**
 Includes cantilever bridges
For Truss design, see 624.177
- .5 **Suspension Bridges**
- .6 **Arch Bridges**
For Arch design, see 624.177; Historic arch forms, 729.3
- .7 **Compound Structures**
 Includes plate girder and suspension, trussed arch bridges
- .8 **Movable Bridges**
 Includes drawbridges, swing, lift, pontoon bridges

- 625 **TRANSPORTATION ENGINEERING**
 Design Construction Maintenance Operation
For Transportation administration, regulation, finance, facilities, services, see 385-388; Architecture of transportation buildings, 725.3; Channels of communication in city planning, 711.7
- .1 **Railroad Engineering**
 Design Construction Maintenance
 Includes standard gage and special types of railroads, e.g. narrow gage, elevated, underground, cable, street
 Electric traction was formerly classified in 621.33
For Railroad transportation, see 385.1
- .11 **Railroad Surveying**
 Includes reconnaissance, preliminary, locating surveys; grades, curves
- .12 **Roadbed**
 Includes railroad earthwork, e.g. grading, drainage, cuts and fills
- .13 **Auxiliary Structures**
 Includes railroad tunnels, railroad bridges
- .14 **Railroad Tracks**
 Design, construction, maintenance of tracks
- .16 **Track Accessories**
 Includes signals, switches, turnouts
- .19 **Model Railroads**
 Includes model trains
- .2 **Rolling Stock**
 Design Construction Maintenance
- .22 **Cars**
 Includes carbuilding (formerly classified in 699)

- 625.25 **Accessory Equipment**
Includes brakes, couplings
- .26 **Locomotives**
Includes steam locomotives (formerly classified in 621.13);
Electric locomotives (formerly classified in 621.334); Diesel
locomotives
- .27 **Railroading**
Train operation
- .7 **Highway Engineering**
Design Construction (materials, equipment, processes)
Maintenance
Includes pavements (formerly classified in 625.8)
For Street cleaning and snow removal, see 628.4
- .79 **Traffic Engineering**
Operation of highway systems Traffic planning
Includes traffic characteristics; control devices, c.g. traffic
signals and signs
- .8 It is recommended that **Pavements** be classified in 625.7
- 626 It is recommended that **SHIP CANALS** and **LOCKS** be
classified in 627.13; **IRRIGATION CANALS**, in 627.5
- 627 **HYDRAULIC ENGINEERING**
Materials Apparatus Processes
Water control, e.g. regulation of and protection against its
natural action, its artificial conveyance for useful purposes,
mechanical utilization of its force
Includes hydraulic models, dredging
For Water-supply engineering, see 628.1
- .1 **Inland Waterway Engineering**
Improvement of inland waterways for transportation
For Inland waterway transportation, see 386
- .12 **River Engineering**

- 627.13 **Canal Engineering**
Construction of ship canals (formerly classified in 626.9)
Includes locks (formerly classified in 626.4)
- .2 **Harbor Engineering**
Improvement of harbors to keep them open and safe
Includes breakwaters
- .3 **Port Engineering**
Design and construction of port facilities, c.g. docks, piers,
wharves
For Aids to navigation, e.g. lighthouses, buoys, see 623.894
- .4 **Flood Control Engineering**
Preventive and protective control of floods
Includes improvement of channels to lower flood heights; con-
struction of flood control reservoirs, levees, river walls
- .5 **Reclamation Engineering**
Reclamation of arid, marshy, or other waste land by construc-
tion of drainage and irrigation systems
Includes irrigation canals (formerly classified in 626.8)
For Agricultural drainage and irrigation, see 631.6-7
- .8 **Dam Engineering**
Design and construction of dams
Includes sluiccs, spillways, weirs
- 628 **SANITARY ENGINEERING**
Design, construction, operation of all works contributing to pub-
lic health
For Public health measures for sanitation and control of en-
vironment, see 614.7
- .1 **Water-supply Engineering**
Waterworks or water-supply plants; procurement, storage, dis-
tribution, consumption of water
- .16 **Water Purification**
Aeration, coagulation and sedimentation, filtration, disin-
fection of raw waters for removal of iron, color, taste, odor,
hardness, turbidity

- 629.133 **Heavier than Air Airplanes**
 Development Description Identification
 Includes transport, military, personal and research types of aircraft; seaplanes, flying boats, amphibians
 For Guided missiles, see 623.451
- .1333 **Gliders Soaring Planes Soaring Flight**
- .1335 **Rotating Wing Types**
 Autogiro Helicopter
- .1339 **Other Heavier-than-air Aircraft**
- .14 **Airplane Design and Construction**
 Includes performance, performance calculations, testing, comfortization (heating, ventilating), interior design
- .141 **Stress Analysis and Structures**
- .142 **Aircraft Production and Maintenance**
 Includes materials, drafting room practice, riveting, sheet metal work, welding
- .143 **Parts and Details**
 Wings, fuselages, control surfaces
 Includes electric and hydraulic equipment and landing gear
- .1435 **Aircraft Power Plants**
 Includes general, reciprocating, and compound engines
- .14353 **Jet and Rocket Engines, Gas Turbines**
 Rockets and interplanetary travel
- .1436 **Propellers**
- .144 **Protective and Safety Devices**
- .15 **Aircraft Instruments**
 Includes flight, navigation, engine instruments
 For Meteorological instruments, see 551.591

- 629.16 **Airports Airdromes Seadromes**
 Location Design Construction
 Includes landing aids and communications equipment
 Where interest in airports lies chiefly in communication planning, class in 711.7; if in architecture, 725.3
 For Airport administration and regulation, see 387.73
- .18 **Uses Operating Problems**
 Includes use of aircraft for crop dusting, pipe line patrol, forest patrol, prospecting, and sky writing; technical and engineering aspects of operation of airplanes for commercial air transport, e.g. airplane weight and balance problems, cargo loading, refuelling in flight, cruise control for efficiency, noise, ice prevention and removal
 For Air sports, see 797.5; Aerial photography, 778.3; Photogrammetry, 526.98
- .2 **Motor Vehicle Engineering**
 Includes registration, title, taxes, licenses, inspection, financial management; model making
 For Insurance, see 368.57; Form divisions 01-09, p. lv
- .22 **Motor Vehicles**
 Description of passenger automobiles (private, taxicabs, buses); trucks, tractors; handbooks and manuals for specific makes of cars
 For Automobiles characterized by type of motor, e.g. electric automobiles, see 629.25; Design and construction, 629.23-.27; Operation, 629.28
- .226 **Trailers**
 Description Construction
- .227 **Bicycles and Motorcycles**
 Description Operation Repair
- .23 **Motor Vehicle Production**
 Includes automotive materials; production methods, equipment, plant especially used in automobile production; testing of automobiles
 For Testing of materials, see 620.112

- 629.24 **Design and Construction of Automobiles**
Includes running gear (frame, springs, axles, wheels); transmission (clutch, change speed gear, drive shaft with universal joints, differential); control system (steering device, throttle and spark control, hand levers, foot pedals, brake system)
- .25 **Automobile Power Plants**
Includes steam, electric and internal combustion (gasoline, Diesel) engines and their parts (cylinders, pistons, bearings, valves, manifolds)
For Repair, see 629.287
- .253 **Fuel and Fuel System**
Includes carburetor
- .254 **Ignition System**
- .255 **Lubrication System**
- .256 **Cooling System**
- .26 **Automobile Body Work**
Includes trimming, finishing
- .27 **Automobile Accessories**
Includes lights, signals
- .28 **Operation of Motor Vehicles**
Includes safe driving; operation of passenger automobiles, motor trucks, tractors
For Training and testing of drivers, see 629.207; Automobiling, 796.7
- .287 **Maintenance and Repair of Motor Vehicles**
Includes greasing, lubrication, repair of all parts; service and repair manuals of specific make cars

630 AGRICULTURE

For Rural sociology, see 301.35; Form divisions .1-9, p. lv; exception .2 follows:

- 630.24 **Agricultural Chemistry**
For Specific applications, see subject, e.g. Soil chemistry, 631.41
- 631 **FARM MANAGEMENT**
For Application of following to specific products, see product, e.g. Management of truck garden farm, 635; Animal husbandry, 636-639
- .1 **Business Management of Farms**
Techniques
Includes problems of selection (location, means of communication, value), rental (share system), layout, types of farm
For Land economics, see 333; Economic theories and statistics of agricultural production, 338.1
- .16 **Financial Management of Farms**
Accounting Bookkeeping
Where interest lies chiefly in Accounting, class in 657.5
- .18 **Marketing of Farm Products**
Includes cooperative markets
For Marketing specific products, see product, e.g. Melons, 635.6; Agricultural markets, prices, 338.1
- .2 **Farm Buildings**
Where interest lies chiefly in Architecture, class in 720; e.g. Farm houses, 728.6; Outbuildings, 728.9
- 631.3-632 **SOIL AND CROP MANAGEMENT**
For Specific crop management, see crop, e.g. Wheat production in U. S., 633.1
- .3 **Farm Machinery and Equipment**
Operation Maintenance Catalogs

- 631.37 Power and Power Machinery on the Farm**
Sources of power Engines Tractors
For Rural electrification, see 338.39
- .4 Pedology**
Study of soils
Includes analysis, experimentation, surveys and classification of soils of specific localities
- .41 Chemical Composition**
- .411 Soil Mineralogy**
- .43 Physical Properties**
Includes colloidal, organic matter; moisture
- .45 Erosion Control**
Wind erosion Water erosion
Includes contour and strip planting, terracing, control of gullies with soil holding plants, crop rotation, grassed channel ways to carry off water, cover crops for seasonal practices, use of crop residues and mulches as methods of conservation, tree strips
For Economic theory, legislation, and public policy of conservation of agricultural land, see 333.76; Irrigation, 631.7; Fertilizers, 631.8
- .46 Biological Processes**
Includes nitrification and inoculation (formerly classified in 631.8472); microbiology of soils
- .5 Crop Production**
Tillage (preparation and working the soil) Propagation (increase of new plants from existing plants by planting, grafting, cuttings, layering) Growing (pruning, sheltered growing) Harvesting Storage
For Fertilizers, see 631.8; Irrigation, 631.7; Specific crop production, the crop, e.g. Corn and corn growing, 633.1; Power and power machinery, 631.37

- 631.52 Breeding**
Regulation and inspection Catalogs Seed industry
Crossing Hybridizing
Origin of new plants (new species and new varieties)
- .58 Special Methods**
Includes soil management (crop rotation and fallowing); dry land farming; soilless culture (variously called hydroponics, tank, chemical, water culture)
- .6 Drainage**
Draining of swampy or marshy ground by simple ditches and drains
For Engineering construction, see 627-628; Economic aspects, legislation, and public policy of drainage, 333.72; Reclamation which includes drainage and irrigation as major engineering or national economic problems, 628 or 333.72
- .7 Irrigation**
Distribution and storage of water by simple ditches or irrigation canals, wells or reservoirs
For Engineering construction, see 627-628; Economic aspects, legislation, and public policy, 333.72; Reclamation which includes drainage and irrigation as major engineering or national economic problems, 627 or 333.72
- .8 Fertilizers and Manures**
Source Production and manufacture Analysis Use
Control (legislation and inspection)
Includes commercial fertilizers (formerly classified in 668.6)
- .82 Minor Elements**
Includes calcium (lime), sulfur (from gypsum), magnesium, manganese, iron, boron, copper, zinc
- .83 Potash Fertilizer Materials**
Includes muriate of potash (potassium chloride), sulfate of potash, Kainit or manure salt, wood ashes, seaweed

- 631.84 **Nitrogenous Fertilizer Materials**
Includes nitrate of soda, sulfate of ammonia, dried blood, tankage, fish, muck, peat, humus, the synthetics (ammonium nitrate, cyanamid, calcium nitrate, urea and ammonia liquors)
It is recommended that **Soil inoculation and nitrification** be classified in 631.46
- .85 **Phosphoric Fertilizer Materials**
Includes rock phosphates, superphosphates or acid phosphates, basic slag, bone meal
- .86 **Manures**
Includes horse, cow, hog, poultry, sheep manures, guano (formerly classified in 631.854)
- .87 **Vegetable Manures**
Includes green manures (rye, clover, vetch, cow peas which are plowed under while still green), compost (decomposed or refuse materials, e.g. leaves, vegetable, peat moss)
- 632 **INJURIOUS FACTORS IN CROP PRODUCTION**
- | | | | |
|--------|---------------|---------|---------|
| Origin | Dissemination | Effects | Control |
|--------|---------------|---------|---------|
- Includes diseases, pests and blights
For *Injurious factors in animal husbandry*, see 636
- .1 **Elements**
Includes extremes of heat, cold; hail, wind, floods, drought
- .2 **Galls**
- .3 **Bacteria**
Includes bacterial blights (fire blight, wilt, black rot)
For *Systematic classification and discussion of bacteria*, see 589.9
- .4 **Fungi**
Includes rusts, smuts, bunts, mildews, molds, rots
For *Systematic classification and discussion of fungi*, see 589.2; *Fungicides*, 632.95

- 632.5 **Injurious Plants**
Includes injurious parasitic plants, e.g. mistletoe, dodder
- .58 **Weeds**
Includes bindweed, mesquite, prickly pear, crab grass
- .6 **Injurious Animals**
Includes birds, rodents
- .7 **Injurious Insects**
Includes grasshoppers, locusts, crickets, plant lice, scale insects, beetles, weevils, maggots, flies, midges, fleas, moths, caterpillars, ants, wasps
For *Insecticides*, see 632.95; *Systematic classification and discussion of insects*, 595.7
- .8 **Other Injurious Factors**
Includes virus infections
- .9 **Control**
Includes inspection and regulation by government; quarantine, spraying, fumigating; by natural enemies; biological control
- .95 **Preparations**
Includes fungicides, insecticides, rodenticides, herbicides, bactericides, pesticides, DDT
- 633-635 **PRODUCTION OF SPECIFIC CROPS**
- | | | |
|---------------------|-------------|-----------|
| Business management | Propagation | Varieties |
| Growing | Yield | Storage |
| | | Marketing |
- For *Crop production in general*, see 631.5; *Economic theories of agricultural production*, e.g. *Overproduction of wheat*, 338.17
- 633 **FIELD CROPS**
Plants grown in fields under an extensive system of culture
Includes forage crops when considered inclusively (pasture grasses, cereals and legumes grown for hay, pasture or silage; and root crops used for feeding livestock)

- 633.1 Cereals or Grain Crops**
Grass grown for its edible grain
Includes wheat, oats, barley, rye, corn, grain sorghum, grain flax, buckwheat, rice, seed producing millets
- .2 Pasture Grasses**
Grasses upon which animals graze or pasture
Includes blue grass and the hay grasses (redtop, orchard grass, timothy)
- .3 Pasture Legumes**
Includes alfalfa, clover, sweet clover and lespedeza
- .4 Root Crops**
Plants whose principal value is underground part which is used instead of hay
Includes true roots (sugar beets, turnips, rutabagas, stock beets) and tubers (sweet potatoes)
For Potatoes, carrots, parsnips and sweet potatoes used as vegetables, see 635.1 and .2
- .5 Fiber Crops**
Plants grown primarily for textile or other industrial uses
Includes cotton, hemp, flax
- .6 Sugar Crops**
Plants selected and developed for their sugar
Includes sugar cane, sugar beet, sorghum
For Sugar beets used for fodder, see 633.4; Sorghum as cereal, 633.1
- .7 Alkaloidal Crops**
Plants grown for use as stimulants
Includes tobacco, tea, coffee, cocoa
For Manufacture of tea, coffee, cocoa, see 663.9; of tobacco products, 679.2
- .8 Miscellaneous Field Crops**
Includes plants under extensive culture for use as flavoring; as source of oil, dye
For Herbs grown intensively in gardens, see 635.7

- 633.88 Medicinal Plants**
Includes ginseng, quinine, digitalis
- 634 FRUIT CULTURE**
Propagation Varieties Growing Yield Storage
Marketing
Includes small fruits, nuts
May be divided alphabetically by name of fruit instead of numerically as follows:
For Diseases and control, see 632
- .1 Apple Family Fruits**
Includes pear, crabapple, quince
- .2 Peach Family Fruits**
Includes plum, cherry, apricot
- .3 Citrus Family Fruits**
Includes orange, grapefruit, lime, lemon
- .4 Other Tropical Fruits**
Includes guava, papaya, mango
- .5 Nuts**
Includes walnut, butternut, hickory nut, pecan, chestnut, hazel nut, almond
- .6 Palm Family and Miscellaneous Fruits**
Includes coconut, date, olive, avocado
- .7 Small Bush or Herblike Fruits**
Includes currant, blackberry, raspberry, blueberry, cranberry, strawberry, pineapple, banana
- .8 Grapes**
Table, wine, raisin
- .9 Forestry**
Art and science of managing forests and converting the product to greatest economic and industrial service
For Form divisions 01-09, see p. iv

- 634.92 Forest Economics**
Includes physical influence of forests upon soil, water resources; their social influence upon man
- .925 Forest Policy**
Public forests Private forests
Principles which govern the administration of the forest for its best permanent use
Includes formulation of laws and policies; conservation of water, wild life, timber for future use; forage for livestock; esthetic and spiritual values; facilities for recreation
For Forests as part of natural resources conservation problem, see 333.75
- .927 Statistics of Forest Resources**
Forest resources includes forest land area together with growing stock or timber capital it carries
Includes statistics of amount and value of production; distribution, consumption of timber; forest industries
- .928 Forest and Forest Industries Management**
Personnel Business management (accounting, budgets and accounts) Preparation of plans Finance (valuation, insurance, taxation) Mensuration (determining volume of timber stands, growth and yield)
- .94 Forest Ecology or Silvics**
Reaction of individual trees and tree groups to environment
Includes site factors (light, soil, moisture, climate)
For Action of forests on environment, see 634.92
- .95 Silviculture**
Establishment, development, care and reproduction of stands of timber
Includes silvicultural systems of reproduction (selection, seed tree, clear cutting, shelterwood and coppice); improvement cutting and thinning

- 634.956 Forestation**
Establishment of forest stands
Includes seeds and seedage, planting or reforestation, nursery practice
- .96 Forest Protection**
Includes methods of protecting forests from fire; climatic influences, pests, trespass, grazing
For Bacteria, fungi, insects injurious to specific trees, see 632; Legislation, 634.925
- .97 Taxonomic Forestry**
Application of forestry principles to individual tree species
- .972 Deciduous Trees**
Includes oak, maple, poplar, chestnut, beech, birch, linden, elm
- .975 Coniferous Trees**
Includes pine, spruce, hemlock, fir, cypress, cedar, larch, sequoia
- .98 Forest Utilization**
Most profitable use of forest products
Includes logs and logging and rough uses to which wood is put (cross ties, poles, piling, posts, mine timbers), wood identification, structure, tests, properties
For Lumbering, see 674; Chemical utilization of wood and wood distillation, 668.7; Charcoal, 662.65; Wood pulp, 676.12; Wood using industries (cooperage, veneer, excelsior), 674.8; Engineering properties, 620.12
- .986 Saps**
Production of naval stores, latex, maple sap, natural gums and resins
For Manufacture or utilization of latex into rubber, see 678.5; Use of gums and resins in plastics, 668.4; Planting and growing of trees, 634.95
- .99 Other Uses of Forests**
Includes grazing and pasture use, farm woodlands

635 HORTICULTURE

Business management Propagation Varieties Growing
or culture Diseases and control Storage Marketing

Plants usually grown on a smaller scale than field crops; for food, ornament, home use, or commercial market
Includes gardening, truck gardening, home gardening, vegetable gardens, flower gardens

May be arranged alphabetically by name of vegetable instead of numerically as follows:

For Landscape gardening (design, planning, descriptions of gardens), see 712; Vegetables grown extensively as field crops or for pasture or fodder, 633

.1 Edible Roots

Includes beets, turnips, carrots, parsnips, radishes

.2 Edible Tubers and Bulbs

Includes potatoes, onions

.3 Edible Leaves, Flowers, Stems

Includes asparagus, artichokes, cabbage, Brussels sprouts

.4 Greens

Includes spinach, chard, rhubarb

.5 Salads

Includes lettuce, celery, water cress

.6 Edible Seeds and Fruits

Includes melons, squash, cucumbers, tomatoes, beans, peas, corn

.7 Condiment and Sweet Herbs

Includes mint, dill, anise, caraway, parsley

.8 Mushrooms

Includes truffles

635.9 Flower Gardening or Floriculture

Flowers and ornamental plants grown for home use or commercial market

Includes management of florist business, greenhouses, nurseries; flower shows, culture of special kinds of gardens, e.g. rock, water, tropical

For Description, planning, and use of flowers to achieve specific purpose in landscape design, see 712.62; Systematic classification and discussion of flowers, 583-589

.93 Individual Plants

Propagation Breeding Growing Diseases and control
Harvesting Marketing (packing, shipping)

Includes specific flowers, e.g. roses, orchids, asters, geraniums, ferns, grass

.931 Annuals and Biennials**.932 Perennials****.96 Plants for Home Use**

Includes house plants, window gardens, miniature gardens, use and arrangement of cut flowers

.97 Ornamental Shrubs, Vines, Trees

Includes climbers

.977 Ornamental Trees

Includes culture of trees for shade, city streets and ornamentation

For Use in landscape planning, see 715; Fruit tree culture, 634; Forest stands of trees, 634.9; Systematic classification and description of trees, 582.16

636 ANIMAL HUSBANDRY

Management Breeding Care Feeding Training
Judging Diseases and control

Includes birds, fish, bees, and animals as pets

For Scientific classification and description, see 590

.08 Techniques of Livestock Production

- 636.081 **Business Management**
Includes problems of selection of stock, finance, management of stock farms, ranches, ranges
For Ranges as problem of land use, see 333.74
- .082 **Stock Breeding**
Includes inbreeding, crossbreeding, artificial insemination, control of sex and reproduction
- .083 **Care of Stock**
Includes protection from predatory animals, extremes of climate; grooming, cleanliness, care of harness
For Architecture of stables, see 728.9; Prevention and treatment of disease, 636.089; Food, 636.085
- .085 **Nutrition**
Composition Experimentation Nutritive value
Adulteration legislation
Includes fodder, silage, commercial preparations and individual foods, e.g. hay, oats, corn (formerly classified in .086), garden crops, animal and mineral food (formerly classified in .087)
- .086 It is recommended that **Hay, Oats, Corn** be classified in .085
- .087 It is recommended that **Garden Crops, Animal and Mineral Food** be classified in .085
- .089 **Veterinary Medicine**
Veterinary medicine was formerly classified in 619
- .0891 **Anatomy**
Includes histology, embryology
For Comparative anatomy, see 591.4
- .0892 It is recommended that **Physiology** be classified in 591.1

- 636.0894 **Public Health and Preventive Medicine**
Includes laws relating to practice of veterinary medicine (veterinary jurisprudence); control and eradication of infectious livestock diseases (formerly classified in 614.9)
For Control of health hazards in milk and milk production, see 614.3
- .0895 **Therapeutics**
Treatment of disease
Includes pharmacology, posology
For Treatment of specific diseases, see disease
- .0896 **Internal and Clinical Disease**
Etiology (cause) Pathology (nature) Treatment
Includes diseases of special organs (lungs, liver, kidney); parasitic diseases; diseases due to specific infection or virus, e.g. tuberculosis, anthrax, foot and mouth disease, rinderpest, malaria
For Diseases of specific animals, see animal
- .0897 **Surgery**
Includes dentistry
- .0898 **Obstetrics**
- 636.1-636.9 PRODUCTION OF SPECIFIC ANIMALS
Selection Breeding Care Feeding
Business management Diseases and control
Showing Marketing
May be arranged alphabetically by animal instead of numerically as follows
- .1 **Horse Husbandry**
Includes Oriental, light or race, saddle, heavy or dray horses, ponies
For Horse racing, see 798.4; Horsemanship, 798.2; Horse shows, 798; Scientific description and classification, 599.72

- 636.18 **Allied Animals**
Includes mule, burro
- .2 **Cattle Husbandry**
- .21 **Beef and Dairy Cattle Production**
For Production of specific breeds, see breed, e.g. Breeding of Jerseys, 636.22; Scientific description and classification, 599.73
- .22 **English Cattle**
Includes beef breeds (Shorthorns, Hereford, Aberdeen Angus); dairy breeds (Jersey, Guernsey, Ayrshire); dual purpose breeds (Devon, English longhorns)
- .23 **German, Dutch, Swiss Cattle**
Includes beef breeds; dairy breeds (Holstein, Frisian) dual purpose breeds
- .28 **American Cattle**
Includes beef breeds (Texas longhorns); dairy breeds (Holderness)
- .29 **Allied Animals**
Includes domesticated reindeer, buffalo, camel
- .3 **Sheep, Goat Husbandry**
Sheep farm management Grazing management Preparation and marketing
Includes English, Spanish breeds; Merinos, Karakul sheep
For Scientific description and classification, see 599.73
- .39 **Goat Husbandry**
Includes milk goats and goats produced for wool
- .4 **Swine Husbandry**
Production of swine for meat, shortening
For Scientific description and classification, see 599.73
- .5 **Poultry Husbandry**
Production of poultry and eggs, marketing
Includes Leghorns, Rhode Island Reds, Bantams
For Scientific description and classification, see 598.2

- 636.59 **Other Fowl**
Includes turkey, guinea, pheasant, pigeon, duck, goose, quail and other game birds
- .6 **Aviculture**
Production of birds useful for plumage; pets
Includes canary, finch, parrot
For Scientific description and classification of birds, see 598.2
- .7 **Dogs**
Selection Breeding Care Feeding Training
Diseases and control
For Scientific description and classification of dogs, see 599.744
- .71 **Breeds**
Includes setter, wolfhound, terrier
For Emphasis upon use of dog, see .72-.76
- .72 **Working Dogs**
- .74 **Watch and Herd Dogs**
Includes Seeing eye dogs
- .75 **Hunting Dogs**
- .76 **Pet Dogs**
- .77 **Pictures and Illustrations of Dogs**
For Painting of dogs, see 758
- .78 It is recommended that **Essays, Stories of Dogs** be classified in 800
- .8 **Cats**
- .87 **Pictures and Illustrations of Cats**
For Painting of cats, see 758; Scientific description and classification of cats, 599.744
- .88 It is recommended that **Essays, Stories of Cats** be classified in 800

- 636.9 **Other Animal Production**
Includes mink, fox, rabbit and other animals raised for fur (fur farming); hamster, rats and mice for scientific experiments
- 637 **DAIRY INDUSTRY**
Management Production Analysis Testing Marketing
- .1 **Milk and Cream Industry**
- .11 **Business Management**
Includes accounting, prices
- .12 **Production**
Includes dairy practices, analysis and testing
- .13 **Care of Milk**
Includes sanitation in handling; apparatus and supplies; preservation by chilling, heating, pasteurizing; transportation
- .14 **Utilization**
Includes dry, condensed, fermented and evaporated milk
For Ice cream industry, see 664.15
- .17 **Other Milk**
Includes goat milk
- .18 **Milk Substitutes**
- .2 **Butter Industry**
Management Production Analysis Testing Marketing
For Butter substitutes, see 664.3
- .3 **Cheese Industry**
Management Production Analysis Testing Vari-
etics Marketing
- 638 **BEE, SILKWORM CULTURE**
- .1 **Beekeeping or Apiculture**
- .11 **Management**
Includes finances, selection of stock

- 638.12 **Bees**
Includes anatomy, physiology, habits, varieties
For Scientific description and classification of bees, see 595.799
- .13 **Food**
- .14 **Hive Management**
Includes handling beehives (breeding, swarming control), diseases
- .16 **Honey Production**
Composition Preparation Varieties Marketing
- .2 **Silkworm Culture or Sericulture**
- 639 **HUNTING FISHING INDUSTRIES**
Includes sponge and coral fisheries
For Hunting and fishing as sport, see 799; Conservation of wild life, 333.78
- .1 **Hunting Industries**
Trapping animals for food and fur
For Hunting as sport, see 799.2; Fur farming, 636.9; Conservation of wild life, 333.78
- .2 **Fishing, Sealing, Whaling Industries**
For Fishing as sport, see 799.1; Conservation of wild life, 333.78
- .21 **Fresh Water Fisheries**
Fisheries are considered both as fishing industry and places where fish may be caught
For Specific fishery, see 639.27; Preservation of fish, 664.9
- .22 **Salt Water Fisheries**
For Specific fishery, see 639.27
- .27 **Individual Fisheries**
Includes salmon, herring, halibut, cod
For Scientific description and classification of fish, see 597
- .28 **Whaling**

- 639.29 **Sealing**
- .3 **Fish Culture**
 Management Breeding Carc Diseases and control
 Includes hatcheries, stocking of fresh water and salt water
- .37 **Individual Fish Culture**
 Includes goldfish, frogs
- .4 **Shell Fisheries**
 Management Culture Diseases and control
- .41 **Oysters and Clams**
- .5 **Lobster Fisheries**
 Includes crabs and other crustaceans

640 HOME ECONOMICS

Art and science of homemaking Activities in field of home economies

- 641 **FOOD**
- .01 **Epicurism**
 Includes pleasure of eating; esthetics of cookery, epicures, gourmets
- .1 **Nutrition and Dietetics**
 Applied nutrition
 Includes nutrients required to meet body needs, their proportion in various foods, application of principles of nutrition in diet control
 For *Laboratory techniques and methods of chemical analysis*, see 543.1; *Dietotherapy*, 615.85
- .3 **Food Selection and Buying**
 Quality, cost, and other factors in buying food
- .4 **Home Preservation of Food**
 For *Commercial methods of food preservation*, see 664.8
- .5 **Food Preparation**
 Includes cook books, general recipes, and specific directions
- .56 **Special Cookery**
 Cookery for children and invalids, vegetarian recipes, religious food observances, wartime cookery
- .57 **Quantity Cookery**
 Hotel and restaurant cookery, army and navy cookery, ship-board cookery
- .578 **Outdoor Cookery**
- .58 **Cooking with Special Apparatus and Utensils**
 Includes pressure cookery, casserole cookery
- .59 **National Cookery**
 Recipes for dishes characteristic of special regions

- 641.6 **Preparation of Specific Foodstuffs**
Includes herb cookery, breadmaking, wine cookery
For Commercial baking, see 664.75
- .8 **Composite Dishes**
For Beverages, see 663
- .81 **Sauces, Relishes, Appetizers**
- .83 **Salads**
- .84 **Sandwiches**
- .85 **Confectionery**
Candies, sweets, bonbons
For Commercial manufacture of confectionery, see 664.15
- .86 **Ice Cream**
Includes ices, sherbets, puddings
For Commercial manufacture of ice cream, see 664.15
- 642 **DINING AND ENTERTAINING**
- .1 **Menus**
Meal planning
- .4 **Entertaining**
Refreshments for luncheons, dinners, receptions, buffet sup-
pers, banquets, teas
- .47 **Catering**
- .5 **Table Systems**
Table d'hote, à la carte, and other systems of serving large
numbers
- .6 **Table Service**
Setting the table, carving, serving, changing courses
- .7 **Table Furnishings**
Linen, china, silver, crystal

- 643 **HOME PLANNING**
Location and arrangement of the home for convenient and eco-
nomic administration
For Domestic architecture, see 728; Building, 690; Interior
decoration, 747
- .3 **Kitchen**
Planning for convenience: location, arrangement, equipment
- .4 **Dining Room**
- .5 **Other Special Rooms**
Bathroom, laundry
- .6 **Household Appliances**
Electrical appliances
- .7 **Household Repair**
- 644 It is recommended that **HOUSEHOLD HEATING** and
VENTILATION be classified in 697; **LIGHTING** in
621.32
- 645 It is recommended that **HOUSE FURNISHING** be
classified in **INTERIOR DECORATION**, 747
- 646 **CLOTHING AND PERSONAL APPEARANCE**
For Costume, see 391; Apparel manufacturing, dress design,
fashion modeling, 687
- .01 **Fashions**
- .2 **Needlework**
Sewing Mending Darning Knitting Crocheting
Tatting Embroidery
- .3 **Clothing Selection and Buying**
Guides to quality, workmanship
- .4 **Clothing Construction**
Directions to amateurs for cutting and fitting, remodeling,
pattern making for various types of clothing and accessories
for men, women, and children
For Ready-made clothing and tailoring, see 687.1

- 646.5 **Millinery**
 Hat making at home
For Commercial millinery, see 687
- .6 **Care of Clothing**
 Home care of clothing: cleaning, dyeing, spotting
For Commercial dry cleaning, see 667.12; Commercial dyeing, 667.2; Home laundering, 648.1
- .7 **Care of Personal Appearance**
- .72 **Beauty Shops**
- .73 **Cosmetics and Skin Care**
For Cosmetic manufacture, see 668.5
- .74 **Hairdressing and Barbering**
- .75 **Manicure and Massage**
- 647 **HOUSEHOLD ORGANIZATION AND ADMINISTRATION**
- .1 **Household Financial Plan**
 Includes budgets, finances, costs, shopping and buying for the home
For Food selection and buying, see 641.3; Clothing selection and buying, 646.3
- .2 **Household Employees**
 Selection, training, duties of housekeeper, hostess, cook, butler, maid, waitress, laundress, janitor, gardener
- .9 **Institution Management**
- .92 **Apartment House Management**
- .94 **Hotel Management**
 Includes inns, taverns, hostels, clubs
- .95 **Restaurant Management**
 Includes cafeterias, tea rooms, canteens, soda fountains, bars
- .96 **Care of Public Buildings**

- 647.97 **Tourist Accommodation Management**
 Includes tourist and trailer camps, tourist homes, motor courts
- 648 **HOUSEHOLD SANITATION**
- .1 **Home Laundering**
 Home processes, equipment, supplies
For Home processes of dry cleaning, see 646.6; Commercial laundering, 667.13
- .5 **House Cleaning**
 Sweeping, dusting, polishing, dishwashing
- .7 **Household Pests**
 Control and eradication
- 649 **HOME CARE OF CHILDREN AND HOME NURSING**
- .1 **Child Care**
 Guides for parents on care and training of infants and children, their growth and development, management
For Child psychology, see 136.7
- .8 **Home Nursing**
 Home care of the sick, invalids, and infirm
For Pediatrics, see 618.9; Geriatrics, 618.97

650 BUSINESS AND BUSINESS METHODS

For Form divisions .1-9, see p. lv

651 OFFICE MANAGEMENT

Principles Methods

Includes all types of offices

For Typewriting, see 652.3; Shorthand, 653; Accounting, 657; Business management, 658

.02 Handbooks of Secretarial Practice

For Commercial correspondence, see 651.7

.1 Office Planning

Location Layout Physical factors: lighting, heating, air conditioning

For Architecture of office buildings, see 725.2

.2 Office Equipment

Furniture Fixtures Furnishings

.26 Appliances

Communicating equipment Dictating and recording machines Adding and calculating machines Billing and bookkeeping machines Statistical equipment and other mechanical or electronic devices for sorting and tabulating, e.g. Hollerith, I.B.M.

For Typewriter, see 652.3; Vari-Typer, 652.3; Duplicating equipment, 652.4; Shorthand machines, 653.3

.3 Office Organization

Branches Departments

It is recommended that Personnel management of office employees be classified in 658.3; Vocational guidance information in 371.425

.4 Office Administration

Office efficiency
Includes executive control

308

651.5 Office Files

Form Procedure Treatment: filing, indexing, and preservation

.6 Special Material

Includes printed form sample files

.7 Commercial Correspondence

Letters Minutes Reports

Includes business English and style

652 WRITING

.1 Handwriting

For Methods of teaching handwriting in elementary schools, see 372.51

.3 Typewriting

Includes typewriter, Vari-Typer

For Vari-Typer in composition, see 655.28

.4 Duplicating

Includes equipment, e.g. Mimeograph, Multigraph; stencil work

.8 Cryptography

Includes ciphers, codes

For Telegraphic codes, see 621.382

653 SHORTHAND

For Dictating and recording machines, see 651.26

.1 Principles and Theories of Shorthand

Legibility, reading, brevity, writing, speed, simplicity, remembering, applications, usefulness, and other aspects

.2 Abbreviation Systems

Abbreviation systems using common characters only, omitting silent letters, vowels, e.g. notehand, brief longhand

.3 Machine Shorthand

Machines imprinting characters on paper, e.g. Stenotype, Stenograph, Dictatype

- 653.4 **Shorthand Systems**
Cutter numbers may be used to arrange systems alphabetically, e.g. Gregg shorthand, 653.4 G819 Manuals, readers, speed tests may be kept together within each system by using lower case initials following Cutter number, e.g. Gregg shorthand reader, 653.4 G819r If desirable, 653.4 may be divided like 420-499 to classify shorthand systems before applying Cutter number, e.g. Gregg shorthand in French, 653.44 G819
- 654 It is recommended that **COMMUNICATION** be classified in **384**; **ELECTRIC COMMUNICATION ENGINEERING** in **621.38**
- 655 **GRAPHIC ARTS INDUSTRIES**
Printing Production (copyright, publishing and selling products of literary and artistic expression)
Includes management and operation of printing plants
For Production of prints produced in limited edition, by hand by the original artist, see 760-767; Book illustration, 741.6; Form divisions .01-.08, p. 000; .09 is not used
- 655.1-655.3 **PRINTING INDUSTRY**
History Principles Processes
- .1 **Printing**
Invention of printing from movable type
- .2 **Type Composition Typography**
Includes proofreading
It is recommended that **Electrotyping** and **Stereotyping** be classified in **655.3**
- .24 **Type Faces**
Design Styles
Includes specimen books
- .25 **Typography**
Art of designing the printed page

- 655.28 **Composition**
Typesetting by hand or machine Linotype Intertype
Monotype Composition by photography, typewriter, Vari-Typer
- .3 **Processes**
Letterpress Lithography and offset lithography Gravure
Silk screen
Includes printing from metal type; electrotypes or stereotypes (formerly classified in 655.22); from flat stone, zinc or other surfaces; or from etched or engraved steel or copper plates
- .32 **Photomechanical Techniques**
Plate making by zinc or copper photoengraving (cuts, halftones) Photo offset Photogravure Photogelatin or colotype Process color printing
Photoengraving was formerly classified in 777; Photolithography (photo offset), 775; Photogelatin, 774
- .4 **Book Production**
Includes history and art of book making; history of publishing houses and presses; of book stores
History of book making was formerly classified in 002
For Printing, see 655.1-655.3
- .45 **Binding**
Formerly classified in 686
- .5 **Publishing and Bookselling**
Includes author-publisher relationships, pricing and marketing by publisher, subscription publishing, book clubs
- .56 **Bookselling**
Organization Management Operation
Includes retail book shops, auctions, secondhand book shops, the out-of-print market

- 655.6 **Copyright**
 History Law Practice
 Protection of original literary, artistic or musical expression
 Includes books, periodicals, newspapers, lectures, sermons,
 drama, music, motion pictures, design, architecture, draw-
 ings, maps, photographs
- .63 **International Copyright**
- 656 It is recommended that **TRANSPORTATION** be classi-
 fied in 385-388
- 657 **ACCOUNTING**
 Principles Procedures Aids Forms, e.g. card, loose
 sheet, machine and punched card
 For Managerial use of accounts and statements, see 658.15
- .2 **Bookkeeping**
 Single entry, double entry, debit and credit, posting, balancing,
 adjusting and closing
- .3 **Accounts and Statements**
 Adjustment accounts, profit and loss, balance sheet, deprecia-
 tion, good will, liquidation, realization
- .4 **Cost Accounting**
 Factory and distribution cost finding Standard costs
- .5 **Accounting Systems**
 Private, financial, commercial, industrial, governmental
 Where interest in an accounting system lies chiefly in its
 relation to subject, class in subject, e.g. Farm accounting,
 631.16
- .6 **Auditing and Public Accounting**
 Internal and public auditing CPA practice Tax ac-
 counting
 Includes fraud detection

- 658 **BUSINESS MANAGEMENT**
 Policies Methods Operations
 For Labor and labor problems, see 331; Office management,
 651; Accounting, 657; Advertising, publicity and public rela-
 tions, 659.1
- .01 **Theory Industrial Efficiency**
- .1 **Establishing a Business**
 Preliminary planning Form of ownership, e.g. proprietor-
 ship, partnership, corporation
 For Entrepreneurship, see 338.7
- .14 **Finance**
 Provision of capital
- .15 **Financial Management**
 Managerial use of devices that serve as guides to successful
 business operation, e.g. profit and loss statement, balance
 sheet, budget, cost records
- .16 **Internal Organization**
 Military Line and staff Functional
- .2 **Plant**
 Geographical location Local site Layout Equipment
 Facilities Physical factors, e.g. lighting, heating, air con-
 ditioning
 For Engineering aspects of plant establishment, see 621.7;
 Construction, 690; Architecture, 725.2 and .4; Office ar-
 rangement and equipment, 651.1-.2; Industrial city plan-
 ning, 711.45; Industrial center planning, 711.55
- .3 **Personnel Management**
 Includes personnel department; office employees (formerly
 classified in 651.34)
- .31 **Employment Practices**
- .311 **Selection of Workers**
 Employment agencies Employee applications In-
 terviews Tests Selection Placement
 For Labor supply and demand, see 331.11

- 658.312 **Personnel Maintenance**
Follow-up Promotion Transfer
- .313 **Termination of Service**
Lay-off Discharge Retirement Exit interviews
For Unemployment, see 331.13
- .315 **Employer-employee Cooperation**
Employee representation in management Adjustment
of individual grievances Suggestion systems
- .32 **Salary Administration**
Methods of compensation Job analysis (formerly classi-
fied in 658.511), classification, evaluation Merit rating
Use of incentives Compensation plans Payroll ad-
ministration
- .38 **Conditions of Employment**
- .381 **Work Schedules**
Includes hours, vacations, absenteeism
- .382 **Employee Welfare**
Includes health and safety programs, plant conveniences
- .386 **Employee Training**
Includes job instruction, executive and foremanship train-
ing, manuals
- .5 **Factory Management and Production**
- .51 **Production Control**
Routing Scheduling Dispatching Simplification
and standardization of products and materials
- .511 It is recommended that **Job Analysis** be classified in
658.32
- .54 **Operation Studies**
Time Motion Fatigue
- .56 **Factory Organization and Control**
Methods Instructions Inspection Quality control
Waste

- 658.57 **Industrial Research**
Includes research and development departments
- .58 **Factory Maintenance**
Maintenance of machinery and equipment
- .7 **Purchasing Warehousing Shipping**
Buying Classification and control Inspection Stor-
ing Maintenance Handling equipment Stock con-
trol Packing Shipment or delivery
- .8 **Distribution**
- .801 It is recommended that **Psychology of Salesmanship** be
classified in 658.85
- .81 **Sales Organization**
Includes organization and operation of sales department
- .83 **Market Research and Analysis**
Consumer, distributor, media, product, package research
- .84 **Trade Channels**
- .85 **Salesmanship**
Includes psychology (formerly classified in 658.801) and
techniques of selling
- .851 **Salesmanship in Special Businesses** (formerly classi-
fied in 658.89)
- .86 **Wholesale Trade**
Service wholesalers Export and import houses Func-
tional wholesalers
- .87 **Retail Trade**
- .871 **Department Stores**
- .872 **Mail Order Houses**
- .873 **Chain Stores**
- .874 **Independent Stores**
- .88 **Credit and Collections**
Includes installment buying

- 658.89 It is recommended that **Salesmanship in Special Businesses** be classified in 658.851
- .9 It is recommended that **Management of Specific Businesses** be classified in number for the business, e.g. **Management of Bakeries, 664.75; Shop Management, 621.7**
- 659.1 **Advertising, Publicity and Public Relations**
Theory Psychology Ethics Research Laws and legislation
For Market research and analysis, see 658.83; Advertising for specific business, the business
- .11 **Organization of Advertising**
Includes advertising agencies, managers, departments, financial management and accounting; preparation of advertising campaigns; marketing and merchandising of advertising
- .111 **Publicity and Public Relations**
Includes news releases, news pictures, charts and drawings, picture stories, feature articles
- .12 **Packaging and Labeling**
Use of means of identification (trade marks and names, letterheads, labels, slogans) and containers and wrappings as a means of advertising
- .13 **Media and Techniques of Advertising**
Includes copy writing, layout, advertising typography, use of color in advertising, copy testing
For Commercial art, see 741.67; Printing techniques, 655.3
- .132 **Newspaper and Magazine Advertising**
Includes rates and circulation, space selection, classified ads
- .133 **Direct Advertising**
Includes circulars, letters, folders, catalogs, broadsides, blotters, calendars, company publications for dealers, customers and prospects; mailing lists

- 659.134 **Outdoor and Transportation Advertising**
Includes billboards, signs, car cards and posters
For Design and drawing of posters, see 741.67
- .14 **Audio-visual Advertising**
Includes use of radio, television, motion pictures in advertising
- .15 **Display Advertising**
Includes window and show case display; shows (fashion, motor)

660-670 MANUFACTURES

Originally 660 was intended for processes that were primarily chemical; 670 for those that were mechanical and physical. However, the growing use of chemical processes has so modified the character of 670 as to leave little distinction between 660 and 670. For Manufactures not included in 660 and 670, see 680

660 CHEMICAL TECHNOLOGY INDUSTRIAL CHEMISTRY

Includes materials of chemical technology; raw materials, waste materials, and their utilization

For Salvage of waste materials, see 679; form divisions .1-9, p. iv, exceptions .28 and .29 follow:

660.28

Chemical Engineering

Plant Practices Equipment

Includes industrial stoichiometry; chemical engineering calculations, unit operations, absorption and extraction, adsorption, crushing and grinding, distillation, drying, humidification, dehumidification, evaporation, fluid flow, filtration, heat transfer

Unit chemical reactions: alkylation, fermentation, hydrogenation, oxidation, reduction

.29

Industrial Electrochemistry

For Specific application of electrochemistry, see material, e.g. Utilization of electric energy in production of industrial chemicals, 661; Electroplating, 671.73

661

INDUSTRIAL CHEMICALS

Production Properties Tests Utilization

Includes chemicals used as raw materials or as agents in manufacture of chemicals and other types of products; industrial reagents

For Chemicals manufactured for specific use, see specific number, e.g. Detergents, 668.1; Coal and coal tar chemicals, 662.628

318

319

Applied Science

661.2-662.2

661.2

Acids Alkalies Salts

Acids: Sulphuric, hydrochloric, nitric, hydrofluoric, phosphoric
Alkalies (formerly classified in 661.3): caustic soda (sodium hydroxide), caustic potash (potassium hydroxide) ammonium hydroxide

Salts (formerly classified in 661.4-6-7): chlorides, nitrates, nitrites, fluorides, phosphates, silicates, cyanides, sulfates

.3

It is recommended that **Alkalies** be classified in 661.2

.4

It is recommended that **Salts** be classified in 661.2

.6

It is recommended that **Sulfates** and **Nitrates** be classified in 661.2

.7

It is recommended that **Cyanides** be classified in 661.2

.8

Organic Compounds

Alcohols, aldehydes, esters, ethers, ketones, organic acids
Includes solvents

For Coal tar solvents, see 662.628

.9

Compressed and Liquefied Industrial Gases

Manufacture Utilization

Industrial gases: Acetylene, chlorine, fluorine, hydrogen, hydrogen sulfide, helium, argon, neon, krypton, xenon, nitrogen, oxygen, sulfur dioxide, carbon dioxide, solid carbon dioxide, "dry ice," ammonia ozone

Includes chemicals in gaseous form, their compression and liquefaction; gas containers, cylinders

For Technology of natural and manufactured gas, see 665.7; Gaseous fuels, 662.67

662

EXPLOSIVES FUEL TECHNOLOGY INDUSTRIAL CARBONS

.1

Fireworks

.2

Explosives

Manufacture Testing Properties Storage Handling
Transportation Use

For Applications, see specific subject, e.g. Mining, 622.23; Ammunition, 623.452

- 662.26 **Deflagrating Explosives Burning Explosives Pro-
pellants**
Includes black powder, gunpowder (formerly classified in 662.3), nitro-cellulose, smokeless powder
- .27 **High Explosives Detonating Compositions**
Includes ammonium nitrate, ammonium picrate, chlorate, dynamite, lead azide, mercury fulminate, nitroglycerin, nitrostarch explosives, RDX (cyclonite or hexogen), tetryl, TNT (trinitrotolucne)
- .28 **Blasting Caps Detonators Primers Fuse**
Fuse was formerly classified in 662.4
- .3 It is recommended that **Gunpowder** be classified in 662.26
- .4 It is recommended that **Fuse** be classified in 662.28
- .6 **Fuel Technology**
Includes solid, liquid, gaseous fuels
- .62 **Coal Technology**
- .622 **Analysis Properties and Testing**
Includes classification, chemical and physical properties, composition, constitution, structure, hardness; tests and testing methods
- .623 **Preparation and Treatment**
Materials, processes, equipment used in cleaning, drying, grinding, sizing
- .624 **Storage and Transportation**
- .625 **Utilization**
General utilization and development of coal products
Includes coal as fuel; combustion, carbonization, hydrogenation and liquefaction of coal

For Production of coke from coal, see 662.64; Liquid fuel produced from coal, 662.66; Gas produced from coal, 665.77; Chemicals produced from coal, 662.628

- 662.627 **Coal Tar**
Distillation Utilization
Coal tar was formerly classified in 668.7
For Coal tar products, see specific product, e.g. Coal tar dyes, 667.2
- .628 **Coal and Coal Tar Chemicals**
Includes benzene, toluene, wood preserving oils, solvent naphtha, naphthalene
- .64 **Coke**
Production Properties Utilization
Coke was formerly classified in 662.7
For Gashouse coke and petroleum coke, see 662.65
- .65 **Other Solid Fuels**
Includes bagasse, briquettes, charcoal, gashouse coke, petroleum coke, lignite, peat, wood, sawdust
- .66 **Liquid Fuels**
Materials Processes Equipment Properties
Tests Utilization
Production of liquid fuels from coal, farm produce, gas, waste, wood
Includes combustion, rocket fuel
For Petroleum fuels, see 665.5
- .67 **Gaseous Fuels**
Includes fuel properties of gases, tests for fuel properties; utilization of gases as fuels; combustion of gases
- .7 It is recommended that **Coke** be classified in 662.64 and **Charcoal** in 662.65
- .9 **Industrial Carbons (Non-Fuels)**
Production Properties Application Utilization
- .92 **Graphite**
Includes graphite products, pipe, brushes
For specific products see specific numbers, e.g. Graphite foundry equipment, 671.22

- 662.93 **Adsorbent Carbons**
Includes activated carbons, animal black, bone char, carbon black, charcoals, decolorizing carbons, lampblack
For Applications, see specific number, e.g. Application of carbon black in rubber manufactures, 678.23; Industrial diamonds used in machine tools, 621.9
- 663 **BEVERAGES**
Materials Apparatus Processes Gaging Testing
Bottling
- 663.1 **Fermented Beverages**
Liquor fermented from grapes, other fruits, grains
- .2 **Wine and Winemaking**
Includes grape and other fruit wines, e.g. cider, perry
For Culinary uses of wine, see 641.6
- .4 **Beer and Brewing**
Includes beer, ale, porter, stout
- .5 **Distilled Beverages**
Includes brandy, whiskey, rum, gin, liqueurs, other spirits
- .6 **Non-alcoholic Beverages**
- .62 **Carbonated Beverages**
- .63 **Fruit and Vegetable Juices**
- .8 **Cocktails and Other Mixed Drinks**
Bartenders' manuals and recipes
- .9 **Chocolate and Cocoa Industry Tea and Coffee Manu-
facture**
- 664 **FOOD MANUFACTURE AND PROCESSING**
Materials Machinery Processes Testing
Commercial manufacture or preparation of foods
For Home preparation of food, see 641; Agricultural production of foods, 630; Economic aspects of food manufacture and processing, 338.47; Chemical analysis of food, 543.1; Food adulteration, 614.3

- 664.1 **Sugar**
Sugars and sirups (cane, beet, maple)
Includes other sugars, c.g. glucosc, dextrose
- .15 **Confectionery**
Includes candy, ice cream
For Candy making at home, see 641.85; Ice cream made at home, 641.86
- .2 **Starch and Pectin**
Includes cornstarch, tapioca, arrowroot
- .3 **Edible Fats and Oils**
Includes margarine, salad oils, lard
For Butter, see 637.2; Other fats and oils, 665.2-.3
- .4 **Mineral Foods**
Includes salt
- .5 **Flavor Aids**
Includes spices, condiments, flavoring extracts, vinegar
- .6 **Leavening Agents and Baking Aids**
Includes yeast, baking powder, cream of tartar
- .7 **Cereals and Cereal Flour**
- .72 **Flour Milling**
Includes processing of breakfast foods
- .75 **Flour Products**
Includes bakeries and bakery products, e.g. bread, crackers, cakes; macaroni, spaghetti, vermicelli
For Baking at home, see 641.6
- .8 **Food Preservation**
Processes and apparatus for commercial preservation of fruits, vegetables, meats, seafoods, concentrated foods, other specialties
For Home preservation of foods, see 641.4
- .82 **Canning of Foods**
- .83 **Jellying and Preserving**
- .84 **Drying and Dehydration of Foods**

- 664.85 **Frozen Foods**
Includes refrigeration, locker storage, cold storage
- .9 **Meat Packing Industry**
Includes packing of meat, fish, and poultry; products manufactured from them
- 665 **LUBRICANTS, PETROLEUM TECHNOLOGY**
- .2 **Animal Oils and Fats**
- .3 **Vegetable Oils and Fats**
- .4 **Mineral Oils and Fats**
Includes paraffin, ozocerite, asphalt, shale oil
- .5 **Petroleum Technology**
Includes petroleum and petroleum products
For Extraction of petroleum, see 622.338
- .52 **Properties Analysis and Testing**
Includes chemical and physical properties (composition, structure, viscosity); tests and testing methods
- .53 **Refining of Petroleum Manufacture of Petroleum Products**
Materials, processes, equipment used in refining operations (distillation, cracking, chemical treatment, purification, blending)
Includes petroleum refineries
Light distillates include gasoline and other motor fuels, e.g. aviation, motor, tractor, and Diesel fuels; kerosene, naphthas
Heavy distillates and residuums include bunker fuels, gas oil, fuel oil, road oils, waxes
- .54 **Storage and Transportation**
Includes distribution, pumping systems, meters
- .55 **Utilization**
Includes petroleum as fuel, chemical utilization of petroleum not otherwise classified
For Gas produced from petroleum, see 665.77; Petroleum coke, 662.65

- 665.7 **Natural and Manufactured Gas Technology**
Includes methane gas
For Extraction of natural gas, see 622.338; Industrial gases, 661.9
- .72 **Properties Analysis and Testing**
Includes chemical and physical properties, tests and testing methods
- .73 **Treatment**
Includes materials, processes, equipment used in bottling, cleaning, compression, conversion, drying, mixing, purification
- .74 **Storage and Transportation**
Includes transmission and distribution (gas gathering lines, pipe lines, pumping systems, compressors, meters, mains); storage of natural or methane gas in liquid form
- .75 **Utilization**
For Gashouse coke, see 662.65; Liquid fuels produced from gas, 662.66; Gaseous fuels, 662.67
- .77 **Production of Manufactured Gas**
Processes Equipment Plants
Includes gas produced from coal (city gas, coal gas, coke oven gas, blast furnace gas, producer gas, water gas, carbureted water gas); gas produced from petroleum (oil gas, refinery gas, reformed refinery gas); liquid gas produced from petroleum (butane, propane, pentane, butane mixtures); gas produced from natural gas (reformed natural gas); liquid gas produced from natural gas (butane, propane, pentane); synthesis gas (gas produced from coal and coke, natural gas, petroleum, alcohol)
- 666 **CERAMIC TECHNOLOGY**
Manufacture Properties Tests Utilization
- .1 **Glass**
Constitution Properties Testing Types Application Products
For Optical glass, see applications, e.g. Spectacles, 617.7; Telescopes, 522.2; Engineering properties of glass, 620.14

- 666.2 **Enamels and Enameling**
 Vitreous enamels Porcelain enamels Ceramic coatings
 Includes enameling of metals and enameled metals
- .3 **Ceramic Whiteware**
 Includes porcelain (formerly classified in 666.5); stoneware, earthenware and pottery (formerly classified in 666.6); terra cotta
For Collection, identification of fine porcelain, see 738.2; Earthenware, 738.3
- .32 **Clay**
 Includes preparation, composition, properties
 Clay was formerly classified in 666.4
- .4 It is recommended that **Clay** be classified in 666.32
- .5 It is recommended that **Porcelain** be classified in 666.3
- .6 It is recommended that **Stoneware** be classified in 666.3
- .7 **Refractories Structural Clay Products**
- .72 **Refractories**
 Includes fire-clays, alumina, graphite, zirconia, chrome refractories
For Refractories applied to specific use, see specific use, e.g. Refractories used in metallurgical furnaces, 669.82
- .73 **Structural Clay Products**
 Includes bricks and tiles
For Engineering properties of brick and tile, see 620.14
- .8 **Artificial Stone**
- .9 **Cements Limes Mortars**
- 667 **CLEANING AND BLEACHING DYEING**
 Materials Plant Processes Equipment
- .1 **Commercial Process Cleaning and Bleaching**

- 667.12 **Dry Cleaning**
 Includes textiles, garments, rugs, furs, hats, leathers, household articles
For Home dry cleaning, see 646.6
- .13 **Laundering**
For Soaps, detergents, wetting agents, see 668.1; Home laundering, 648.1
- .14 **Bleaching Practice**
 Includes wool, silk, cotton, linen
- .2 **Commercial Process Dyeing**
 Manufacture, properties and testing of dyes and their application
 Includes dyes, mordants, intermediates, and developers; applications on fibers, e.g. wool, silk, cotton; textiles, rugs, furs, garments
For Coloring of furs as part of fur dressing, see 675.3; Home dyeing processes, 646.6
- .3 **Printing of Textiles**
- .4 **Inks**
 Includes writing inks, indelible inks
- .6 **Paints and Pigments**
For House painting, see 698.1; Fine arts materials and methods of painting, 751
- .7 **Varnishes Polish Lacquer**
For Varnishing, see 698.3
- .8 **Japan Blacking**
- 668 **OTHER ORGANIC CHEMICAL MATERIALS AND PRODUCTS**
- .1 **Surface Active Agents**
 Soaps, detergents, wetting agents, emulsifiers, scouring powders
 Includes abrasives
For Abrasives used in machine tools, see 621.92
- .2 **Glycerine**
- .3 **Gelatin Glue and other Adhesives**

- 668.4 **Plastics Industries Resins Gums**
- .41 **Techniques**
Includes materials used in manufacture of plastics; apparatus and machinery (presses, molds); processes of manufacture (molding, extrusion, casting, laminating products and applications) properties, testing methods and equipment
For Techniques of specific plastics, see plastics, e.g. Tests of Styron products, 668.423
- .42 **Plastics Made from Synthetic Resins**
- .422 **Condensation Plastics**
Includes phenolics, alkyds, organic nitrogen resins (urea-formaldehyde and melamine-formaldehyde); organic sulfur resins and silicones
Trade names include Bakelite, Durez, Durite, Resinox, Beetle, Plaskon, Melmac, Catalin, Malamine, Cibanite, Dilectene
- .423 **Linear Polymer Plastics (Except Fibers)**
Includes polyvinyl alcohols and esters; polyethylene, nylon, polyacrylic, polyolefin, polyaromatic plastics
Trade names include Vinylite, Lucite, Butacite, Plexiglas, Loalin and Styron
For Fibers (Nylou, Vinyon, Orlon), see 677.47
- .43 **Plastics (Except Fibers) Made from Protein**
Includes casein, soybean and zein plastics
Trade names include Ameroid and Galorn
For Fibers (Aralac), see 677.47
- .44 **Plastics (Except Filaments and Fibers) Made from Cellulose**
Includes cellulose esters (cellulose nitrate, acetate, propionate, butyrate); cellulose ethers (methyl, ethyl and benzyl cellulose); regenerated cellulose (cellophane)
Trade names include Amerith, Pyralin, Lumarith, Tcnite, Kodapak, Celluloid (formerly classified in 679)
For Fibers (Celanese, Bemberg), see 677.46

- 668.45 **Plastics Made from Natural Resins**
Includes vegetable resins (lignin, resin); animal and mineral resins; shellac as a plastic
Trade names include Lignolite
For Shellac as varnish, see 667.7
- .47 **Resins and Gums Not Used in Plastics**
For Resin used as naval store, see 634.986
- .5 **Cosmetics**
Includes essences, perfumery, essential oils and ethers
- .6 It is recommended that **Fertilizers** be classified with **Agriculture, 631.8**
- .7 **Chemical Utilization of Wood**
Includes wood distillation
It is recommended that Coal tar be classified in 662.627
For Charcoal as fuel, see 662.65; Use in pigments, 667.6
- 669 **METALLURGY**
Includes general material on alloys, scrap metal; history of metals
For Collection and classification of scrap metal, see 671.9
- .016 **Metallography**
Constitution and structure of metals
Includes analysis and testing, properties
For Engineering properties of metals, see 620.17-.18
- .018 **Heat Treatment and Hardening of Metals**
For Surface hardening, see 671.7

669.1-669.7 METALLURGY OF INDIVIDUAL METALS

May be divided by using the following subdivisions:

- 4 Production Reduction and refining 6 Metallurgy Constitution and structure, analysis and testing, properties 8 Heat treatment Hardening e.g. Refining of silver, 669.234; Metallurgy of copper, 669.36; Heat treatment of aluminum alloys, 669.7228
- .1 Iron and Steel Iron Alloys
- .14 Production of Iron and Steel Reduction and Refining
- .141 Iron and Iron Alloys
Includes pig iron (blast furnace practice); cast iron (furnace practice); wrought iron (puddling and other practices); other kinds of iron (iron powder, sponge iron) other practices
- .142 Steel and Alloy Steels
Includes Bessemer converter practice; open-hearth furnace practice; electric furnace practice; other practices
- .143 Scrap Iron and Steel
Utilization in production Reduction Refining
For Collection of scrap iron and steel, see 672.9
- .16 Metallography of Iron and Steel
Constitution and structure Analysis and testing
Properties
- .18 Heat Treatment and Hardening of Steel
- .2 Precious and Rare Metals and Their Alloys
- .22 Gold
- .23 Silver
- .24 Platinum Platinum Metals
- .29 Rare Metals
- .292 Rare Earths

- 669.293 Thorium, Uranium and Radioactive Elements
Includes actinium, neptunium, plutonium, polonium, radium
- .3 Copper and Its Alloys
Includes brass, bronze
- .4 Lead and Its Alloys
- .5 Zinc, Cadmium and Their Alloys
- .6 Tin and Its Alloys
- .7 Other Metals and Their Alloys
Includes mercury, gallium, germanium, arsenic, antimony, scandium, tellurium, zirconium, tantalum, niobium (columbium), bismuth, thallium, indium
- .72 Light Metals and Their Alloys
- .722 Aluminum
- .723 Magnesium
- .724 Beryllium
- .725 Alkali Metals and Alkaline Earth Metals
- .73 Heavy (Ferro Alloying) Metals and Their Alloys
- .732 Titanium, Vanadium, Manganese
- .733 Cobalt, Nickel
- .734 Chromium, Molybdenum, Wolfram (Tungsten)
- .8 Metallurgical Furnaces
Construction Practice
For Application to special metals, see metals, e.g. cast iron, 669.141
- .82 Refractories
- .84 Slags
- .9 Assaying

670 MANUFACTURES *continued*

For Scope of 670, see note preceding 660; Form divisions .1-9, p. lv

671

METAL MANUFACTURES

Includes fabrication of metal, manufacture of metal products
For Maintenance and operation of mill and shop equipment, see 621.7-621.9

- .2 **Melting and Casting (Foundry Practice)**
- .22 **Foundry Equipment**
- .23 **Molding and Pattern Making**
- .24 **Melting Practice**
- .25 **Casting**
Includes sand, die, centrifugal, other methods of casting
- .3 **Mechanical Working and Forming**
- .32 **Rolling**
- .33 **Forging, Pressing, and Stamping**
- .34 **Extruding and Drawing**
- .35 **Machining and Grinding**
- .37 **Powder Metallurgy**
- .5 **Joining and Cutting**
- .52 **Welding**
 - .521 **Electric Welding**
Includes arc, resistance welding
 - .522 **Gas Welding**
 - .529 **Other Methods of Welding**
- .53 **Flame and Arc Cutting**
- .56 **Soldering and Brazing**
- .59 **Other Methods of Joining**
- .7 **Finishing and Surface Treatment**
- .72 **Buffing and Polishing**

- 671.73 **Coating**
Includes plating, dipping, spraying
For Enameling of metals, see 666.2
- .74 **Cleaning**
- .8 **Applications Metal Products**
For Metal arts, see 739; Handcrafts using metal, 745.5
- .82 **Sheet Metal Products**
- .821 **Pattern Making for Sheet Metal Products**
- .83 **Tubes Pipes**
- .84 **Wire**
- .9 **Scrap Metal**
Collection Classification
For Utilization of scrap metal in production, reduction, refining of metals in general, see 669; Application to specific metals, see metals, e.g. Utilization of scrap iron, 669.143
- 672 **IRON AND STEEL IRON ALLOYS**
May be divided like 671, e.g. Rolling of steel, 672.32; Collection of scrap iron and steel, 672.9
- 673 **OTHER METALS AND THEIR ALLOYS**
May be divided like 669.2-669.7, e.g. Fabrication of zinc, 673.5; Fabrication of aluminum, 673.722; and further subdivided like 671 for specific processes if necessary, e.g. Welding of aluminum, 673.72252
For Work in precious metals, see 739.2
- 674 **LUMBER MANUFACTURES**
Includes wood products, cork
For Logging, rough wood products and specialty wood products, see 634.98; Wood identification, 634.98
- .2 **Lumber Production Sawmill Operations**
Includes sawmill, sawmill equipment, sawing of logs into lumber; sawmill products, rough sawed products; rough lumber (dimension stock or cut stock, lumber for wood products); shingles and shakes, box shooks, fuel wood
For Wood used as fuel, see 662.65

- 674.3 Storage of Lumber**
Includes seasoning of lumber, e.g. air seasoning, kiln drying
For Preservation of wood, see 691.1
- .4 Working of Lumber**
Surfacing Shaping
Includes woodworking operations and equipment
For Organization of woodworking shops, see 621.7;
Woodworking, 684; Wood products, 674.8
- .42 Planing Mill Operations**
Includes planing mill, resawing and surfacing of lumber;
planing mill equipment (saws, planers, molding machines)
- .43 Woodworking Plants**
Secondary woodwork operations: wood turning, shaping,
finishing
Includes woodworking equipment (shapers, lathes, sanders,
grinders)
For Painting of wood, see 698
- .5 Lumber Grading**
Includes inspection, specifications
- .8 Wood Products**
Manufacture Uses
For Specific use of products, see use, e.g. Sawdust as fuel,
662.65; Cabinet making, 684.2; Operations and equip-
ment, 674.4
- .82 Wooden Cooperage and Containers**
Includes crates, barrels, boxes
- .83 Veneer Plywood Laminated Wood**
Manufacture and general use
- .84 Excelsior, Wood Flour, Wood Shavings, Sawdust**
- .9 Cork and Cork Products**

- 675 LEATHER AND FUR INDUSTRIES**
For Manufacture of articles made of leather, see 685; Leather
craft, 745.53; Fur craftsmanship, 687.1
- .2 Leather Processing**
Materials, apparatus, processes used in tanning, dressing, fin-
ishing, testing of hides and skins
- .3 Fur Dressing**
Treatment of raw pelts: tanning, coloring, glazing
For Fur Farming, see 636.9; Fur fiber textiles, 677.3
- 676 PULP, PAPER AND CELLULOSE**
MANUFACTURE
Materials Machinery Processes Properties Tests
Wastes
For Architecture of pulp and paper mills, see 725.4
- .1 Pulp Manufacture**
Materials: raw and added Machinery: Jordan, Hollander
Processes: Mechanical and chemical Properties and testing
Wastes
- .12 Wood Pulp**
Includes mechanical, sulfite, sulfate, soda, semichemical
processes
- .13 Rag Pulp**
- .14 Other Pulps**
Includes straw, jute, hemp, cornstalk, waste paper, re-
claimed paper pulps
- .2 Paper Manufacture**
Machinery and apparatus Machine manufacture Hand
manufacture Properties and testing
Includes grades of paper: tissue, wrapping, writing, printing,
book, building, boards
- .3 Paper Products**
Manufacture of bags, cartons, containers
For Handcrafts using paper, see 745.5; Bookbinding,
655.45

- 676.4 **Cellulose Manufacture**
For Cellulose used in textile manufacture, see 677.46; Cellulose plastics, 668.44
- 677 **TEXTILE AND OTHER FIBER MANUFACTURES**
Fiber content, construction, finish, properties, and manufacturing processes of textile fabrics and other fiber products
For Fiber crops, see 633.5; Textile dyeing, 667.2; Textile printing, 667.3; Textile handicrafts, 745.52; Apparel manufacturing, 687
- .1 **Linen and Other Bast, Leaf, Wood Fiber Textiles**
Manufacture of linen, burlap, from flax, hemp, jute, ramie, pina, similar fibers
- .2 **Cotton and Other Seed Hair Fiber Textiles**
Textile manufacture from cotton, kapok, milkweed fibers
- .3 **Wool and Other Hair Fiber Textiles**
Manufacture of textiles from mohair, cashmere, camel's hair, llama, alpaca, vicuña, rabbit's hair
- .4 **Silk, Rayon, Man-made Protein Fiber, Resin Fiber Textiles**
- .41 **Silk Textiles**
Manufacture of cultivated, wild or Tussah, silks
- .46 **Rayon Textiles**
Rayon manufacture by nitrocellulose, cuprammonium, viscose, acetate, ethyl processes
Trade names include Bemberg, Chardonize, Cordura, Spun-lo, Tenasco, Bublfil, Acele, Celanese, Scraceta, Fortisan, Ethofil
- .47 **Man-Made Protein Fiber and Resin Fiber Textiles**
Textile manufacture from man-made protein fibers, e.g. casein, soybean, peanut, zein
Trade names include Lanital, Tiolan, Polan, Cargan, Casolana, Lactofil, Aralac, Silkool, Ardil, Mazcin
Textile manufacture from resin fibers, e.g. polyamide, vinyl, vinylchloride
Trade names include Nylon, Velon, Saran, Vinyon, Orlon

- 677.5 **Mineral and Miscellaneous Fiber Textiles**
Manufacture of textiles from asbestos, glass, metal, elastic, paper fibers
Trade names include Asbeston, Fiberglas, Reymet, Lastex
- .6 **Special Textiles**
Fabrics made by special processes: brocade, velvet, flannel, felt, tapestry, carpeting, lace, knit fabrics, coated or impregnated fabrics, e.g. crease resistant, nonflammable, shrink resistant, waterproof
- .7 **Other Industrial Uses of Fibers**
Manufacture of cordage and cables
For Knotting, splicing and use of rope, see 623.88
- 678 **RUBBER MANUFACTURES AND RUBBER**
- .2 **Manufacturing Processes Using Rubber**
Includes use of natural and synthetic rubber
For Preliminary treatment of natural rubber, see 678.62; Production of synthetic rubber, 678.722
- .22 **Masticating, Mixing, Milling, Plasticizing**
- .23 **Compounding and Compounding Ingredients**
Includes use of solvents, antioxidants, accelerators of vulcanization
- .24 **Vulcanizing**
- .27 **Other Processes Using Rubber**
Includes molding, coating, extruding, calendaring, casting, dipping, spreading, electro-depositing
- .29 **Reclaiming**
Utilization of scrap rubber
For Collection of scrap rubber, see 678.8
- .3 **Natural and Synthetic Rubber Products**
Includes tires, tubes, belting, rubber adhesives
For Application, see manufacture to which applied, e.g. Application of rubber in manufacture of coated and impregnated fabrics, 677.6

- 678.5 **Latex**
Natural and synthetic
For Preparation of latex from plants, see 634.986; Production of synthetic latex, 678.722
- .52 **Manufacturing Processes**
Includes preliminary treatment of latex, preservation, concentration
May be divided like 678.2
For Coagulation of latex and preparation of crude rubber, see 678.62
- .53 **Products**
Products made directly from latex
- .54 **Properties Analysis and Testing**
Chemical and physical properties of latex and tests for determining such properties
- .6 **Natural Rubber and Its Isomers**
Hevea brasiliensis, ficus elastica, guayule, kok-saghyz, castilloa, mangabeira, balata, gutta-percha
- .62 **Preliminary Treatment of Natural Rubber**
Includes preparation of crude rubber from latex, coagulation, smoking, drying, grading, washing, grinding, packing, storing
For Manufacturing processes using natural rubber, see 678.2; Natural rubber products, 678.3
- .64 **Properties of Natural Rubber Analysis and Testing**
Chemical and physical properties of natural rubber and tests for determining such properties
For Engineering properties of natural rubber, see 620.19
- .7 **Elastomers**
Synthetic rubber and rubber-like plastics (elasto-plastics)
- .72 **Synthetic Rubber**
Trade names include Ameripol, Butaprene, Butyl rubber, Chemigum, GR-I, GR-M, GR-S, Hycar, Neoprene, Perbunan, Silastic, Thiokol

- 678.722 **Production of Synthetic Rubber**
Raw materials Intermediates: Monomers, catalysts, modifiers
Polymerization, coagulation of latex, drying
For Manufacturing processes using synthetic rubber, see 678.2; Synthetic rubber products, 678.3
- .724 **Properties of Synthetic Rubber Analysis and Testing**
Chemical and physical properties of synthetic rubber and tests for determining such properties
For Engineering properties of synthetic rubber, see 620.19
- .73 **Rubber-like Plastics (Elasto-Plastics)**
Production Properties
Trade names include Butform, Butvar, Geon, Koroseal, Polyisobutylene
Where interest in rubber-like plastics lies chiefly in its relation to plastics, class in Linear polymer plastics, 668.423
- .8 **Scrap Rubber**
Collection Classification
Includes natural and synthetic rubber
For Utilization of scrap rubber, see Reclaiming, 678.29
- 679 **OTHER MANUFACTURES**
It is recommended that Celluloid be classified in 668.44
- .2 **Tobacco Products**
Includes cigars, cigarettes
- .9 **Waste Materials**
Includes salvage of wastes not covered elsewhere
For Salvage of specific material, see material, e.g. Collection of scrap rubber, 678.8

680 MANUFACTURES *continued*

Includes comprehensive instruction handbooks for home workshops

For *Handcrafts*, see 745.5; *Hobbies*, 790; *Instruction handbooks for specific operation, the subject*, e.g. *how to make toys*, 688.7; *Model making, the subject*, e.g. *Ship models*, 623.82; *Model railroads*, 625.19

681.1 Horology

Construction and repair of time measuring instruments, e.g. clocks, watches, chronometers

Includes makers, history, care, adjustment, cleaning

For *Clocks as decorative furniture and collectors' items*, see 749

681.12-681.8 MANUFACTURE OF SPECIAL INSTRUMENTS

It is recommended that these be classified with their specific subjects, e.g. Electric meters, 621.37; Moving picture apparatus, 771.3; Sound motion picture apparatus, 621.345; Record players, 789.91; Calculating machines, 510.81 or 651.26; Mechanical toys, 688.7; Scientific instruments with use, e.g. Manufacture of surgical instruments, 617.9; Optical instruments with use, e.g. Spectacles, 617.7; Telescopes, 522.2; Business machines, 652-653; Musical instruments, 780, e.g. Piano, 786.2

682 SMALL FORGE WORK

Includes hand forging of tools; iron work, horseshoeing

683 GUNSMITHING

Manufacture, repair, makers and history of gun making
Includes catalogs

For *Ordnance*, see 623.4; *Gunnery*, 623.5

.3 Locksmithing

Includes locks and keys; catalogs

340

684 WOODWORKING

Construction of articles from wood
Includes woodworking manuals, tools and machinery

For *Wood handicrafts*, e.g. *Whittling*, see 745.5; *Wood carving*, 736.4; *Carpentry and joinery in construction of buildings*, 694; *Wood turning*, 674.43; *Manufacture of veneers and plywood*, 674.83

.1 Furniture Making

Includes soft furnishing or upholstered furniture; restoration or refinishing of antiques

For *Period furniture*, see 749.2; *History, design, collection of furniture*, 749

.2 Cabinet Making

Construction of fine woodwork
Includes work with veneers; inlaying

For *Manufacture of veneers*, see 674.83

685 LEATHER GOODS MANUFACTURE

Includes saddlery, glove making, manufacture of luggage, handbags

For *Leather processing (tanning, dressing, finishing)*, see 675

.3 Footwear

Specifications Manufacture Repair

686 It is recommended that **BINDING** be classified in 655.45

687 APPAREL MANUFACTURING

Includes fashion modeling; accessories, e.g. hosiery, underwear, millinery

For *Home sewing and tailoring*, see 646.4; *Home millinery*, 646.5

.1 Commercial Garment Making

Design Pattern making and grading Cutting Tailoring Dressmaking

Includes fur craftsmanship

.11 Men's Apparel

687.12 Women's Apparel

688 SMALL ARTICLE MANUFACTURE

Includes smoking accessories

.7 Toy Making

Includes mechanical toys (formerly classified in 681.15)

690 BUILDING CONSTRUCTION

Erection of buildings

For Architecture or artistic design of structures, see 720; Structural engineering or analysis and design of structures stressing safety and efficiency, 624; Form divisions .1-9, p. lv

691 BUILDING CONSTRUCTION MATERIALS

Selection Deterioration Preservation

For Engineering properties and testing of building materials, see 620.11; Types of building construction, the type, e.g. Modern timber construction, 694; Structural engineering use of materials, 624, e.g. Reinforced concrete design, 624.18; Resistant construction, 693.8

.1 Timber

.2 Stone

.3 Concrete and Reinforced Concrete

.4 Ceramic or Clay Materials

Includes brick, tile, adobe

.5 Cement

.6 Glass

For decorative or architectural use of glass, see 729

.7 Iron and Steel

For Structural design of steel construction, see 624.177

.8 Other Metals

Includes aluminum

.9 Other Materials

Includes plastics, composition shingles, insulating material (Fiberglas, wall board)

692 CONSTRUCTION PRACTICES

Includes comprehensive material on contracts and specifications

- 692.2 **Building Detail Drawing**
Includes "How to read plans"
- .3 **Specifications**
Includes building standards
For Material including both specifications and contracts, see 692; Specifications for particular type of construction, type of construction, e.g. Specifications for reinforced concrete construction, 693.5
- .4 **Contracts**
For Material including both specifications and contracts, see 692
- .5 **Estimates**
Includes costs
- .6 **Supervision**
Includes building inspection, prevention of accidents during construction
- .9 **Building Laws**
Regulation of construction, alteration, repair, remodeling, moving, use, maintenance, occupancy
For Electrical codes, see 621.328; Plumbing codes, 696.9
- 693 **SYSTEMS OF BUILDING CONSTRUCTION**
Systems Method or trade Tools
Includes comprehensive works which include materials
For Materials of building construction, see 691; Structural engineering systems, 624.18; Architectural design, 720
- .1 **Masonry Construction**
Includes stone masonry, stonecutting, mason's trade
- .2 **Brick Masonry**
Includes bricklaying, adobe construction
- .4 **Hollow Tile and Concrete Block Masonry**

- 693.5 **Concrete and Reinforced Concrete Masonry**
Includes framing
For Structural engineering elements of reinforced concrete, see 624.177
- .6 **Plaster and Lathe Work**
Includes stucco
- .7 **Steel Construction**
Methods of erection of structural steel parts and supports for buildings (riveted, bolted and arc welded construction)
Includes structural steel framing
For Elements of design of structural steel construction (the major portion of material on steel construction), see 624.177; Welding, 671.52
- .8 **Resistant Construction**
- .82 **Fireproof Construction**
- .83 **Insulation**
Includes thermal (heat) and acoustical (sound) insulation
- .84 **Pest Resistant Construction**
Includes termite and rodent resistance
- .85 **Shock Resistant Construction**
Includes earthquake, bomb resistance
- 694 **WOOD CONSTRUCTION**
Includes carpentry and joinery, beginners' manuals, home carpentry
- .2 **Framing**
Walls Floors Partitions Roofs
Includes use of steel square
- .8 **Stairbuilding**
For Other details of construction, see 695

- 695 **DETAILS OF BUILDING CONSTRUCTION**
 Construction Repair Trade
 Includes wood, slate, tile, asbestos, metal, asphalt shingles and roll roofing; floors and floor coverings, doors and door frames, windows and window frames
 For Stair construction, see 694.8
- 696 **FITTINGS FOR BUILDING CONSTRUCTION**
 Estimates Supplies Installation Inspection Regulation
 Includes comprehensive works on plumbing, heating and ventilation installation
- .1 **Plumbing**
- .2 **Pipe Fitting**
- .9 **Plumbing Legislation**
- 697 **HEATING, VENTILATING AND AIR CONDITIONING ENGINEERING**
 Principles Systems Installation Equipment
 Maintenance and repair
 Includes domestic heating and ventilation (formerly classified in 644)
 Heating and ventilating engineering was formerly classified in 628.8
- .1 **Heating Systems and Equipment**
 Includes fireplaces, radiators, convectors, district heating
- .2 **Radiant and Panel Heating**
 Includes stoves, solar heating
- .3 **Warm Air Heating**
 Gravity systems Mechanical systems
 Includes furnaces and equipment
- .4 **Hot Water Heating and Piping**
 Includes boilers and accessories

- 697.5 **Steam Heating**
 Includes piping
- .6 **Use of Fuels for Heating**
 Includes gas, oil, coal
- .7 **Use of Electricity for Heating**
 Includes induction heating (radio-frequency), conduction heating (by actual contact)
- .8 **Chimneys and Flues**
- .9 **Ventilating and Air Conditioning**
 For Refrigeration, see 621.56
- .92 **Ventilating**
 Includes fans
- .93 **Air Conditioning**
 Includes air distribution, air cleaning, heat transference, control means for maintaining temperature and humidity
 For specific application, see subject, e.g. air conditioning of mines, 622.4
- 698 **DECORATION IN BUILDING CONSTRUCTION**
 Tools Materials Methods
 Includes house painting and decorating, paper hanging
 For Styles of interior decoration, see 747; Painting, 750
- .1 **House Painting**
 Exterior and interior
 Includes mixing and application methods
- .3 **Wood Finishing**
 Includes staining, polishing, varnishing, waxing, enameling and painting
- .6 **Paper Hanging**
- 699 It is recommended that **CARBUILDING** be classified in 625.22

700 Arts and Recreation

Fine arts Decorative arts Sportive arts

For Form divisions 2-7, see p. lv, adaptations in 1, 4, 8 follow:

701 PHILOSOPHY AND THEORY

Includes psychology, esthetics (generic characteristics of fine arts), appreciation and criticism of the arts

For Specific field of art, see subject, e.g. Criticism of Renaissance painting, 759.03; Esthetics in general, 101

704 ART ESSAYS, LECTURES, ADDRESSES

For Literature concerning specific field of art, see subject, e.g. Essays on painting, 750.4; Design in modern life, 745

.9 Collected writings on two or more fine arts

For Collected writings on paintings, see 750; Design, 745; Architecture, 720

.94 Representation in art

Albums Portfolios

Description and study of way in which various subjects are represented in the arts

Includes human figure in art, nature in art, symbolism and other subjects

For Symbolism in painting, see 750; in sculpture, 730

.948 Religious Art

Includes Christian and Non-Christian art

For Religious painting, see 755

708 GALLERIES, MUSEUMS AND PRIVATE COLLECTIONS

Function Collection and preparation of exhibition materials
Exhibitions (Catalogs) Administration

Specific art galleries, museums and private collections may be arranged alphabetically by city, then by name of gallery

348

709 ART HISTORY

For History of specific field of art, see subject, e.g. History of painting, 759; Sculpture, 730.9

709.01-709.03 HISTORIC PERIOD OF ART

For History of a national art, see 709.1-.9; History of specific class of art, the subject, e.g. History of design, 745.09

.01 Primitive and Ancient Art

Primitive art is artistic expression of primitive peoples and of those who, regardless of chronological period in which they live, are in the same childlike stage of development
Ancient art includes artistic expression of ancient and classical worlds

For Prehistoric art, see 571.7

.02 Christian Art

Includes Early Christian art (1-700 A.D.), Byzantine art (527-1200 A.D.), Medieval art (1150-1500)

.03 Modern Art

Includes Renaissance art (1420-1600), Baroque art (1600-1720), Rococo (last phase of Baroque), Neo-Classicism (late 18th-early 19th century), 20th century art

709.1-709.9 NATIONAL ART

May be divided like 930-999, e.g. History of French art, 709.44; or 709.1 may be arranged alphabetically by country

710 LANDSCAPE ARCHITECTURE

Control and design of out-of-door surroundings to insure their proper and esthetic adaptation to use

For Form divisions .1-9, see p. lv

711 CITY PLANNING

Control and guidance of physical growth and arrangement of communities to insure their greater efficiency and attractiveness
Includes development and redevelopment

For Comprehensive treatment of economic and social planning, see 309.2

.01 Theory

Includes centralization vs. decentralization (formerly classified in 711.13)

.09 History and Development

Includes planning and plans of specific cities

For Description of cities, see 913-919

.1 Technical Procedure

Includes professional practice (collection and presentation of data, making and presentation of plans, estimation of cost, supervision)

.13 It is recommended that **Centralization vs. Decentralization** be classified in 711.01

.17 Administration

It is recommended that Legislation creating and empowering agencies, public land, right of way, be classified in 333.1

.2 It is recommended that **National Planning** be classified in 309.23

.3 It is recommended that **Regional Planning** be classified in 309.24

.4 Design in City Planning

.41 Plans Based upon Street Patterns

Gridiron system Radial type Organic or studied irregularity plan

711.45 Plans Based upon Function

Capital cities Port cities Industrial cities Residential cities

.5 Patterns of Land Use in City Planning

For Zoning laws, restrictions as methods of control, see 333.77

.52 Recreational Facilities

Includes planning of parks, playgrounds and lots, squares and plazas, bathing beaches, athletic fields

.55 Functional Centers

Includes planning of civic centers, cultural and intellectual centers (formerly classified in .57), commercial and industrial centers

.57 It is recommended that **Cultural and Intellectual Centers** be classified in 711.55

.58 Residential Use

Neighborhood and community planning
Includes suburban and rural residential areas, garden cities

.59 Urban Redevelopment

Includes slums and slum clearance; redevelopment of blighted areas; low cost, low rental housing

.6 Structural Elements in City Planning

Relation of structures to surroundings Regulation of height, materials, spacing

Includes buildings, bridges, architectural and sculptural accessories (lighting fixtures, advertising and display structures, waste cans, mail boxes)

For Design of structures, see 729; Engineering, 620

.7 Channels of Communication in City Planning

Planning for streets, roads, railways, waterways and waterfronts, air transport terminal facilities, parking and underground parking facilities, and accessories such as signs

Where interest in air transport lies chiefly in aeronautics, class in 629.16

For Transportation engineering, see 625; Architecture, 720; Construction, 690

- 711.8 **Underground Utilities in City Planning**
Includes planning for water supply, sewage, power transmission
For Sanitary engineering, see 628; Electric power engineering, 621
- 712 **TYPES OF LANDSCAPE DESIGN**
For Design of community, see 711, Cemeteries, 718; State and national parks, 719
- .3 **Technical Procedure**
Office practice Collection of data Presentation of plans
Supervision Costs
- .5 **Public Parks**
Includes squares, commons, exposition and fair grounds, grounds of public buildings
For Parks and recreational facilities in city planning, see 711.52; State and national parks or reservations, 719; Planting and culture, 630
- .53 It is recommended that **Water Features in Public Parks** be classified in 714
- .54 **Recreational Facilities in Public Parks**
Provision and planning of playgrounds, athletic fields, amphitheatres
For Recreational facilities in city planning, see 711.52
- .6 **Estates**
Property consisting of at least a house and its site, regardless of size
Includes landscape design of home grounds, apartment grounds, suburban and country estates
For Planting and culture, see 630
- .62 **Gardens**
Includes design of back yards, penthouse gardens and gardens devoted to special plants, e.g. Shakespearean, old fashioned, rose garden, rock garden
For Planting and culture, see 635.9; Use of specific trees, shrubs and plants in landscape design, 715-716; Gardens as part of landscaping of whole estate, 712.6

- 712.7 **Semiprivate and Institutional Grounds**
Includes grounds of country clubs, hotels, institutions (hospitals, universities, churches, industrial plants, railroads, airports)
For Planting and culture, see 630
- 713 **LANDSCAPE CONSTRUCTION AND MAINTENANCE**
It is recommended that **Construction of roads and pavements** be classified in 625.7; **Bridges**, 624.2-.8; **Tunnels**, 624.152; **Cost**, in 712.3
- 714-717 **ELEMENTS AND MATERIALS**
of landscape architecture
- 714 **WATER FEATURES IN LANDSCAPE ARCHITECTURE**
Practical and esthetic treatment of bodies of water and their shore lines; use of fountains, pools, cascades
Includes development and utilization of shore lines as public parks or part of parks (formerly classified in 712.53)
For Water features in city planning, see specific use, e.g., Recreational use, 711.52; Transportation, 711.7; Sculptural details of fountains, 736.5
- 715 **TREES, SHRUBS AND HEDGES IN LANDSCAPE ARCHITECTURE**
Practical and esthetic use of trees, shrubs, and hedges as integral part of landscape design
Includes flowering trees, shrubs and vines, e.g., magnolia trees, rose bushes and wisteria vines
For Planting and culture of trees in forests, see 634.95, of shrubs and hedges, 635.97; Diseases of trees, 634.96, of shrubs, 632; botany, 580

- 716 **HERBACEOUS PLANTS OR ANNUALS IN
LANDSCAPE ARCHITECTURE**
Practical and esthetic use of flowering plants, mosses, and ferns as integral part of landscape design
For Planning of gardens, flower and otherwise, see 712.62; Growing of flowers, in gardens, window boxes, penthouses, dishes, 635.96; Botany, 580
- 717 **STRUCTURES IN LANDSCAPE
ARCHITECTURE**
Relationship of buildings, terraces, walls, fences, gates, steps and ornamental accessories (monuments, sundials, seats, fireplaces and garden furniture) to other elements of landscape design
For Architectural design, see 729; Construction, 690; Grouping of buildings in city planning, 711.5; Structural elements in city planning, 711.6
- 718 **PLANNING OF CEMETERIES**
Legislation Administration Design
Consideration of roads, paths, bridges, planting, buildings, monuments and accessories in planning cemeteries
For Mortuary architecture, see 726.8; Monumental sculpture, 736.5; Engineering, 625; Disposal of dead (Public health, 614.6; Customs, 392)
- 719 **PLANNING OF NATURAL LANDSCAPE
RESERVATIONS**
Planning for preservation of natural scenery, forests and historical features; for water supply safety, and incidentally for recreation of public land
Includes national, state reservations
For Game preserves, see 333.78; Provision of parks in cities, 711.52; Design of public parks, 712.5; Wild life conservation, 333.78

720 ARCHITECTURE

Art of designing buildings of beauty and utility of form and arrangement, and selection of material to meet requirements

For Structures in city planning, see 711.6; in landscape architecture, 717; Form divisions .1, .3-8, p. lv; exceptions .2, .9 follow

720.2

Outlines, Manuals

Includes technical procedure (professional practice, relations, architectural presentation)

For Architectural drawing, see 744.4

.9

History of Architecture

Development Critical appraisal

Includes works of individual architects

May be divided like 930-999 or arranged alphabetically by country

For Periods of architecture extending over more than one country, see 722-724, e.g. Renaissance architecture in Italy and France, 724.1

721

It is recommended that **ARCHITECTURAL CONSTRUCTION REQUIRING EMPLOYMENT OF ENGINEERING PRINCIPLES** be classified in 624, e.g. **Foundations**, 624.15; **Arches**, 624.177; **BUILDING MATERIALS AND CONSTRUCTION**, 690-698, e.g. **Roof Construction**, 694.2; **Brick Construction**, 693.2 **DESIGN OF STRUCTURAL FEATURES**, where most of architectural construction material should fall, 729

722-724 PERIODS OF ARCHITECTURE

Chronological development of architectural styles

Unless period extends over more than one country, this scheme should be used only by libraries not using 720.9

- 722 **ANCIENT ARCHITECTURE (4000 B.C.-
300 A.D.)**
Ancient architecture includes structures of ancient Babylonia, Assyria, Egypt, Persia, China, Japan, India
- .6 **Classical Architecture**
Includes Greek and Roman structures
- .91 **Pre-Columbian American Architecture**
Includes Aztec, Mayan, Incan structures
- 723 **MEDIEVAL ARCHITECTURE (300 A.D.-1400)**
- .1 **Early Christian Architecture**
Includes catacombs, basilicas
- .2 **Byzantine Architecture (500-1200)**
- .3 **Eastern Architecture (200-1500)**
Includes Mohammedan, Buddhist, Hindu architecture of Near East, China, India and Japan
- .4 **Romanesque Architecture (1000-1100)**
- .5 **Gothic Architecture (1150-1400)**
- 724 **MODERN ARCHITECTURE (1400-)**
- .1 **Renaissance Architecture**
Includes Baroque (1500-1700), Rococo (1720-1800)
- .9 **Twentieth Century Architecture**
Includes functional

725-728 TYPES OF ARCHITECTURE

Design of new buildings

For Description and critical appraisal of historic buildings, see 720.9 or 722-724; Construction, 690; Design of details, 729; Materials, 691

725 **PUBLIC BUILDINGS**

1. **Government Buildings**
International National State County Municipal
Includes capitols, legislative and judicial buildings, government agencies and offices, post offices, official residences (executive mansions, rulers' palaces, embassies, legations, consulates), customs, military buildings (barracks, forts, armories, arsenals), police and fire stations, refuse plants, incinerators, comfort stations
For Aqueducts, reservoirs, see 628.1
- .2 **Commercial Buildings**
Includes stores, office buildings, financial buildings, exchanges, markets, skyscrapers
- .3 **Transportation and Storage Buildings**
Includes railway, bus, marine and air terminals; service facilities, e.g. garages, filling stations
Where interest in air terminals lies chiefly in aeronautics, class in 629.16
For Planning for transportation facilities, see 711.7
- .35 **Warehouse and Storage Buildings**
- .36 **Elevators for Storage of Grain, Ore**
- .4 **Industrial Architecture**
Includes factories, mills, shipyards
- .5 **Hospital Architecture**
Includes institutions for handicapped
- .6 **Prison Architecture**
Includes reformatories

- 725.7 **Refreshment and Park Buildings**
Includes restaurants, taverns, baths, swimming pools
- .8 **Recreation Buildings**
Includes theaters, auditoriums, stadiums, gymnasiums, rinks, race tracks
- .9 **Other Public Buildings**
Includes exhibition and fair buildings, memorials
- 726 **ECCLESIASTICAL ARCHITECTURE**
Includes non-Christian temples; mosques, minarets, synagogues
For Description of specific styles, see 720.9 or 722-724, e.g. Parthenon, 720.938 or 722.6; Details, e.g. furniture, 749
- .4 **Parish Halls**
- .5 **Churches**
Includes Cathedrals (formerly classified in 726.6)
For Description of specific churches, see 720.9 or 722-724
- .6 It is recommended that **Cathedrals** be classified in 726.5
- .7 **Monastic Architecture**
Includes abbeys, priories, nunneries, and accessory structures
- .8 **Mortuary Architecture**
Includes mortuary chapels, tombs, crematories, morgues
- .9 **Other Religious Buildings**
Includes dwellings and religious association buildings
- 727 **EDUCATIONAL ARCHITECTURE**
Includes details of special rooms for both private and public schools
For Gymnasiums, see 725.8; Laboratories, 727.5
- .1 **School Architecture**
- .3 **College and University Architecture**
Includes dormitories, commons, unions
For Chapter houses, see 728.4; Gymnasiums, 725.8; Libraries, 727.8; Laboratories, 727.5

- 727.5 **Research Facilities**
Includes laboratories, botanical and zoological gardens and houses, observatories
- .6 **Museum Architecture**
For Art galleries, see 727.7
- .7 **Art Gallery Architecture**
- .8 **Libraries**
Includes public and private libraries and details of special rooms
- 728 **DOMESTIC ARCHITECTURE**
- .1 **Multiple Dwelling Architecture**
Includes low rental housing and apartments (formerly classified in 728.2)
For Housing in city planning, see 711.59
- .2 It is recommended that **Apartment Architecture** be classified in 728.1
- .3 **Urban Residence Architecture**
Includes detached, semidetached, prefabricated urban houses
- .4 **Club Architecture**
Includes country clubs, political clubs, fraternity houses
- .5 **Hotel Architecture**
Includes inns, hostels, motels
- .6 **Rural Architecture**
Small dwellings
Includes farmhouses, ranch houses, bungalows, cottages
For Country seats, see 728.8
- .7 **Resort Architecture**
Includes seaside, mountain, summer and winter houses, houseboats, hunting lodges
For Resort hotels, see 728.5

728.8 **Country Seat Architecture**
For Small rural residences, see 728.6; Historic castles, chateaux, manor houses, 720.9 or 722-724

.9 **Accessory Domestic Buildings**
 Includes gatehouses, stables, kennels, poultry houses, garages, barns, silos, dairies, conservatories and other outbuildings
For Commercial garages, see 725.3

729 **ARCHITECTURAL DESIGN AND
 DECORATION**

Disposition of the elements of a building
For Theory of design, see 745; Architectural drawing, 744.4; Interior decoration, 747; Design of types of building, the type, e.g. Small house design, 728.6

.1 **Elevation**
 Includes design of light and shade, proportion

.2 **Planning**
 Includes consideration of function, size, arrangement of interior, communication, lighting, acoustics

.3 **Design of Details**
 Includes walls, orders of columns, arches, vaults and domes, roofs, towers, gables and pediments, doors and windows, stairs, and ramps
For Construction, see 624 and 690

.4 **Painted Decoration**
 Includes painted ceilings, walls, moldings, panels
For Painted decoration which stresses fine art, e.g. Murals, ceilings painted by masters, such as Sistine chapel, see 750; Design, 745

.5 **Decoration in Relief**
 Carved decoration and ornament, architectural sculpture
 Where interest in Carving lies chiefly in its relation to Sculpture, class in 736.5

729.6 It is recommended that **Incrustation of Exteriors and Interiors in Brick, Stone, Marble, Tile** be classified in 690; **Inlay, 684.2; Enamel, 738.4; Veneering, 684.2**

.7 It is recommended that **Mosaics** be classified in 738.5

.8 It is recommended that **Stained Glass Windows** be classified in 748.5

.9 It is recommended that **Furniture** be classified in 749; **Lighting Fixtures** in 749

730 SCULPTURE

Three dimensional art of organizing masses by carving or modeling

For *Form* divisions, except .9, see p. lv

730.9

History of Sculpture

Development Critical appraisal of the great schools of sculpture

Includes works of individual sculptors

May be divided like 930-999, or arranged alphabetically by country

For *Periods of sculpture extending over more than one country*, see 732-735, e.g. *Renaissance sculpture in France and Italy*, 735.21

731

MATERIALS AND METHODS OF SCULPTURE

Composition Form Subject Preservation and care
Methods of restoration

Manner or method of execution in all materials used in sculpture except ceramic materials and metals

Includes masks

For *Technique in ceramic sculpture*, see 738; in *metal sculpture*, 739

732-735 PERIODS OF SCULPTURE

Chronological development of sculpture

Unless period extends over more than one country, this scheme should be used only by libraries not using 730.9

732

ANCIENT SCULPTURE (3000 B.C.-) PRIMITIVE SCULPTURE

Ancient sculpture represented chiefly by remains found in Babylonia, Assyria, Egypt, Persia, China, Japan, India

362

363

Arts and Recreation

732.2-735.29

732.2

Primitive Sculpture

Includes not only work of primitive races but also of people whose artistic expression is in the same childlike stage of development regardless of the chronological period in which they live

Where interest in primitive sculpture lies chiefly in its relation to cultural anthropology, class in 572.7

733

CLASSICAL SCULPTURE (1500 B.C.-476 A.D.)

Greek, Roman and Etruscan sculpture

734

CHRISTIAN SCULPTURE EASTERN SCULPTURE

Includes Early Christian and Byzantine sculpture

.2

Medieval or Gothic Sculpture (1000-1399)

Includes Romanesque sculpture

.5

Eastern Sculpture

Mohammedan and Buddhistic sculpture at its height in China, Japan, India and Near East

735

MODERN SCULPTURE

Includes sculpture of Latin America

.21

Renaissance Sculpture (1400-1799)

Includes Baroque (1600) and Rococo (1700)

.22

Classic Period of 19th Century

Includes Neoclassicism, Romanticism, Realism

.29

20th Century Sculpture

736-739 DEVELOPMENT
critical appraisal and collection of sculpture in different media

736 **CARVING OF SPECIAL MATERIALS**

.2 **Carved or Engraved Gems and Precious Stones**

Includes intaglios, cameos, scarabs, jade cutting

For Properties, description, history of gems, see 553.8; Cutting, setting, designing of gems as jewelry, 739.27; Industrial uses of gems, 621.9

.3 **Engraved Seals, Stamps, Signets**

Includes personal and official seals, seals for special occasions and organizations

.4 **Sculpture in Wood**

Development Critical appraisal

Includes work in the round and in relief; statues, busts, scrollwork

For Technique of carving in wood, see 731

.5 **Sculpture in Stone**

Development Critical appraisal

Includes statues, busts, monuments, garden sculpture, architectural sculpture

Where interest in architectural sculpture lies chiefly in its relation to architecture, class in 729.5

For Technique of stone sculpture, see 731

.6 **Carved Ivory, Bone, Horn**

Includes netsukes

.8 It is recommended that **Hallmarks** be classified with the material marked, e.g. **British Silver Marks, 739.2**

737 **NUMISMATICS**

Includes medals, tokens, counters

.4 **Coins**

738 **CERAMIC SCULPTURE**

Historic development Description Collection

Includes potters' art and marks

For Technology of ceramics, see 666

738.2 **Porcelain China**

Includes figurines, vases, tablewares, e.g. Royal Copenhagen, Haviland, Limoges, Spode, Lenox

.3 **Earthenware**

Term used interchangeably with pottery, faience, majolica
Includes figurines, vases, tablewares, e.g. Wedgwood, Delftware, Royal Copenhagen, Faience, Italian Majolica

Use for material on both porcelain and pottery

.4 **Enamels**

Includes cloisonné

.5 **Mosaics**

.6 **Ornamental Bricks, Tiles**

739 **METAL SCULPTURE**

Includes repoussé, a process of shaping by beating or hammering; wrought metalwork; metal casting from a mold taken of a model

For Metal manufactures, see 671-672

.2 **Precious Metals**

Gold Silver Platinum

Includes religious articles, tableware, vases, marks of silversmiths and goldsmiths

.27 **Jewelry**

Art of the jeweler

Includes design of settings, cutting and setting of gems and semiprecious stones

.4 **Iron**

Ornamental work in iron and steel

For Metal manufactures, see 671-672

.5 **Bronze and Other Metals**

Copper Brass Pewter Aluminum

Includes sculpture in the round and in relief

May be arranged alphabetically by country

.7 **Armor**

Ornamentation of side arms, firearms, as well as suits of armor

For Manufacture of arms and armor, see 683

740 DRAWING DECORATIVE ART

For Form divisions .1-9, see p. lv

741 FREEHAND DRAWING

Art of representing an idea, emotion or object by use of line, tone or color

.2 Materials and Methods of Freehand Drawing

How to draw How to use various media of charcoal, chalk, crayon, pencil, pen, pastels

.4 Elements of Freehand Drawing

Line Proportion Light and shade Composition
Color

For Perspective, see 742

.5 Cartoons Caricatures

Materials Methods Critical appraisal Collections

Includes works of cartoonists and caricaturists, drawing for animated cartoons

For Technical processes involved in producing animated cartoons, see 778.5

.6 Illustration

Illustration is the translation of an author's idea into pictorial form

.64 Book Illustration

Includes illustration of book covers and jackets

For Books which are rarities because of their illustration, see 096

.65 Magazine Illustration

.67 Advertising Illustration or Commercial Art

Includes fashion drawing, poster art; greeting card art

For Layout in advertising, see 659.13

.7 Sketching

Representation of an idea roughly to present its chief features

366

741.9 Collections of Drawings

Drawings of specific artists, schools or periods, places

742 PERSPECTIVE

Theory Principles

For Other methods of technical drafting, see 744.45

743 ANATOMY FOR ARTISTS

Human Animal Plant

Includes "how to draw" both from life and cast

744 TECHNICAL DRAFTING INDUSTRIAL PRODUCTION ILLUSTRATION

Process of drawing freehand or with instruments, designed to impart exact and specific information to the reader Is variously termed drafting, mechanical drawing, engineering drawing, precision drawing

Includes drafting room layout and practice, materials, equipment

Where interest in technical drafting lies chiefly in its relation to a specific subject, class in subject, c.g. Engineering drafting, 620.04; Aircraft drafting and production illustration, 629.142

For Graphic solutions or geometric construction, see 515

.4 Types of Technical Drafting and Industrial Production Illustration

Engineering drafting (mechanical, civil, mining, chemical, electrical) Architectural drafting Map drafting (plat, contour, topographic)

.43 Conventions

Special lettering Shading Dimensioning

.45 Methods

Working drawings and pictorial illustration

Includes orthographic, axonometric (isometric, dimetric, trimetric), oblique projections

For Perspective, see 742

- 744.5 **Duplication of Technical Drawings**
Includes blueprints and blueprint reading
Where interest in blueprint reading lies chiefly in its relation to a specific subject, class in subject, e.g. Aircraft blueprints and blueprint reading, 629.142

745-749 DECORATIVE ARTS

- 745 **DECORATIVE ART AND DESIGN**
Decorative or applied arts utilize various phases of art as a means of ornamentation or enrichment, and generally are more the product of craftsmen than of artists
- .2 **Industrial Art**
Structural design of objects, e.g. radios, clocks, lighting fixtures, automobiles, for mass production by machine tools
- .3 **Folk Art**
Naïve, non-academic, often untrained artistic expression of simple people in the design of utensils, furniture, portraiture, dress
- .4 **Design**
Theories Principles Elements of pure and applied design
- .44 **Historic Decoration or Ornament**
Includes periods and schools
- .5 **Handcrafts**
Productive, creative work done by hand with the aid of simple tools or machines
Includes design and instruction in crafts using wood, leather, metals, plastics, paper, textiles, e.g. wallpaper design, painted textiles, tincraft
- .52 **Textile Handcrafts**
It is recommended that Rugs be classified in 746.7
For Laces, tapestry, needlework, see 746
- .58 **Basketry**
Raffia. rush, cane handwork

- 745.6 **Decorative Lettering**
Alphabets Monograms Heraldic design
For Lettering for technical drafting, see 744.43
- .67 **Manuscript Illumination**
For Manuscripts which are valuable because of illumination, see 096
- .7 **Stencil Decoration**
Mechanical means of applying patterns with paint to textiles, furniture
For Silk screen printing, see 655.3
- 746 **LACES TAPESTRIES NEEDLEWORK**
Historic development Design Identification and collection
For Instruction in home needlework, lace making, see 646.2;
Machine production, e.g. Production of laces, 677.6
- .2 **Laces**
For Instruction in home crocheting and tatting, see 646.2
- .3 **Tapestries**
For Machine production of tapestries, see 677.6
- .4 **Needle Crafts**
For Instruction in home sewing, smocking, knitting, crocheting, quilting, embroidery, see 646.2
- .44 **Embroidery**
Crewelwork Needle point Ecclesiastic embroidery
Samplers
- .7 **Handmade Rugs**
Includes Oriental rugs (formerly classified in 745.52)

747 **INTERIOR DECORATION**

Planning, designing, execution of structural interiors and their furnishings
Includes walls, ceilings, floors and their decorative treatment; consideration of the use of upholstery, draperies, furniture, lighting in designing interiors of homes and other buildings; use of color in planning interiors

House furnishing was formerly classified in 645

For Factors involved in interior decoration, apart from their role in interior decoration, see subjects, e.g. Tapestries, 746.3; Rugs, 746.7; Furniture, 749; Color, 752; Architecture, 720

.2 Period Styles of Interior Decoration

May be arranged alphabetically by country

For Period styles of architecture, see 722-724; Period styles of furniture, 749.2

748 **GLASSWARE**

Ornamental and useful glass for table use, mirrors, lighting fixtures, e.g. lamps, candelabra

For Technical and mass production of glassware, see 666.1

.2 Period Styles of Glassware

Historic development Design Identification Collection

Includes Venetian, Bohemian, German, French (Lalique), English (Bristol), Irish (Waterford), American (Stiegel, Wister, Sandwich [Pressed glass], Steuben), Scandinavian (Orrefors)

.5 Stained Glass

Design Process of making stained glass windows

.6 Decoration of Glass

Includes intaglio or relief cutting, engraving, etching, sand blasting, spun glass techniques

749 **FURNITURE AND ACCESSORIES**

Historic development Design Identification Collection of fine furniture

Includes chairs, beds, tables, desks, chests; decorative forms of frames, brackets, consoles; accessories, e.g. fireplace mantels, clock cases; general collecting manuals

For Furniture manufacture, see 684.1; Consideration of furniture as an integral part of interior decoration, 747

.2 Period Styles of Furniture

Includes antiques, reproductions

For Gothic period furniture of more than one country, see 749.24; Renaissance period furniture of more than one country, 749.25; Baroque, 749.24

.21 American Furniture

Early American Colonial American Georgian (Savory) Federal (Duncan Phyfe) Modern

.22 English Furniture

English Gothic English Renaissance (Tudor, Elizabethan, Jacobean) William and Mary Queen Anne
Georgian (Chippendale, Hepplewhite, Adam, Sheraton)
Regency Modern

.23 German and Austrian Furniture

German Gothic German rococo Biedermeier
Modern

.24 French Furniture

French Gothic and Gothic in general French Renaissance French baroque (Louis XIV) and Baroque in general
French rococo French classic (Louis XVI)
French provincial Directoire Empire Modern

.25 Italian Furniture

Italian Renaissance and Renaissance in general

.26 Hispanic Furniture

Spanish Portuguese

- 749.27 Slavic Russian
 .28 Scandinavian
 .29 Other
 Includes the lacquers of Japan

750 PAINTING

For History of painting, see 759; Painters and their work, school of painting, regardless of medium, technique, or subject, e.g. Religious oil paintings of Leonardo, 759.5; Political ideology of murals of Diego Rivera, 759.972; Form divisions, except .9 which is not used, see p. lv

751 MATERIALS AND METHODS OF PAINTING

Composition Form Preservation and care Methods of restoration

Includes manner or method of execution in water color, gouache, wash, tempora, fresco, oil

For Work of individual painters, see national school of painting to which they belong, regardless of medium, e.g. Water colors of John Marin, 759.13

752 COLOR THEORY AND PRACTICE

Properties Values Harmonies Contrasts Charts

For Theory of color and light, see 535.6

753-758 DEVELOPMENT CRITICAL APPRAISAL COLLECTION

Paintings discussed primarily from viewpoint of subject treatment, the artist being of secondary importance, e.g. Famous battle paintings, 756

753 EPIC PAINTING

Paintings of gods, heroes and other legendary figures

754 GENRE PAINTING

Paintings of everyday life

755 RELIGIOUS PAINTING

Paintings of religious figures and subjects, Christian and non-Christian

756 HISTORICAL PAINTING

Paintings of famous events, battles

- 757 **PORTRAITURE**
Includes figure painting and painting of portrait miniatures
For Personal portraits, see 920
- 758 **LANDSCAPE STILL LIFE**
Includes seascapes, flower painting, animal painting
- 759 **HISTORY OF PAINTING**
Development, critical appraisal and collections of work of great periods and schools of painting
- 759.01-759.06 PERIODS OF PAINTING
Painting of the same chronological period extending over more than one country
For Painting in a particular country or of a specific artist, see 759.1-9 regardless of period
- .01 **Ancient Painting Primitive Painting**
Includes ancient decorative painting of the Orient, Egypt, Greece, and Rome; miniature painting of Persia
- .02 **Christian Painting (11th-12th-13th Century)**
Includes Early Christian, Byzantine, Romanesque and Gothic painting
- .03 **Renaissance Painting (14th-15th-16th Century)**
For Renaissance painting of a specific country, see 759.1-9, e.g. Italian Renaissance painters, 759.5
- .04 **17th and 18th Century Painting**
For 17th and 18th century paintings of a specific country, see 759.1-9, e.g. 18th century painting in England, 759.2
- .05 **19th Century Painting**
Includes impressionism (formerly classified in 759.914), neo-impressionism, and intimism
For 19th century painters of a specific country, see 759.1-9, e.g. Corot and the French impressionists, 759.4

- 759.06 **20th Century Painting**
Includes so-called "Modern or Contemporary" painting with its miscellaneous movements: cubism (formerly classified in 759.915), abstraction, dadaism, surrealism (formerly classified in 759.915)
For 20th century painting in a specific country, see 759.1-9, e.g. Dali and Spanish 20th century painters, 759.6
- 759.1-759.9 NATIONAL SCHOOLS OF PAINTING
Includes works of individual artists regardless of period or subject
- .1 **American Painting**
Includes United States and Canadian painters from John Copley, 18th; Inness, Whistler, 19th; to Marin, O'Keeffe, Sheeler, Stella, 20th century
- .11 **Canadian Painting**
- .13 **United States Painting**
- .2 **English Painting**
Includes painters from Hogarth and Reynolds, 18th; Turner, Wilson, Millais, 19th; John Seckert, and Paul Nash, 20th century
- .3 **German Painting**
Includes German, Austrian, Czechoslovakian, Polish, Hungarian painters from Dürer and Holbein, 16th; to Klee and Grosz, 20th century
- .4 **French Painting**
Includes painters from Poussin, 17th; Watteau and Chardin, 18th; Delacroix, Millet, Corot, Daumier, Manet, Degas, Cézanne, Gauguin, 19th; to Matisse, Braque, Rousseau, Rouault, 20th century
- .5 **Italian Painting**
Includes painters from Giotto, 14th; Fra Angelico, Botticelli, 15th; Leonardo, Michelangelo, Raphael, Titian, Tintoretto, 16th; Guardi, Tiepolo, 18th; to Chirico, 20th century; also futurism (formerly classified in 759.915)

- 759.6 **Spanish Painting**
Includes painters from El Greco, Velázquez, 17th; Goya, 18th; to Picasso, Miro, Dali, Zuloaga, 20th century
- .7 **Russian Painting**
Includes Chagall, Kandinski, 20th century
- .8 **Scandinavian Painting**
Includes Norwegian, Swedish, and Danish painters from Anders Zorn, 19th; to Linnquist, Grunewald, 20th century
- .9 **Other Schools of Painting**
- .91 It is recommended that **International Schools (Impressionism, Cubism, Surrealism)** be classified in 759.05-.06
- 759.93-759.99 OTHER NATIONAL SCHOOLS
may be divided like 930-999, except as provided above
- .9492 **Dutch Painting**
Includes Franz Hals, Rembrandt, Vermeer, Ter Borch, 17th; Van Gogh, 19th century
- .9493 **Flemish Painting**
Includes Van Eyck, Memling, 15th; Brueghel, 16th; Rubens, Van Dyck, 17th century
- .95 **Far Eastern Painting**
- .951 **Chinese Painting**
- .952 **Japanese Painting**
- .972 **Mexican School**
Includes Lazo, Siqueiros, Diego Rivera, Orozco, Covarrubias, Revueltas
- .98 **Latin American School**
Includes Portinari

760 PRINTS AND PRINT MAKING

Prints are products of processes that permit multiple copies to be made in limited editions by the original artist
Includes technique, materials, collecting

For Mechanically produced works, e.g. line plate, halftone, photogravure, offset, see 655.32; Techniques of specific processes, see process, e.g. How to do dry points, 767; Form divisions .1-.9, p. lv

761-767 DESIGN METHOD

Critical appraisal Work of individual artists Collection
Includes technique, materials

For Collections including more than one method, e.g. Etchings and engravings, see 769

761

RELIEF PRINTS

Wood cuts Wood engravings Linoleum blocks

Includes Japanese prints by Hiroshige, Hokusai; work of Holbein, Dürer, Maillol, Rockwell Kent, Eric Gill, Lynd Ward, Gauguin, Clare Leighton

.3

Linoleum Blocks

762

It is recommended that **INTAGLIO WORK** be classified in 765-767

763

SURFACE OR FLAT PRINTS

Lithographs

Includes work of Pennell, Daumier, Currier and Ives

765-767 INTAGLIO PRINTS

765

METAL ENGRAVINGS

Includes work of Hogarth, Brueghel

766

AQUATINTS MEZZOTINTS

- 767 **ETCHINGS DRY POINTS**
Includes work of Rembrandt, Goya, Whistler, John Taylor Arms, Benson, Brangwyn
- 769 **COLLECTIONS OF PRINTS**
Collections which illustrate various processes of print making and of interest from art standpoint
May be arranged by subject, form, locality or artist
For Collections representing one process, see process, e.g. Engravings of Eric Gill, 765; Illustrations of animals of interest because of subject, not art, see animal, e.g. Dog pictures, 636.77

770 PHOTOGRAPHY

For Form divisions .3-.9, see p. lv; exceptions .1-.2 follow:

- 770.1 **Photographic Theory**
Theories of physical, mechanical, chemical influences on photographic preparations
Includes photographic optics
- .2 **Photographic Methods**
Elementary operations of photographic processes, e.g. exposure, developing, fixing, printing, retouching, finishing, toning
Includes amateur photography
- 771 **PHOTOGRAPHIC MATERIALS**
Includes photographic studios, dark rooms, laboratories
- .3 **Cameras and Accessories**
Cameras (box, folding, reflex, candid, miniature, moving picture, special cameras, e.g. stereo, panoramic, aerial)
Camera parts and accessories (lenses, shutters, finders, filters, tripods)
- .5 **Photographic Chemicals**
Preparation and use, from photographic viewpoint, of chemical materials used in photography (support materials; sensitive preparations; photographic baths and mixtures; printing, emulsion, coating materials)
For Chemical action and influence of light, see Photochemistry, 541.35; Manufacture of photographic compounds, 661.7
- 772 **METALLIC SALT PROCESSES OF PHOTOGRAPHY**
Materials Equipment Methods
Processes using various metallic salts, e.g. silver, iron, platinum, palladium (Daguerreotype, ferrotype or tintype, platinotype process, ferroproussiate process, cyanotype, Kallitype)
- 773 **PIGMENT PROCESSES OF PHOTOGRAPHY**
Materials Equipment Methods
Includes carbon, carbro, gum-bichromate, bromoil, diazo processes

774-777

*It is recommended that Photomechanical processes
be classified in 655.32*

778 APPLIED PHOTOGRAPHY

.1 Photocopying

Includes photostats

For Microphotography, see 778.3; Blueprints, 744.5

.2 Photographic Projection

Includes projectors, projector screens

.3 Scientific Photography

Scientific applications of photography, e.g. photomicrography or photography of minute objects by aid of microscope; microphotography or production of photographs of microscopic size; telephotography, radiography, infra-red and ultra-violet photography, aerial photography, high-speed photography, photogrammetry

For Specific applications, see fields to which applications are made, e.g. Photogrammetric methods in Topographic surveying, 526.98; Biological microphotography, 578

.4 Stereoscopic Photography

Photography of a subject from two different points apart, e.g. width of the eyes

.5 Cinematography

Photography of moving pictures
Includes sound films; newsreels; animated cartoons; color movies, e.g. Technicolor, Kinemacolor

For Moving picture production, see 792.93; Reproduction of sound in moving pictures, 621.345

778.6 Panchromatic and Color Photography

Includes photography of colored objects and natural color photography

Additive processes: Trade names include Autochrome, Filmcolor, Dufaycolor, Finlay color

Subtractive processes: Trade names include Kodachrome, Ektachrome, Kodacolor, Kotavachrome, Agfacolor, Ansco color, Printon, Casparcolor

Color prints: Trade names include Tricolor Carbro, Bclcolor, Chromatone, Wash-Off Relief, Kodak Dye Transfer, Duxochrome or Colorstil, Pinatype, Jos Pe, Autotype-Dyebro

For Color moving pictures, see 778.5

.7 Photography under Special Conditions

Outdoor, indoor, submarine, arctic or cold temperature, tropic or hot weather

.8 Trick Photography

Includes table-top photography, multiple photographs of the same object, photographs of specters, silhouette photography

.9 Photography of Special Subjects

Includes portraits; photography of animals, children, plants, clouds, mountains

779 COLLECTIONS OF PHOTOGRAPHS

780 MUSIC

Music and literature about music
Includes musicology

Music may be separated from works about music by prefixing M to class number

For Form divisions .2-.6, .8-.9, see p. lv, .1 and .7 follow:

- 780.07 **Music and Musicians in Relation to Society, the Arts**
Includes amateurs, the public, patronage, music in the home (formerly classified in 780.13)
For Copyright of music, see 655.6
- .071 **Musicians**
Duties Activities Professional ethics
Includes composers, interpreters and performers, e.g. bards, minstrels, Meistersingers
For Biography of individual musicians, see 927.8 or 780.92
- .072 **Critics Musical Criticism**
It is recommended that Analytical guides (program notes) be classified in 780.15
- .1 **Philosophy Esthetics**
- .13 **Value of Music**
Influence and effect of music in industry, hospitals, character training; musical therapeutics
It is recommended that Music in the Home be classified in 780.07
- .15 **Appreciation**
Includes analytical guides (program notes) too general to class with specific works or composers
Analytical guides were formerly classified in 780.072
- .7 **Study and Teaching**
- .72 **Musical Conservatories, Schools, Courses**
Includes methods of teaching music in general schools
For Place of music in curricula, see 375.78; Music in elementary schools, 372.878

- 780.73 **Concerts Concert and Recital Programs**
Programs too general to class elsewhere
For Programs of specific type, see type of concert, e.g. Chamber music programs, 785.7
- .77 **Methods of Teaching Music**
Includes dictation, ear training, pitch perception, eye training, music reading, sight reading
For Methods for specific medium, see medium, e.g. Teaching violin, 787.1
- .9 **History of Music**
Includes theories and forms (formerly classified in 781.7)
May be divided like 930-999
- 781 **THEORY AND TECHNIQUE OF MUSIC**
For Nomenclature and terminology, see 780.3
- .1 **Scientific Theories**
Mathematical theory of music Acoustics in music Psychology of music Color and music
- .2 **Principles of Music**
- .22 **Sound from Music Viewpoint**
Pitch, scales, intervals, chords, tonalities
- .24 **Music Notation**
Music writing
Includes systems of notation; ncumes, tablature, notation for blind, reform proposals
- .3 **Harmony Thorough-bass**
Includes figured bass, keyboard harmony, modulation
For Realization of figured bass at sight, see 781.66
- .4 **Counterpoint**
Includes canon, fugue
- .41 **Melody**
- .5 **Musical Form**
For Specific forms of music, see form under medium, e.g. Piano sonatos, M786.4

- 781.6 **Composition** **Performance**
- 781.61-781.63 COMPOSITION
- .61 **Composition**
 Includes vocal and instrumental composition and arranging
- .62 **Special Phases**
 Rhythm and meter
- .63 **Writing for Instruments**
 Includes writing for orchestra, band, dance orchestra
 For Conducting, see 785-789
- 781.64-781.67 PERFORMANCE
 For Performance in specific medium, see medium, e.g. Violin performance 787.1; Conducting, 785-789
- .64 **Transposition**
- .65 **Interpretation** **Improvisation** **Phrasing**
 Memorizing
- .66 **Accompanying** **Realization of Figured Bass at Sight**
- .67 **Embellishment**
- .7 It is recommended that **Theory and Form** be classified with **History of Music**, 780.9
- .8 It is recommended that **Ancient Music** be classified with **History of Ancient Music**, 780.93
- .9 **Other Techniques in Music**
- .97 **Music Bibliography**
 Bibliographies of music and works about music
 Includes catalogs of public and private libraries, publishers, dealers; and thematic and other catalogs of composers
 Where interest in bibliographies of works about music lies chiefly in relation to bibliography, class in 016
- .98 **Publishing**
 Includes printing, selling

- 782 **DRAMATIC MUSIC** **THEATER MUSIC**
 Includes original music and selections from it
 For Theatrical production, see 792.9
- .08 **Collections**
 Includes collections of stories from operas
- .1 **Operas**
 Includes grand; comic and satiric (formerly classified in 782.6); bouffe (formerly classified in 782.7); operetta (formerly classified in 782.8)
 May be arranged in single alphabet by name of composer
- .6 It is recommended that **Comic and Satiric Opera** be classified in 782.1
- .7 It is recommended that **Bouffe Opera** be classified in 782.1
- .8 **Theater Music** **Secular Cantatas**
 Includes musical comedy, revues, film music
 It is recommended that Operettas be classified in 782.1
 For Sacred cantatas, see 783.4
- .9 **Pantomime** **Masque** **Ballet** **Pageant**
- 783 **CHURCH MUSIC**
 For Hymnology, sacred poetry and hymns without music, see 245; Hymns with music, 783.9; Vocal solos, 784.3
- .1 It is recommended that **Organ Music** and **Organ Accompaniment** be classified in 768.8; **Instrumental Music with Instrument**
- .2 **Liturgical and Ritualistic Music**
 Music for public worship and prayer of all religions and sects
 Includes mass and missals: Kyrie, Gloria in excelsis, credo; offertory, gradual, tract; requiems; choral services: morning and evening services, matins, vespers, complines, litanies, antiphonies, responses; special seasons: Advent, All Saints, Lent
 For Excerpts published or set separately, see 783.4

- 783.3 **Oratorio** **Passion Music** **Christmas Drama**
Music whose accompaniment was originally for orchestra
- .4 **Anthems** **Motets** **Sacred Cantatas** **Choruses**
Unaccompanied choruses Accompaniment not originally
composed for orchestra
- .5 **Chants**
Includes Gregorian, Anglican
- .6 **Carols**
For Chorals set for congregational singing, see 783.9
- .7 **Evangelistic Music**
Includes mission, revival, Sunday school music
For Evangelistic hymnals, see 783.9
- .8 **Church Choirs**
Includes training
For Choruses and their training in general, see 784.96
- .9 **Congregational Singing**
Includes chorals for congregational singing, hymns
For Hymns without music, see 245
- 784 **VOCAL MUSIC**
With or without accompaniment
Includes sacred and secular songs
Vocal music is arranged by kinds, c.g. folk, community, madri-
gals
Where necessary it may be arranged under kind by (1) voice,
c.g. children, women, men; (2) accompaniment, c.g. unaccom-
panied, keyboard, orchestra; (3) number of voice parts
For Dramatic music, see 782; Sacred, 783
- .061-.068 It is recommended that the arrangement above (784)
be used instead of that suggested in previous editions
in .061-.068
- .1 **Chorus and Part Songs**
Accompaniment not originally composed for orchestra
Includes madrigals, rounds

- 784.2 **Complete Choral Works**
Accompaniment originally intended for orchestra
For Selections, see medium of performance
- .3 **Solo Songs**
Songs which are composed and not provided for in 784.4-.7
- .4 **Folk Songs**
Musical repertory and tradition of communities
For American-Negro folk songs, see 784.756; National airs
and songs, 784.71
- .5 **Festivals** **Competitions**
- .6 **Community Songs** **Student Songs** **Society Songs**
- .61 **Community Songs** **Home Song Books** **Popular
Songs**
- .62 **Student Songs**
Includes songs of colleges, professional and technical schools
- .624 **School Songs** **Children's Songs**
Includes songs of elementary and secondary schools
- .625 It is recommended that **Kindergarten Songs** be clas-
sified in 372.21
- .66 **Special Group Songs**
Includes Rotary, Lions songs
- .68 **Topical Songs**
Includes songs on temperance, baseball
- .7 **Other Songs**
- .71 **National Airs** **Songs** **Hymns**
Includes martial and political songs
- .75 **Songs of Groups Not Otherwise Provided for**
Includes Gypsy and American Indian songs
- .756 **American-Negro Songs and Spirituals**

- 784.8 **Collected Songs**
 May be arranged like 784
 For Community songs, popular songs and home song books,
 see 784.61
- .9 **Performance**
 Includes solo and ensemble
- .92 **Physiology of Voice**
 For Voice and speech in physiology, see 612.78
- .93 **Voice Training**
 Vocal exercises, breathing, pronunciation, tone formation,
 vowel formation, vowel exercises, whistling
 For Speech or public speaking, see 808.5
- .94 **Special Methods**
 Sight singing methods, solfeggios, sol-fa
- .95 **Concert and Dramatic Performance**
- .96 **Performance in Concert Choruses**
 Chorus training and conducting
 For Church choirs, see 783.8; Choral speaking, 808.55

785-789 INSTRUMENTS AND INSTRUMENTAL MUSIC

History Manufacture Repair Instruction
 Technique Conducting

For Specific instrument or music written or arranged for it, see instrument, e.g. Conducting symphonic music, 785.11; Music for viola, 787.2

785 INSTRUMENTAL ENSEMBLES

- .1 **Orchestras and Orchestral Music**
 Includes orchestral arrangement of instrumental music
 For Concertos, see 785.6
- .11 **Symphony Orchestras and Symphonic Music**
 Includes symphonies, symphonic poems, variations

- 785.2 **Orchestras and Orchestral Music with Incidental Vocal Music**
 For Cantatas, see 782.8, 783.4; Oratorios, see 783 and 784
- .4 **Dance, Salon, Theater and Reduced Orchestras and Music**
- .42 **Jazz Orchestras and Jazz**
- .5 **Overture**
 Includes opera overtures for concert performances
- .6 **Concerto**
 Composition in which one or more solo instruments stand out against the orchestra
 Includes concerti grossi
 Full score and parts may be divided by solo instrument, e.g. violin concerto, 785.671; Piano concerto, 785.662
- .7 **Chamber Orchestra**
 Music suitable for performance in a moderate size room with not more than one player to a part and parts of equal importance
 Usually implies two or more persons
 Scores may be arranged by composer Scores and parts or parts only may be arranged by number of parts, e.g. trio, quartet
- .8 **Suites**
 Includes ballet suites
- .9 It is recommended that **Arrangements, Transcriptions** be classified with **Medium**, e.g. **Orchestral Arrangement of instrumental composition**, 785.1
- 786 **KEYBOARD INSTRUMENTS**
 For Duos with keyboard and non-keyboard instruments, see non-keyboard instrument, e.g. Violin and piano, 787.1; Organ and piano, 786.8
- .2 **Piano**
 Includes early forms, forerunners, e.g. harpsichord, clavichord, spinet, virginal

- 786.23 **Manufacture** **Tuning** **Repair**
- .3 **Instruction**
- .36 **Elementary**
- .37 **Intermediate**
- .38 **Advanced**
- .4 **Piano Music**
 Music composed and arranged for piano
 May be arranged by form or number of pianos or performers
- .6 **Organ**
- .63 **Manufacture** **Tuning** **Repair**
- .7 **Instruction**
- .8 **Organ Music**
 Includes church organ music (formerly classified in 783.1), organ and piano music
- .9 **Other Keyboard Instruments**
 Includes electronic and semi-electronic organs, e.g. Hammond, Novaehord; aceordian
 It is recommended that **Music for all types of organs** be classified in 786.8
- 787 **STRING INSTRUMENTS**
 Includes string orchestras, duos with string instrument and keyboard instrument
- .04 **String Chamber Music**
 Three to ten instruments, with or without keyboard instruments, and duos not employing keyboard instrument
 May be arranged like 785.7
 For Arrangement keeping all chamber music together, use 785.7
- .1 **Violin**
- .2 **Viola**
- .3 **Violoncello**

- 787.4 **Other Double Bass Instruments**
 Includes contra bass
- .5 **Harp**
- .6 **Lute**
- .61 **Guitar** **Balalaika**
- .65 **Mandolin**
- .7 **Banjo**
- .8 **Zither and Other Plectral Instruments**
- .9 **Other Plectral Instruments**
 Includes ukeleles
- .95 **Ensembles**
- 788 **WIND INSTRUMENTS**
 Includes duos with wind and keyboard instrument, bands and band music
- .04 **Wind Chamber Music**
 May be arranged like 785.7
 For Arrangement keeping all chamber music together, use 785.7
- .07 **Band Conducting**
 Includes drum majoring
- .1 **Trumpet** **Cornet** **Bugle**
 Cornet was formerly classified in .3
- .2 **Trombone**
- .3 **Mellophone** **Alto Horn**
 It is recommended that **Cornet** be classified in .1
- .4 **French Horn**
- .47 **Baritone, Euphonium**
- .48 **Bass Horn** **Tuba** **Sousaphone**
- .49 **Other Brass Wind Instruments**
- .5 **Flute** **Piccolo** **Fife** **Flageolet** **Recorder**
 Ocarina

- 788.6 **Clarinet** **Bass Clarinet** **Basset-horn**
 .66 **Saxophone**
 .7 **Oboe** **English Horn**
 .8 **Bassoon** **Double Bassoon**
 .9 **Other Reed Wind Instruments**
 Includes bagpipe, alpenhorn, harmonica
- 789 **PERCUSSION INSTRUMENTS**
MECHANICAL REPRODUCTION OF MUSIC
- .1 **Membranophones**
 Includes drums
- .4 **Percussion Instruments Without Pitch**
 Includes castanets, maracas
- .5 **Percussion Instruments with Pitch**
 Includes bells, chimes, carillon, hand bells for change ringing
- .6 **Other Percussion Instruments with Pitch**
 Includes glockenspiel, marimba, xylophone, celesta
- 789.7-789.9 **MECHANICAL REPRODUCTION OF MUSIC**
- .7 **Mechanical Instruments and Devices**
 Includes barrel organ, orchestrion, hurdy gurdy
- .8 **Music Boxes**
- .9 **Electrophones**
 Includes theraminvot, emicon
 For Specific instruments, see prototype, e.g. Hammond organ, 786.9
- .91 **Phonographs**
- .912 **Phonograph Records**
- .913 **Catalogs of Records**

790 RECREATION

Includes amusements, hobbies, recreation or community centers
 For Individual hobbies, see specific numbers, e.g. Philately, 383.22; Form divisions .1-9, p. lv

- 791 **SHOWS**
 Includes traveling shows, concerts, tournaments, public fêtes
- .1 **Minstrel Shows**
 Staging Direction Production
 It is recommended that **Conjuring** and **Ventriloquism** be classified in 793.8
 For Minstrel show sceuarios, see 800
- .3 **Circus**
 It is recommended that **Horse shows** be classified in 798
- .5 **Puppets**
 Art and technique of puppetry (making and operating marionettes and puppets, staging and producing puppet-plays)
 For Shadow pantomimes and plays, see 800
- .6 **Pageants**
- .8 **Animal Shows**
 Includes bull-fights, cock-fighting, rodeos
 For Horse shows, see 798
- 792 **THEATER**
 Includes stage, screen, radio, television; little, group, or experimental theater movement
 For Architecture of theaters, see 725.8; Dramatic music, 782; Dramatic composition and collections, see appropriate divisions in 800
- .01 **Dramatic Criticism**
 For Criticism of the drama as literary work, see 800's

- 792.02 **Theater Handbooks**
Handbooks of theater practice, e.g. direction and production, acting, stage design, stage lighting, theatrical make-up, costume design and costuming, sound effects
For Theatrical production, see 792.9
- .09 **History of Theater**
- .8 **Ballet**
Includes choreography, ballet dancing
For Ballet music, see 782.9
- .9 **Theatrical Production**
- .92 **Stage Show Production**
- .93 **Moving Picture Production**
For Cinematography, see 778.5; Photoplay scenario writing, 808.23; Moving pictures in education, 371.335
- .94 **Radio Show Production**
For Radio communication, see 384.5; Radio engineering and broadcasting, 621.384; Radio scripts and how to write them, 808.22; Radio in education, 371.333
- .95 **Television Show Production**
For Television communication, see 384.55; Television engineering and broadcasting, 621.388; Television authorship, 808.22; Television in education, 371.335
- 793 **PARTIES OTHER ENTERTAINMENT**
Includes tableaux, charades
For Special day entertainments, see 394.26
- .3 **Dancing**
- .31 **Folk and National Dances**
- .32 **Theatrical Dancing**
Includes classical dancing, interpretative dancing, tap dancing
- .33 **Ballroom Dancing**
Includes waltz, fox trot, tango, rumba, conga, samba, jitterbug dancing

- 793.34 **Square Dances Country Dances**
Includes quadrille, Virginia reel
- .7 **Puzzles**
Includes riddles, quizzes, contests, literary and mathematical games, e.g. anagrams, crossword puzzles, acrostics, mathematical puzzles and tricks
- .8 **Conjuring**
Includes juggling, legerdemain, prestidigitation, tricks, ventriloquism (formerly classified in 791.1)
For Card tricks, see 795.43
- 794 **CHESS CHECKERS**
- .1 **Chess**
- .2 **Checkers**
Includes gobang
- .6 It is recommended that **Bowling** be classified in 796.31
- .7 It is recommended that **Pool and Billiards** be classified in 796.3
- 795 **CARD AND TABLE GAMES**
- .1 **Dice Games**
Includes backgammon, craps
- .2 **Roulette**
Includes similar wheel and top games
- .3 **Dominoes**
Includes other games in which numbers or counters are drawn, e.g. Mah jong, lotto, monopoly
- .4 **Cards**
Includes poker, pinochle, rummy, canasta, solitaire
- .41 **Bridge**
Whist, auction, contract, five-suit bridge
- .43 **Card Tricks**
For Fortune-telling with cards, see 133.3

796 ATHLETICS AND SPORTS

Includes children's games

*For Physical education in schools, see 371.73; Intramural athletics and games, 371.74; Interschool athletics and games, 371.75; Form divisions, p. lv***.3 Ball Games**

Includes all ball games, except those below:

May be arranged alphabetically

.31 Bowling

Formerly classified in 794.6

.32 Basketball**.33 Football**

Includes Rugby, soccer

.34 Tennis

Includes badminton, ping-pong

.35 Golf**.357 Baseball****.4 Gymnastics Track Athletics**

Includes calisthenics, acrobatics

.48 Olympic Games**.5 Outdoor Life**

Includes dude ranches

.51 Walking**.52 Mountain Climbing****.54 Camping**

Includes manuals for camp counselors

.6 Cycling

Includes bicycles, motorcycles

.7 Automobiling

Includes wandering vacations by car, with or without a trailer

796.72 Automobile Racing

Includes racing of miniature and soap-box automobiles

.8 Combat Sports**.81 Wrestling****.83 Boxing**

Includes prize fighting, sparring, bag punching

.84 Jujitsu**.86 Fencing****.9 Winter Sports**

Includes iceboating, sleighing, tobogganing, snowshoeing

.91 Skating

Includes ice dancing, ice shows

.93 Skiing**.96 Ice Games**

Includes ice hockey, curling

797 AQUATIC SPORTS AIR SPORTS**.1 Boating**

Includes canoeing, rowing, sailing (small boats), motorboating

*For Seamanship, see 623.88; Ship models, 623.82***.14 Yachting**

Includes yacht sailing and racing

.2 Swimming

Includes diving, aquatic games and stunts, water pageants

.5 Air Sports

Includes airplane racing, gliding for sport

*For Aircraft models and model making, see 629.131***798 EQUESTRIAN SPORTS RACING**

Includes Horse shows (formerly classified in 791.3)

.2 Horsemanship

Includes horse training

- 798.4 **Horse Racing**
Includes bookmaking
- .8 **Dog Racing**
- 799 **HUNTING SPORTS**
Includes fishing, hunting, shooting
For Hunting, trapping, fishing as an occupation, see 639; Conservation of wild life, 333.78
- .1 **Fishing**
Includes all methods of fishing in fresh and salt water; fishing tackle, artificial flies
- .2 **Hunting**
Includes hunting with retrievers, pointers; selection, care, use of hunting guns
- .24 **Bird Hunting**
Includes decoys
- .25 **Falconry and Other Special Hunting Methods**
Includes coursing, jack hunting, drag hunting
- .3 **Shooting**
For Game shooting, see 799.2; Gunnery, 623.5
- .31 **Target Practice**
Includes trapshooting, skeet shooting; selection, care, use of sporting guns
- .32 **Archery**
Includes bow and arrow

800 Literature

Classification of literature except that of United States is by language, not by nation. Librarians may separate their national literature from other literature in the language by adding letters or symbols to class numbers, e.g. Chilean literature C860

Literary works of modern authors who write in several languages or whose native language cannot be established, may be classified in the literature of language in which works are written

Fiction is seldom classified but is sometimes distinguished by "F," and arranged alphabetically or Cuttered by author

Small libraries often classify all literature written or translated into English in 820-828, disregarding original language in which it was written

Literature, with the exception of 870 and 880 and specified parts of the 890's, may be divided according to literary form by adding the following numbers to the basic number of the literature

| | |
|-----------|--------------|
| 1 poetry | 5 oratory |
| 2 drama | 6 letters |
| 3 fiction | 7 satire |
| 4 essays | 8 miscellany |

e.g. German poetry, 831; Swedish poetry, 839.71; Irish drama, 891.622

Small libraries and others which consider it important to keep an author's work together, arrange all works in a specific literature alphabetically by author regardless of the form in which it is written, while academic libraries often consider further division of literary form by period necessary. For such libraries, chronological divisions may be found with each literature. However, if the national language is that of two or more nations, the national character of period divisions makes it awkward to expand beyond literary form

For Form divisions 01-03 and 05-07, see p. lv, 04, 08 and 09 follow:

- 804 **ESSAYS LECTURES ADDRESSES**
 Collections in which literature is the subject
 Distinction between following numbers for essays follows:
- 808.84 Collections of essays from several literatures written originally in different languages
- 04 (form division) Collections of essays about a literature, e.g. Collections of essays about English drama, 822.04
- 4 (literary form) Essays written in a particular language, e.g. English essays, 824
- 808 **LITERARY COMPOSITION RHETORIC**
 Material about literary composition and style
 For Collections of literature, see 808.8
- .06 **Writing for Publication**
 Includes "how to write for profit," business or career of writing
 For Aids for writing in form acceptable for publishing, see 029.6; Book clubs, 655.5
- .1 **Poetry**
 Includes prosody (formerly classified in 416, 426)
- .2 **Drama**
 For Texts of drama, see 812, and other drama numbers
- .22 **Radio and Television Script Writing**
- .23 **Moving Picture Scenario Writing**
- .24 **One-act Playwriting**
- .3 **Fiction**
- .31 **Short Story Writing**
- .4 **Essays**
- .5 **Speech Public Speaking**
 Techniques for delivering public addresses, radio speeches, after-dinner speeches, toasts and speeches for special occasions

- 808.52 **Voice Expression Gesture**
 Includes speech correction
 For Voecal culture, see 784.93; Training of speech defectives, 371.914
- .53 **Debating**
 Includes round table and forum discussions
 For Organization of discussion groups in adult education, see 374.24
- .54 **Reading Techniques**
 Includes public speaking, oral interpretation and dialects
 For Learning to read in elementary schools, see 372.4; Remedial reading, 428.4
- .55 **Choral Speaking**
- .6 **Letters Diaries**
 Where interest in letters and diaries lies chiefly in their relation to biography, class in 920
- .7 **Satire Humor**
- .8 **Collections from Several Literatures Written Originally in Different Languages**
 Includes recitations and readings
 For Collections relating to specific subject, e.g. Collections of writings on history, 908
 May be divided like 801.1-801.7, e.g. Collections of poetry, 808.81
- .88 **Quotations**
 For Riddles, see 398.6; Proverbs, 398.9
- 809 **HISTORY OF LITERATURE**
 Literatures written originally in several languages
 May be divided like 808.1-808.7, e.g. History of fiction, 809.3

810 AMERICAN LITERATURE

Includes Canadian literature which may be distinguished from United States literature by adding C to notation. If it seems desirable to separate Canadian literature, English-Canadian may be classified here and French-Canadian in 840. Some libraries do not distinguish between American and English literature, classifying both literatures in 820

May be divided by literary form divisions as given on p. 399, e.g. American satire, 817; and if it seems desirable to divide literary form by period, following table may be used

- .1 Colonial era (1607-1776)
- .2 Post-revolutionary era (1777-1830)
- .3 Middle 19th century (1831-1861)
- .4 Later 19th century (1862-1900)
- .5 20th century (1901-)

e.g. American poetry in later 19th century, 811.4

For *Collections of English and American literature*, see 820

820 ENGLISH LITERATURE

821-828 is expanded as an example of the application of literary form divisions and period divisions of a national literature

For Form divisions, see p. lv

821 ENGLISH POETRY

For Form divisions .01, .08, .09, see p. lv, .02-.07 have been expanded for types of poetry, therefore regular form divisions are .002-.007

- .02 **Dramatic**
- .03 **Romantic and Epic**
- .04 **Lyric, Ballads**
- .05 **Didactic**
- .06 **Descriptive**
- .07 **Satiric and Humorous**
- .1 **Early English (1066-1400)**
Includes Layamon, Chaucer
- .2 **Pre-Elizabethan (1401-1558)**
- .3 **Elizabethan (1559-1625)**
Includes Spenser, Sir Philip Sidney
- .4 **Post-Elizabethan (1626-1702)**
Includes Suckling, Herrick, Lovelace, Milton, Dryden
- .5 **Queen Anne (1703-1745)**
Includes Pope
- .6 **Later 18th Century (1746-1800)**
Includes Gray, Cowper, Burns
- .7 **Early 19th Century (1801-1837)**
Includes Wordsworth, Byron, Shelley, Keats
- .8 **Victorian Period (1838-1900)**
Includes Tennyson, the Brownings, Swinburne, Bridges

- 821.9 **20th Century (1901-)**
Includes Masfield, Noyes, de la Mare, the Sitwells, T. S. Eliot, Spender, Housman, Auden, Davies
- 822 **ENGLISH DRAMA**
Includes radio, television, motion picture plays
- .1 **Early English (1066-1400)**
- .2 **Pre-Elizabethan (1401-1558)**
- .3 **Elizabethan (1559-1625)**
Includes Shakespeare, Ben Jonson, Beaumont and Fletcher
- .4 **Post-Elizabethan (1626-1702)**
Includes Wycherly, Congreve
- .5 **Queen Anne (1703-1745)**
Includes John Gay
- .6 **Later 18th Century (1746-1800)**
Includes Sheridan
- .7 **Early 19th Century (1801-1837)**
- .8 **Victorian Period (1838-1900)**
Includes Barrie, Wilde
- .9 **20th Century (1901-)**
Includes Galsworthy, Shaw
- 823 **ENGLISH FICTION**
Includes short stories
- .1 **Early English (1066-1400)**
- .2 **Pre-Elizabethan (1401-1558)**
- .3 **Elizabethan (1559-1625)**
- .4 **Post-Elizabethan (1626-1702)**
Includes Bunyan
- .5 **Queen Anne (1703-1745)**
Includes Defoe, Fielding

- 823.6 **Later 18th Century (1746-1800)**
Includes Richardson, Sterne, Goldsmith
- .7 **Early 19th Century (1801-1837)**
Includes Scott, Jane Austen
- .8 **Victorian Period (1838-1900)**
Includes the Brontës, Thackeray, Dickens, Kingsley, Trollope, George Eliot, Hardy, Stevenson
- .9 **20th Century (1901-)**
Includes Bennett, Conrad, Galsworthy, Walpole, Maugham, Wells, Joyce, Woolf
- 824 **ENGLISH ESSAYS**
- .3 **Elizabethan (1558-1625)**
- .4 **Post-Elizabethan (1626-1702)**
- .5 **Queen Anne (1703-1745)**
Includes Addison, Steele
- .6 **Later 18th Century (1746-1800)**
Includes Samuel Johnson
- .7 **Early 19th Century (1801-1837)**
Includes Lamb, Hazlitt
- .8 **Victorian Period (1838-1900)**
Includes Carlyle, Ruskin
- .9 **20th Century (1901-)**
Includes Belloc, Chesterson, Beerbohm, Alice Meynell
- 825 **ENGLISH ORATORY**
May be divided by periods like 821
For Techniques of public speaking, see 808.5
- .6 **Later 18th Century (1746-1800)**
Includes Burke, Pitt
- 826 **ENGLISH LETTERS**
May be divided by periods like 821

827 ENGLISH SATIRE AND HUMOR

May be divided by periods like 821

828 ENGLISH MISCELLANY

Includes anecdotes, anagrams, epigrams, quotations, epitaphs, literary works that cannot be classified under other literary forms

May be divided by periods like 821

For Anecdotes devoted to specific subjects, see subject, e.g. Riddles, 398.6; Proverbs, 398.9

829 OLD ENGLISH (ANGLO-SAXON)
LITERATURE

- .1 Poetry
- .2 Caedmon
- .3 Beowulf
- .4 Cynewulf
- .5 Homilies and Religious
- .7 Alfred the Great
- .8 Miscellaneous
- .9 Historical and Biographical Writings

830 GERMAN LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. German satire, 837; and if it seems desirable to divide literary form by periods, following table may be used

- .1 Before Crusades (-1150)
- .2 Middle high (1151-1300)
- .3 Period of decline (1301-1517)
- .4 Reformation (1518-1625)
- .5 Period of imitation (1626-1750)
- .6 Classical period (1751-1830)
- .7 Post-classical period (1831-1856)
- .8 Later 19th century (1857-1900)
- .9 20th century (1901-)

e.g. German drama in the Classical period, 832.6

For Example of form and period expansion, see English literature, 820

838.99 Yiddish Literature

Yiddish literature was formerly classified in 892.49

839 OTHER GERMANIC LITERATURES

Includes Frisian, Anglo-Frisian, Old Saxon and Gothic

.3 Netherlandish and Low German Literatures

.31 Dutch Literature

May be divided by literary form divisions as given on p. 399, e.g. Dutch drama, 839.312; and if it seems desirable to divide literary form by period, following table may be used

- 1 Middle ages (1201-1450)
- 2 Renaissance (1451-1600)
- 3 Baroque (1601-1700)
- 4 Rationalism (1701-1800)
- 5 19th century (1801-1900)
- 6 20th century (1901-)

e.g. Dutch drama in the 19th century, 839.3125

For Example of form and period expansion, see English literature, 820

839.32

Flemish Literature

May be divided by literary form divisions as given on p. 399, e.g. Flemish essays, 839.324; and if it seems desirable to divide literary form by period, divide like Dutch period divisions, 839.31

For Example of form and period expansion, see *English literature*, 820

.36

Afrikaans

May be divided by literary form divisions as given on p. 399, e.g. Afrikaans poetry, 839.361

.4

Plattdeutsch (Modern Low German) Literature

.5

Scandinavian Literatures

.6

Old Norse Icelandic Faroese

.7

Swedish Literature

May be divided by literary form divisions as given on p. 399, e.g. Swedish poetry, 839.71; and if it seems desirable to divide literary form by period, following table may be used

- 1 Middle ages (1201-1520)
- 2 Reformation (1521-1640)
- 3 Age of Stjernhjelm (1641-1740)
- 4 Age of Dalin (1741-1780)
- 5 Age of Gustavus (1781-1800)
- 6 19th century (1801-1900)
- 7 20th century (1901-)

e.g. Swedish fiction in the 19th century, 839.736

For Example of form and period expansion, see *English literature*, 820

.8

Danish and Norwegian Literature

839.81

Danish Literature

May be divided by literary form divisions as given on p. 399, e.g. Danish letters, 839.816; and if it seems desirable to divide literary form by period, following table may be used

- 1 Middle ages (1101-1500)
- 2 Reformation (1501-1560)
- 3 Learned period (1561-1700)
- 4 Age of Holberg (1701-1750)
- 5 Period of enlightenment (1751-1800)
- 6 19th century (1801-1900)
- 7 20th century (1901-)

e.g. Danish poetry in the Age of Holberg, 839.8114

For Example of form and period expansion, see *English literature*, 820

.82

Norwegian Literature

May be divided by literary form divisions as given on p. 399, e.g. Norwegian miscellany, 839.828; and if it seems desirable to divide literary form by period, use Danish period table above, e.g. Norwegian satire in the Learned period, 839.8273

For Example of form and period expansion, see *English literature*, 820

840 FRENCH LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. French drama, 842; and if it seems desirable to divide literary form by period, following table may be used

- .1 Early French (842-1400)
- .2 Transition period (1401-1500)
- .3 Renaissance (1501-1600)
- .4 Classical period (1601-1715)
- .5 18th century (1716-1789)
- .6 Revolution and Empire (1790-1815)
- .7 Constitutional monarchy (1816-1848)
- .8 Later 19th century (1849-1900)
- .9 20th century (1901-)

e.g. French fiction in the 20th century, 843.9

For Example of form and period expansion, see *English literature*, 820

849 PROVENÇAL LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Provençal poetry, 849.1; and if it seems desirable to divide literary form by periods, following table may be used

- 1 1st period (900-1100)
- 2 Golden age (1101-1300)
- 3 Aftermath (1301-1500)
- 4 Decadence (1501-1900)
- 5 20th century (1901-)

e.g. Provençal poetry in the Golden age, 849.12

For Example of form and period expansion, see *English literature*, 820

.9 CATALAN LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Catalan poetry, 849.1; and if it seems desirable to divide literary form by period, following table may be used

- 1 1st period (1201-1350)
- 2 2nd period (1351-1450)
- 3 Age of perfection (1451-1500)
- 4 Modern period (1841-1900)
- 5 20th century (1901-)

e.g. Catalan drama in the Age of perfection, 849.923

For Example of form and period expansion, see *English literature*, 820

850 ITALIAN LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Italian letters, 856; and if it seems desirable to divide literary form by period, following table may be used

- .1 Early Italian (-1375)
- .2 Period of classical learning (1376-1492)
- .3 Age of Leo the Tenth (1493-1542)
- .4 Later 16th century (1543-1585)
- .5 Period of decline (1586-1748)
- .6 Period of renovation (1749-1814)
- .7 Early 19th century (1815-1859)
- .8 Later 19th century (1860-1900)
- .9 20th century (1901-)

e.g. Italian fiction in Early 19th century, 853.7

For Example of form and period expansion, see *English literature*, 820

859 RUMANIAN LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Rumanian humor, 859.7

.9 ROMANSCH (Rhetic) LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Romansch drama, 859.92

860 SPANISH LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Spanish poetry, 861; and if it seems desirable to divide literary form by period, following table may be used

- .1 Early Spanish (-1369)
- .2 Age of imitation (1370-1516)
- .3 Golden age (1517-1700)
- .4 18th century (1701-1800)
- .5 19th century (1801-1900)
- .6 20th century (1901-)

e.g. Spanish drama in 18th century, 862.4

For *Example of form and period expansion*, see *English literature*, 820

LATIN AMERICAN LITERATURES

Following is recommended for libraries in Latin American countries, but may also be used elsewhere. National literatures in Spanish language may be separated from Spanish literature within 860 by following method: Latin American literature, prefix "L" before notations, e.g. History of Latin American literature, L860.9; Latin American poetry, L861; Countries may be treated similarly, e.g. Mexican literature, M860; Mexican poetry, M861

If it seems desirable to divide literary form by period, following may be used

- .1 Colonial period and period of struggle for independence (1519-1826)
- .2 19th century before Modernism (1827-1888)
- .3 Modernism Realism (1889-1910)
- .4 Contemporary period (1911-)

e.g. Latin American poetry in Contemporary period, L861.4

For *Brazilian literature*, see 869

869

PORTUGUESE LITERATURE

May be divided by literary form divisions as given on p. 399, e.g. Portuguese miscellany, 869.8

For *Example of form and period expansion*, see *English literature*, 820

BRAZILIAN LITERATURE

Following is recommended for libraries in Latin America but may also be used elsewhere. Brazilian national literature may be separated from Portuguese literature within 869 by prefixing "B" before notations, e.g. History of Brazilian literature, B869.09; Brazilian poetry, B869.1

.9

Galician

May be divided like Portuguese literature, 869, e.g. Galician essays, 869.94

870 LATIN LITERATURE

For Classical literature including both Greek and Latin, see 880

- 871 **LATIN POETRY**
Poetry not specifically of one type
Includes Lucretius, Ovid
For Dramatic, epic and lyric poetry, see 872, 873 and 874
- 872 **LATIN DRAMATIC POETRY**
Includes Plautus, Terence, Seneca
- 873 **LATIN EPIC POETRY**
Includes Virgil
- 874 **LATIN LYRIC POETRY**
Includes Catullus, Horace
- 875 **LATIN ORATORY**
Includes Cicero, Quintilian
- 876 **LATIN LETTERS**
Includes Pliny
- 877 **LATIN SATIRE AND HUMOR**
Includes Cato, Martial, Juvenal
- 878 **LATIN MISCELLANY**
Includes Caesar, Sallust, Livy, Seneca, Tacitus, Suetonius
- 879 **OTHER ITALIC, MEDIEVAL AND MODERN
LATIN LITERATURE (CHURCH LATIN)**
Includes literature of Romance languages
879 may be divided by literary form divisions as given on
p. 399, e.g. Medieval fiction, 879.3

880 GREEK LITERATURE

Includes Classical literature (Greek and Latin)

For Modern Greek literature, see 889

- 881 **GREEK POETRY**
Poetry not specifically of one type
For Dramatic, epic and lyric poetry, see 882, 883, 884
- 882 **GREEK DRAMATIC POETRY**
Includes Aeschylus, Sophocles, Euripides, Aristophanes
- 883 **GREEK EPIC POETRY**
Includes Homer, Hesiod
- 884 **GREEK LYRIC POETRY**
Includes Sappho, Pindar, Theocritus
- 885 **GREEK ORATORY**
Includes Demosthenes, Lycurgus
- 886 **GREEK LETTERS**
Includes Themistocles
- 887 **GREEK SATIRE AND HUMOR**
For Comedies of Aristophanes, see 882
- 888 **GREEK MISCELLANY**
Includes Herodotus, Thucydides, Xenophon, Plato, Aristotle,
Aesop, Plutarch
*For Platonic philosophy, see 184; Aristotelian philosophy,
185*
- 889 **HELLENIC GROUP, MODERN GREEK
LITERATURE**
May be divided by literary form divisions as given on p. 399, e.g.
Modern Greek poetry, 889.1

890 LITERATURE OF OTHER LANGUAGES

May be divided like 490-499

891 INDO-EUROPEAN LITERATURES

Includes Indo-Hittite

891.54, .62, .66, .7, .81, .84, .85, .86, .92, .93 may be divided by literary form divisions as given on p. 399, e.g. Irish poetry, 891.621

- .1 **Indo-Iranian and Indic Literatures**
- .2 **Sanskrit and Old Indic Literatures**
- .3 **Prakrit and Pali Literatures**
- .4 **Modern Indic Literatures**
Includes Hindi, Urdu, Bengali, Panjabi, Sindhi
- .5 **Iranian Literatures**
- .54 **Armenian Literature**
- .55 **Modern Persian Literature**
- .6 **Italo-Celtic and Celtic Literatures**
- .62 **Irish Literature**
- .66 **Welsh Literature**
- .69 It is recommended that **Basque Literature** be classified in 899.9
- .7 **Slavic Literature**
Includes Russian literature
May be divided by literary form divisions as given on p. 399, e.g. Russian satire, 891.77; and if it seems desirable to divide literary form by periods, following table may be used
 - 1 Old Russian (-1650)
 - 2 Age of classicism (1651-1800)
 - 3 19th century (1801-1900)
 - 4 20th century (1901-)
 e.g. Russian fiction in 19th century, 891.733
For Example of form and period expansion, see *English literature*, 820
- .79 **Ukrainian Literatures**

- 891.8 **Windish, Moravian, Slovak, Croatian, Polabian Literatures**
- .81 **Bulgarian Literature**
- .82 **Serbian Literature**
- .84 **Slovene Literature**
- .85 **Polish Literature**
- .86 **Czech (Bohemian) Literature**
- .9 **Baltic Literatures**
Includes Old Prussian, Latvian
- .92 **Lithuanian Literature**
- .93 **Lettish Literature**
- .99 **Other Indo-European Literature**
Includes Hittite
- .991 **Thraco-Illyrian Literature**
- 892 **SEMITIC LITERATURES**
892.1, .2, .3, .4, .49, .5 may be divided by literary form divisions as given on p. 399, e.g. Hebrew poetry, 892.41
 - .1 **Aramaic Literature**
 - .19 **Assyrian and Babylonian Literature**
 - .2 **Chaldean Literature**
 - .3 **Syrian Literature**
 - .4 **Hebrew Literature**
 - .49 It is recommended that **Yiddish Literature** be classified in 838.99
 - .5 **Samaritan Literature**
 - .6 **Phoenician, Punic, Carthaginian Literature**
 - .7 **Arabic Literature**
 - .8 **Ethiopian Literature**
For Hamitic Ethiopian literature, see 893.5
 - .9 **Himyaritic (Mineo-Sabean) Literature**

- 893 **HAMITIC LITERATURES**
893.1, .2, .3, .5 may be divided by literary form divisions as given on p. 399, e.g. Coptic poetry, 893.21
- .1 Old Egyptian Literature
 - .2 Coptic Literature
 - .3 Libyan Literature
 - .5 Hamitic Ethiopian Literature
- 894 **TUNGUZIC, MONGOLIC, TURKIC, SAMOYED, FINNO-UGRIC AND HYPERBOREAN LITERATURES**
- .1 Tunguzic Literature
 - .2 Mongolic Literature
 - .3 Turkic Literature
 - .35 Turkish Proper
 - .4 Samoyed Literature
 - .5 Finno-Ugric Literature
894.5-894.55 may be divided by literary form divisions as given on p. 399, e.g. Estonian poetry, 894.5451
 - .511 Hungarian Literature
 - .531 Permian Literature
 - .541 Finnish Literature
 - .545 Estonian Literature
 - .55 Lappish Literature
 - .6 Hyperborean (Paleoasiatic) Literatures
 - .8 **Caucasic and Dravidian Literatures**
Caucasic literature was formerly classified in 899.96
- 895 **SINO-TIBETAN, JAPANESE-KOREAN, AND AUSTRASIATIC LITERATURES**
May be divided by literary form divisions as given on p. 399, e.g. Chinese fiction, 895.13
- .1 Chinese Literature

- 895.4 Tibetan Literature
 - .5 Himalayan Literature
 - .6 Japanese Literature
 - .7 Korean Literature
 - .8 Burmese Literature
 - .91 Siamese Literature
 - .92 Annamese Literature
 - .95 Munda Literature
- 896 **AFRICAN LITERATURES**
- .1 Bushman-Hottentot Literature
 - .3 Bantu Literature
 - .4 Guinean Literature
 - .5 Sudanese Literature
- 897 **NORTH AMERICAN LITERATURES**
- .1 Eskimoan Literature
 - .2 Na-Dene Literature
 - .3 Algonkian-Mosan Literature
 - .4 Macro-Penutian Literature
 - .5 Hokan-Siouan Literature
 - .6 Macro-Otomanguean Literature
 - .7 Tarascan Literature
 - .8 Miskito-Matagalpan Literature
- 898 **SOUTH AMERICAN LITERATURES**
Includes Chibchan, Kechuan, Aymara, Cunza-Diaguaita, Allentiac, Millcayac, Tucano
- 899 **AUSTRONESIAN LITERATURES**
For Austro-Asiatic literatures, see 895
- .1 Papuan Literature
 - .2 Indonesian Literature

-
- 899.4 Polynesian Literature
.5 Melanesian and Micronesian (Isolated Islands) Literature
.6 Australian Literature
.9 Other Literatures
Includes Basque literature (formerly classified in 891.69)
.96 It is recommended that **Caucasic Literatures** be classified in 894.8

900 History

POLITICAL SOCIAL CULTURAL

Systematic record of human progress or civilization

For Economic history, see 330.9; Natural history, 574; Biblical history, 220.95; Form divisions 1-8, p. lv, exception in 9 follows:

- 909 **MODERN WORLD HISTORY**
Fall of Rome (A.D. 476) to present
For Ancient history, see 930
- .82 **Twentieth Century World History**

910 GEOGRAPHY

Topography or description of earth
Includes discovery and exploration

For Physiography, see 551.4; Human geography, 911; Regional geography, 913-919; Form divisions 1, 5-7, 9, p. lv; exceptions 2, 3, 4, 8 follow:

- 910.2 **Guidebooks**
Travelers' manuals
- .3 **Gazetteers**
Includes geographical or place names (formerly classified in 929.4)
- .4 **Voyages and Travels**
Travel by land, sea, air from viewpoint of traveler
- .41 **Voyages Around the World**
- .45 **Sea Voyages**
Includes shipwrecks, buried treasure, pirates, buccaneers
- .8 **Collected Travels**
- 911 **HUMAN GEOGRAPHY**
Relationship of man to his environment
For Anthropogeography, see 572.9
- .2 **Political Geography**
Effect of geographic factors upon structure, growth, relationships of states
Includes historical geography, influence of geographic environment during successive periods of history
- .3 **Economic or Commercial Geography**
Adjustment of man to his environment by means of economic activities
- 912 **ATLASES**
Includes maps, globes
May be divided like 930-999
For Cartography, see 526.8

422

423

History

912.1-919

- 912.1 **Eastern Hemisphere**
- .2 **Western Hemisphere**
- 913-919 **REGIONAL GEOGRAPHY**
Description of specific regions, their peoples, animals, natural products
Includes guidebooks and travelers' manuals of specific regions
For Social history of countries, see countries, c.g. Social history of England, 942; National customs, 390.9
- 913 **GEOGRAPHY OF ANCIENT WORLD**
It is recommended that Archeology of specific countries be classified in history of countries, c.g. Antiquities of France, 944
For Prehistoric Archeology, see 571
- 914 **GEOGRAPHY OF EUROPE**
- 915 **GEOGRAPHY OF ASIA**
- 916 **GEOGRAPHY OF AFRICA**
- 917 **GEOGRAPHY OF NORTH AMERICA**
- 918 **GEOGRAPHY OF SOUTH AMERICA**
- 919 **GEOGRAPHY OF OCEANIA AND POLAR REGIONS**

920 BIOGRAPHY

Includes autobiographies, diaries, personal narratives, eulogies, correspondence except that of literary value

Libraries often prefer to arrange individual biographies in 92 or B, and collective biography in 920

When desirable, collective biography may be classified by subject in 921-928 divided like whole classification, e.g. Biographies of botanists, 925.8

Libraries with special subject collections may prefer to classify collective biography with subjects by using form division .092, e.g. Biographies of botanists, 580.92

929 GENEALOGY AND HERALDRY

.1 Genealogy

History of descent of persons or families from their ancestors
Includes pedigree tracing, how to write family histories, genealogical forms and blanks

.2 Family Histories

Genealogy of specific families

.3 Genealogical Sources

Source material from registers, wills, tax lists

.4 Personal Names

Includes Christian names, surnames, nicknames

It is recommended that **Geographical** or **Place Names** be classified in 910.3

.6 Heraldry

Includes whole group of duties of heralds, e.g. regulation of public ceremonies, blazoning arms

.7 Peerage Royalty

Includes titles of honor, rank, precedence

.71 Knighthood

Includes orders, e.g. Knights of Malta, Order of the Garter; decorations

929.8

Armorial Bearings

Includes coats-of-arms, crests

.9

Flags

Includes banners, standards

930 ANCIENT WORLD HISTORY

Beginning of historic period to A.D. 476

For Modern world history, see 909; Prehistoric times, 571

- 931 It is recommended that **ANCIENT CHINESE HISTORY** be classified in 951
- 932 **ANCIENT EGYPT**
Predynastic period to Persian conquest
For Modern Egypt, see 962
- 933 **ANCIENT HEBREW CIVILIZATION**
Conquest of Canaanites to fall of kingdom
Includes kingdoms of Israel and Judah
- 934 It is recommended that **ANCIENT INDIAN HISTORY** be classified in 954
- 935 **ANCIENT NEAR EAST**
Includes ancient oriental empires, e.g. Sumeria, Chaldea, Assyria, Babylon, Media, Persia, Parthia, Sassanian, or New Persian Empire
- 936 **ANCIENT EUROPEAN TRIBES**
Migratory tribes (Visigoths, Ostrogoths, Vandals, Burgundians, Franks, Angles, Saxons)
For Countries founded by these tribes, see countries, e.g. Anglo-Saxons in England, 942.01
- 937 **ANCIENT ROME**
Founding to fall of Western empire, A.D. 476
- 938 **ANCIENT GREECE**
Colonization to subjugation by Romans, A.D. 323
For Byzantine empire and modern Greece, see 949.5
- 939 **OTHER ANCIENT CIVILIZATIONS**
Includes Asia Minor and the Hittites; Aegean world prior to rise of Greek states; Syria and the Canaanites, Phoenicians, Aramaeans

940 EUROPEAN HISTORY

Fall of Rome (A.D. 476) to present

- 940.1 **Medieval Europe**
Rise of new nations to fall of Constantinople, 1453
Includes ages of feudalism and chivalry
- .18 **Crusades**
- .2 **Modern Europe**
Renaissance to World War I, 1453-1914
- .21 **Renaissance, 1453-1517**
- .22 **Reformation, 1517-1789**
- .27 **Napoleonic Era, 1789-1815**
- .28 **Nineteenth Century Europe, 1815-1914**
Congress of Vienna to World War I
- .3 **World War I, 1914-1919**
- .31 **Political History**
Includes historical, political, diplomatic, economic causes; results or peace terms, e.g. treaties and conferences, territorial questions, reconstruction
- .32 **Diplomatic History**
Includes peace efforts during war, neutrality
- .34-39 It is recommended that **War History of Specific Countries** be classified in **History of Countries**, e.g. **U. S. in World War I, 973.91**
- .4 **Military History**
Includes military intelligence, espionage
- .41 **Ground Organization**
Includes armies, corps, divisions or regiments
- .42 **Campaigns and Battles**
- .44 **Aerial Operations**
- .45 **Naval Operations**

- 940.451 **Submarine Operations**
Includes antisubmarine operations
- .46 **Memorials**
Includes monuments, rolls of honor
- .47 **Social Conditions**
Includes prisoners and prisons, medical and sanitary affairs, hospital service, relief activities of Red Cross and similar organizations
- .48 **Personal Narratives**
- .49 **Illustrative Material**
For Special collections only
- .5 **Twentieth Century Europe**
Includes interval between wars
- .53 **World War II, 1939-1945**
- .531 **Political History**
Includes historical, political, diplomatic, economic causes; results or peace terms, e.g. treaties and conferences, territorial questions, reconstruction
- .532 **Diplomatic History**
Includes peace efforts during war, neutrality
- .534-.539 It is recommended that **War History of Specific Countries** be classified in **History of Countries**, e.g. **Germany in World War II**, 943.086
- .54 **Military History**
Includes military intelligence, espionage
- .541 **Ground Organization**
Includes armies, corps, divisions or regiments
- .542 **Campaigns and Battles**
- .544 **Aerial Operations**
- .545 **Naval Operations**
- .5451 **Submarine Operations**
Includes antisubmarine operations

- 940.546 **Memorials**
Includes monuments, rolls of honor
- .547 **Social Conditions**
Includes prisoners and prisons, medical and sanitary affairs, hospital service, relief activities of Red Cross and similar organizations
- .548 **Personal Narratives**
- .549 **Illustrative Material**
For Special collections only
- .55 **Post-war Europe, 1945-**
For *Post-war World history*, see 909.82
- 941 **SCOTLAND**
Gaelic period to present
- .5 **IRISH REPUBLIC (EIRE)**
Early history to present
- .6 **Northern Ireland**
Founding (1920) to present
- 942 **ENGLAND**
Includes Great Britain, Thames River
- .01 **Anglo-Saxon England, to 1066**
Invasions of early tribes to Anglo-Saxon supremacy
- .02 **England under Normans, 1066-1154**
Period of Anglo-Norman feudalism
- .03 **Plantagenet England, 1154-1399**
Period of constitutional progress
Includes reign of Henry III
- .04 **England under Lancasters and Yorks, 1399-1485**
Period of military conflict Fifteenth century
- .05 **Tudor England, 1485-1603**
Reformation period Sixteenth century
Includes reign of Henry VIII

- 942.055 **Elizabethan England, 1558-1603**
Reign of Elizabeth
- .06 **England under Stuarts, 1603-1714**
Restoration period Seventeenth century
Includes reign of Charles I, Charles II, William and Mary, Anne
- .07 **Hanoverian England, 1714-1837**
Period of political reaction and reform Eighteenth century
Includes reign of George III
- .08 **Victorian England, 1837-1901**
Period of imperialism, liberalism Nineteenth century
Includes reign of Victoria
- .082 **Twentieth Century England, 1901-**
- .083 **England and World War I, 1910-1936**
Includes reign of George V
- .084 **England and World War II, 1936-1945**
Includes reign of Edward VIII, George VI
- .085 **Post-war England, 1945-**
- .1 **London**
- .34 **Channel Islands**
Includes Jersey, Guernsey
- .89 **Isle of Man**
- .9 **Wales**
- 943 **GERMANY**
Formative period to unification, 1866
Includes Danube, Rhine Rivers
- .08 **Imperial Germany, 1866-1918**
United empire and its downfall
Includes Germany in World War I; reign of Frederick III, William II

- 943.085 **German Republic, 1918-1934**
Period between wars
Includes presidency of Ebert and Hindenburg
- .086 **Third Reich, 1934-1945**
Nazi Germany under Hitler
Includes Germany in World War II
- .087 **Post-war Germany, 1945-**
- .6 **AUSTRIA**
- .648 **LIECHTENSTEIN**
- .68 **TRIESTE**
- .7 **CZECHOSLOVAKIA**
- .8 **POLAND**
All periods of Poland's history
- .9 **HUNGARY**
- 944 **FRANCE**
- .01 **Early France, to 987**
Ancient Celts to Carolingians
- .02 **Growth of Royal Power in France, 987-1589**
Includes Houses of Capet, Valois, Angoulême
- .03 **Bourbon France, 1589-1789**
Period of wars
Includes reign of Louis XIII, XIV, XV, XVI
- .04 **French Revolution, 1789-1804**
National assembly to first consulate
Includes reign of terror
- .05 **Napoleonic France, 1804-1815**
Period of first empire
- .06 **French Restoration, 1815-1848**
Period of discontent
- .07 **France's Second Republic and Second Empire, 1848-1870**

- 944.08 **Third French Republic, 1870-1939**
Includes France in World War I, problems following war
- .081 **France and World War II, 1939-1945**
Includes dictatorship of Pétain and Laval
- .082 **Fourth French Republic, 1945-**
Includes presidency of de Gaulle, Gouin, Bidault, Auriol
- .36 **Paris**
- .949 **Monaco**
Includes Monte Carlo
- 945 **ITALY**
Gothic and Lombard kingdoms to united Italy, to 1870
For Ancient Roman Empire, see 937
- .09 **Modern Italian Kingdom, 1870-1918**
Includes Italy in World War I; reign of Victor Emmanuel II-III
- .091 **Fascist Italy, 1918-1945**
Includes Mussolini's regime, Italy in World War II
- .092 **Italian Republic, 1946-**
- .4 **San Marino**
- .6 **Rome**
Includes Vatican City
- .8 **Malta**
- 946 **SPAIN**
Includes Pyrenees Mountains
- .01 **Early Spain**
Spain under Romans and Goths, to 711
- .02 **Moorish Kingdom, 711-1479**
- .03 **Union of Aragon and Castile, 1479-1516**
Expulsion of Moors
Includes reign of Ferdinand and Isabella

- 946.04 **Spanish Decline, 1516-1598**
Inquisition period
- .05 **Era of Degeneration in Spain, 1598-1808**
- .06 **Spain under French Control, 1808-1814**
- .07 **Bourbon Restoration in Spain, 1814-1868**
Period of dissatisfaction and revolt
Includes reign of Ferdinand VII, Isabella II
- .08 **New Spanish Monarchy, 1868-1931**
Revolution and second restoration
Includes reign of Alfonso XII-XIII
- .081 **Second Spanish Republic, 1931-1939**
Includes Spanish civil war
- .082 **Post-war Spain, 1939-**
Spain under Franco dictatorship
- .7 **Andorra**
- .8 **Gibraltar**
- .9 **PORTUGAL**
- 947 **UNION OF SOVIET SOCIALIST REPUBLICS
(RUSSIA)**
Primitive Russia to emancipation of serfs, to 1855
Includes reign of Ivan the Terrible, Peter the Great, Catherine the Great
For Moldavian Soviet Socialist Republic, see 949.85; Soviet Central Asia, 958.4
- .08 **Reform and Reaction in Russia, 1855-1917**
Development of nationalist state
Includes reign of Alexander II-III, Nicholas II
- .083 **Fall of Russian Empire, 1917-1939**
Includes Russia in World War I, Russian revolution, dictatorship of Lenin and Stalin
- .084 **Russia and World War II, 1939-1945**
- .085 **Post-war Russia, 1945-**

- 947.1 It is recommended that **Finland** be classified in 948.95
- .2 **Karelo-Finnish Soviet Socialist Republic**
- .3 **Russian Soviet Federal Socialist Republic**
*For Russian Soviet Federal Socialist Republic Siberian regions,
 see 957*
- .4 **Latvian Soviet Socialist Republic**
- .41 **Estonian Soviet Socialist Republic**
- .5 **Lithuanian Soviet Socialist Republic**
- .6 **Byelorussian Soviet Socialist Republic**
- .7 **Ukranian Soviet Socialist Republic**
- .9 **Georgian Soviet Socialist Republic**
- .91 **Azerbaijan Soviet Socialist Republic**
- .92 **Armenian Soviet Socialist Republic**
- 948 **SCANDINAVIA**
- .1 **Norway**
- .5 **Sweden**
- .9 **Denmark**
- .95 **Finland**
- 949 **OTHER EUROPEAN COUNTRIES**
- .1 **Iceland**
- .2 **Netherlands**
- .3 **Belgium**
- .35 **Luxembourg**
- .4 **Switzerland**
Includes Alps Mountains
- .5 **Greece**
*Includes Byzantine Empire, 323-1453
 For Ancient Greece, see 938*
- .6 It is recommended that **Turkey** be classified in 956.1

- 949.65 **Albania**
Includes Saseno
- 7 **Yugoslavia**
- .75 **Bulgaria**
- .8 **Rumania**
- .85 **Moldavian Soviet Socialist Republic**

950 HISTORY OF ASIA

Includes modern history of Orient, Far East

For Ancient oriental empires, see 935

- 951 **CHINA**
Includes ancient Chinese history (formerly classified in 931),
Imperial China, Yangtse River
- .04 **Chinese Republic, 1912-1949**
Founding of Republic to Nationalist revolution
Includes presidency of Sun Yat-sen and Yuan Shih-K'ai,
Civil War, 1917-1926
- .042 **Nationalist China, 1927-1949**
China under Chiang Kai-shek
Includes struggle between Koumintang and Communist
party, Japanese occupation of Manchuria, Chinese-Japa-
nese War
- .05 **People's Republic of China, 1949-**
Communist China
- .132 **Shanghai**
- .154 **Tientsin**
- .156 **Peiping**
- .24 **Taiwan**
- .25 **Hong Kong**
- .26 **Macao**
- .5 **Tibet**
- .6 **Sinkiang**
- .7 **Mongolia**
- .73 **Outer Mongolia**
- .8 **Manchuria**
- .822 **Kwantung**
- .9 **KOREA**

- 952 **JAPAN**
Early period to end of shoguns and reestablishment of imperial
power, to 1868
- .03 **Twentieth Century Japan, 1868-**
Includes Japan in World War I
- .033 **Showa Period, 1926-**
Japan under Hirohito
Includes Japan in World War II, Allied occupation
- 953 **ARABIA**
Includes minor Arabian States, e.g. Bahrain, Kuwait
- .3 **Yemen**
- .5 **Oman**
- .8 **Saudi Arabia**
Formerly Nejd
- 954 **INDIA**
Early India to English rule, to 1765
Includes Ancient India (formerly classified in 934); Moslem In-
dia; European settlements other than British, e.g. Portuguese,
Dutch, French; Laccadive Islands
- .08 **British India, 1765-1947**
English rule and occupation to independence
- .09 **Union of India, 1947-**
- .1 **Bhutan**
- .2 **Nepal**
- .7 **PAKISTAN**
Includes former territories of Baluchistan, East Bengal, North
West Frontier, West Punjab, Sind
- .8 **Ceylon**
Includes Maldiv Islands
- 955 **IRAN**

- 956 **NEAR EAST**
Includes Levant Asia Minor
For Ancient Near East, see 935
- .1 **Turkey**
All periods of Turkey's history
Includes Ottoman Empire (formerly classified in 949.6)
- .4 **Cyprus**
- .7 **Iraq**
- .9 **Syria and Lebanon**
- .94 **Israel**
Includes former Palestine
- .95 **Transjordan**
- 957 **UNION OF SOVIET SOCIALIST REPUBLICS
ASIATIC REGIONS**
Includes Yakutsk Autonomous Soviet Socialist Republic, Buriat-Mongol Autonomous Soviet Socialist Republic
For European areas of Russian Soviet Federal Socialist Republic, see 947.3
- 958 **MIDDLE EAST**
- .1 **Afghanistan**
- .4 **Soviet Central Asia**
Includes Kazakh Soviet Socialist Republic, Uzbek Soviet Socialist Republic, Turkmen Soviet Socialist Republic, Tadzhik Soviet Socialist Republic, Kirghiz Soviet Socialist Republic
- 959 **FRENCH INDO-CHINA**
Includes Associated States of Viet-Nam (Tonking, Annam, Cochin-China), Cambodia, Laos
- .1 **Union of Burma**
- .3 **Siam**
- .5 **Federation of Malaya**
- .52 **Singapore**

960 AFRICAN HISTORY

- 961 **NORTH AFRICA**
- .1 **Tunisia**
- .2 **Libya**
- 962 **EGYPT**
Includes Nile River
For Ancient Egypt, see 932
- .15 **Suez Canal**
- .4 **Anglo-Egyptian Sudan**
- 963 **ETHIOPIA**
- .5 **Italian East Africa**
Includes Eritrea, Italian Somaliland (formerly classified in 967.73)
- 964 **MOROCCO**
- .2 **Spanish Morocco**
- .8 **Spanish Sahara Ifni**
Spanish Sahara includes Rio de Oro, Sekia el Hamra
- .9 **Canary Islands**
- 965 **ALGERIA**
- 966 **NORTH CENTRAL AFRICA**
- .1 **French West Africa**
Includes Sahara
- .12 **Mauritania**
- .2 **French Sudan**
- .25 **Upper Volta**
- .26 **Niger**
- .3 **Senegal**
Includes Dakar
- .4 **Sierra Leone**

- 966.51 Gambia
 .52 French Guinea
 .57 Portuguese Guinea
 .58 Cape Verde Islands
 .6 Liberia
 .68 Ivory Coast
 .7 Gold Coast
 .8 Dahomey
 .81 Togoland
 .9 Nigeria
 .99 San Tomé and Príncipe
- 967 SOUTH CENTRAL AFRICA
 .11 Cameroon
 .2 French Equatorial Africa
 .3 Angola
 .5 Belgian Congo
 Includes Congo River
 .57 Ruanda-Urundi
 .6 British East Africa
 .61 Uganda
 .62 Kenya Colony and Protectorate
 Includes provinces formerly classified in 967.63-.69
 .63-.69 It is recommended that Kenya Colony and Protectorate Provinces be classified in 967.62
 .7 Somaliland
 .71 French Somaliland
 .72 British Somaliland
 .73 It is recommended that Italian Somaliland be classified in 963.5
 .81 Zanzibar

- 967.82 Tanganyika Territory
 Includes regions formerly classified in 967.83-.89
 .83-.89 It is recommended that All Regions of Tanganyika Territory be classified in 967.82
 .9 Mozambique
- 968 SOUTH AFRICA
 Includes Union of South Africa
 .1 Bechuanaland
 .2 Transvaal
 .3 Swaziland
 .4 Natal
 .5 Orange Free State
 .6 Basutoland
 .7 Cape of Good Hope
 .8 South West Africa
 .9 British South Africa
 .91 Southern Rhodesia
 .94 Northern Rhodesia
 .97 Nyasaland
- 969 ISLANDS OF INDIAN OCEAN
 .1 Madagascar
 .4 Comoro
 .6 Seychelles
 .7 Diego Garcia
 .81 Ile de la Réunion
 .82 Mauritius
 .83 Rodrigues
 .84 Cocos and Christmas Islands

970 NORTH AMERICAN HISTORY

- 970.1 **Indians of North America**
- 971 **CANADA**
- .01 **Canada under French Regime, 1497-1763**
Earliest times to English supremacy
- .02 **Colonial Canada, 1763-1791**
British conquest to Constitutional Act
- .03 **Development of Canada, 1791-1841**
Union of Upper and Lower Canada
- .04 **Confederation, 1841-1867**
Struggle for national unity
- .05 **Dominion of Canada, 1867-1911**
Canada as Federal State
- .06 **Twentieth Century Canada, 1911-**
- .1 **British Columbia**
Includes Vancouver Island, Rocky Mountains, Fraser River Valley, Glacier National Park, Selkirk Mountains
- .2 **Canadian Northwest**
Includes former territory of Hudson's Bay Company, Prairie provinces, Alaska Highway, Hudson Bay, Hudson's Bay Company, Rupert's Land
- .21 **Yukon Territory**
Includes Klondike region
- .22 **Northwest Territories**
Includes Canadian Arctic, Baffin Island, Great Bear Lake, Great Slave Lake, Mackenzie River
- .23 **Alberta**
Includes Athabaska River, Banff National Park, Jasper National Park
- .24 **Saskatchewan**
Includes Saskatchewan River

- 971.27 **Manitoba**
Includes Churchill River, Nelson River
- .3 **Ontario**
Includes former Upper Canada, Georgian Bay, Lake Erie, Lake Huron, Lake Ontario, Lake Superior, Thousand Islands
- .3541 **Toronto**
- .384 **Ottawa**
- .4 **Quebec**
Includes former Lower Canada, St. Lawrence River, Gaspé Peninsula, Laurentian Mountains, Saguenay River Valley
- .4281 **Montreal**
- .4471 **Quebec (city)**
- .5 **New Brunswick**
- .6 **Nova Scotia Acadia**
Includes Maritime Provinces, Cape Breton Island, Bay of Fundy
- .7 **Prince Edward Island**
- .8 **Newfoundland**
- .88 **St. Pierre and Miquelon**
- .9 **Labrador**
Includes Goose Bay
- 972 **MEXICO**
- .01 **Early Mexico, to 1516**
- .014 **Aztecs**
- .015 **Mayas**
- .02 **Colonial Mexico, 1516-1810**
Discovery to end of Spanish rule
- .03 **Independent Mexico, 1810-1822**
Revolutionary period
- .04 **First Mexican Empire and Republic, 1822-1845**

- 972.05 **War with United States, 1845-1848**
For U. S. in Mexican War, see 973.62
- .06 **Second Mexican Republic, 1848-1861**
Reform period
- .07 **Second Mexican Empire, 1861-1867**
European intervention in Mexico
Includes reign of Maximilian and Carlotta
- .08 **Mexican Republic Restored, 1867-1911**
Mexico under constitution of 1857
- .09 **Twentieth Century Mexico, 1911-**
Mexico under constitution of 1917
Includes revolutionary epoch of coups d'état and civil war
- .1 **Northern Mexico**
Includes Tamaulipas, Nuevo León, Coahuila, Durango, Chihuahua, Sonora
- .2 **Baja California**
Includes North territory, South territory, islands
- .3 **Central Pacific States**
Includes Nayarit, Jalisco, Colima, Michoacán
- .4 **Interior or Central Mexico**
Includes Guanajuato, Aguascalientes, Zacatecas, San Luis Potosí, Querétaro, Hidalgo, Tlaxcala, Puebla, Morelos
- .5 **Valley of Mexico**
Includes México (state), Distrito Federal, Mexico City
- .6 **Southern Gulf States**
Includes Veracruz, Tabasco, Campeche, Yucatán, Quintana Roo
- .7 **Southern Pacific States**
Includes Guerrero, Oaxaca, Chiapas, Isthmus of Tehuantepec
- .8 **Central America**

- 972.801 **Early Central America, to 1502**
Pre-Columbian civilization
- .802 **Early Sixteenth Century Central America, 1502-1535**
Includes discovery, exploration, conquest
- .803 **Colonial Central America, 1535-1821**
Spanish rule to independence
- .804 **Nineteenth Century Central America, 1821-1900**
National integration
Includes attempts at Central American union
- .805 **Twentieth Century Central America, 1900-**
- .81 **Guatemala**
- .8101 **Early Guatemala, to 1502**
Ancient civilization of pre-Columbian period
- .8102 **Discovery, exploration, conquest, 1502-1535**
- .8103 **Colonial Guatemala, 1535-1821**
Spanish rule to independence
- .8104 **Republic of Guatemala, 1821-1900**
Includes establishment of republic
- .8105 **Twentieth Century Guatemala, 1900-**
- .82 **British Honduras**
- .8201 **Early British Honduras, to 1502**
- .8202 **Discovery, Exploration, Conquest, 1502-1535**
- .8203 **Early Colonial British Honduras, 1535-1821**
Includes settlement
- .8204 **Nineteenth Century British Honduras, 1821-1900**
Includes independence from Jamaica
- .8205 **Twentieth Century British Honduras, 1901-**
- .83 **Honduras**
- .8301 **Early Honduras, to 1502**
- .8302 **Discovery, Exploration, Conquest, 1502-1535**

- 972.8303 **Colonial Honduras, 1535-1821**
Spanish rule to independence
- .8304 **Republic of Honduras, 1822-1900**
- .8305 **Twentieth Century Honduras, 1900-**
- .84 **El Salvador**
- .8401 **Pre-Columbian Period, to 1502**
Ancient civilization
- .8402 **Discovery, Exploration, Conquest, 1502-1535**
Includes colonization
- .8403 **Colonial Period, 1535-1821**
Spanish rule to independence
- .8404 **Republic of El Salvador, 1821-1900**
- .8405 **Twentieth Century El Salvador, 1900-**
- .85 **Nicaragua**
- .8501 **Prehispanic Epoch, to 1502**
- .8502 **Discovery, Exploration, Conquest, 1502-1535**
Includes colonization
- .8503 **Colonial Nicaragua, 1535-1821**
Spanish rule to independence
- .8504 **Republic of Nicaragua, 1822-1900**
- .8505 **Twentieth Century Nicaragua, 1901-**
- .86 **Costa Rica**
- .8601 **Early Costa Rica, to 1502**
- .8602 **Discovery, Exploration, Conquest, 1502-1535**
- .8603 **Colonial Costa Rica, 1535-1821**
- .8604 **Republic of Costa Rica, 1821-1902**
- .8605 **Twentieth Century Costa Rica, 1902-**
- .9 **West Indies Antilles**
Includes British, Danish, French, Netherlands West Indies
- .901 **Early History, to 1492**

- 972.902 **Discovery, Exploration, Conquest, 1492-1608**
Includes colonization, colonial period
- .903 **European Rivalries, 1608-1801**
- .904 **Nineteenth Century, 1801-1902**
Includes independence movements, autonomy, national development
- .905 **Twentieth Century, 1902-**
- .91 **Cuba**
- .9101 **Pre-Columbian Cuba, to 1492**
- .9102 **Discovery, Exploration, Conquest, 1492-1514**
- .9103 **First Colonial Period, 1514-1762**
Includes siege of Havana and English control
- .9104 **Second Colonial Period, 1763-1810**
- .9105 **Third Colonial Period, 1810-1898**
Includes conspiracy period, reformist period, ten years war, autonomist period, war of independence
- .9106 **American Military Occupation, 1899-1902**
- .9107 **First Cuban Republic, 1902-1933**
- .9108 **Second Cuban Republic, 1933-**
- .912 **Havana**
Includes Isle of Pines (Cuba)
- .92 **Jamaica**
For Turks and Caicos Islands, see 972.961
- .9201 **Early Jamaica, to 1494**
- .9202 **Sixteenth Century Jamaica, 1494-1607**
Includes discovery, colonization
- .9203 **European Rivalries, 1607-1801**
Includes end of Spanish rule, establishment of English civil administration, English occupation
- .9204 **Nineteenth Century Jamaica, 1801-1904**

- 972.9205 **Twentieth Century Jamaica, 1904-**
 .921 **Cayman Islands**
 .93 **Dominican Republic**
 .9301 **Pre-Columbian Period, to 1492**
 .9302 **Discovery, Exploration, Conquest, 1492-1608**
 .9303 **European Rivalries, 1608-1801**
 .9304 **Founding of Republic, 1801-1902**
 Includes independence, national development
 .9305 **Twentieth Century Dominican Republic, 1902-**
 .94 **Haiti**
 .9401 **Pre-Columbian Period, to 1492**
 .9402 **Spanish Rule, 1492-1625**
 .9403 **Haiti as French Colony, 1625-1804**
 .9404 **Independent Haiti, 1804-1915**
 .9405 **American Occupation, 1915-1934**
 .9406 **Republic of Haiti, 1934-**
 .95 **Puerto Rico**
 .9501 **Early Puerto Rico, to 1493**
 .9502 **Sixteenth Century Puerto Rico, 1493-1602**
 Includes discovery, early colonial period
 .9503 **European Rivalries, 1602-1804**
 .9504 **Revolutionary Puerto Rico, 1804-1900**
 End of Spanish rule
 .9505 **Twentieth Century Puerto Rico, 1900-**
 Establishment of U. S. civil government
 .96 **Bahamas**
 Includes New Providence and Nassau, Abaco, Harbour Island, Grand Bahama, Cat Island, Long Island, Mayaguana, Eleuthera, Exuma, San Salvador or Watling's Island, Acklin's Island, Crooked Island, Great Inagua, Andros Island

- 972.961 **Turks and Caicos Islands**
 Jamaica dependencies
 .97 **Lesser Antilles**
 Includes Netherlands Antilles
 .971 **Leeward Islands**
 Includes British islands of Antigua, St. Christopher-Nevis, Montserrat; French islands of Guadcloupe, Marie Galante, Les Saintes, Désirade, St. Barthélemy, St. Martin; Netherlands islands of St. Maarten, St. Eustatius, Saba
 .972 **Virgin Islands**
 Includes U. S. islands of St. Thomas, St. Croix, St. John; British islands of Tortola, Virgin Gorda, Anegada, Jost Van Dykes
 .98 **Windward Islands**
 Includes British islands of Grenada, St. Vincent, The Grenadines, St. Lucia, Dominica; Netherlands islands of Curaçao, Aruba, Bonaire
 .981 **Barbados**
 .982 **Martinique**
 .983 **Trinidad**
 Includes Tobago
 .99 **Bermuda**
 973 **UNITED STATES OF AMERICA**
 .1 **Voyages and Discoveries, to 1607**
 Earliest times to settlement of Jamestown
 Includes all pre-Columbian claims
 .15 **Columbus' Voyages**
 .16 **Spanish and Portuguese Voyages**
 Includes voyages of Vespucci, Ponce de Leon, Balboa, de Soto
 .17 **English Voyages**
 Includes voyages of John and Sebastian Cabot, Hawkins, Drake, Frobisher, Ralcligh

- 973.18 **French Voyages**
Includes voyages of Verrazano, Champlain
- .2 **Colonial United States, 1607-1775**
Includes Indian wars, Albany Convention of 1754
For Individual colonies or settlements, see colonies, e.g. Settlement of Virginia, 975.5
- .3 **Revolution and Confederation, 1775-1789**
- .31 **Political History**
Includes causes and results of Revolution
For Financial history, see 336.973
- .32 **Diplomatic History**
Includes relations with France, Spain, Netherlands; peace negotiations; Treaty of Paris, 1783
- .33 **Campaigns and Battles**
- .34 **Armies of Revolution**
- .341 **English Army**
- .344 **American Army**
- .35 **Naval History**
Includes privateers
- .36 **Celebrations Anniversaries Commemoratives**
- .37 **Social History**
Includes prisons, exchange of prisoners, hospitals, medical departments, physicians, nurses
- .38 **Personal Narratives**
- .39 **Illustrative Material**
For Special collections only
- .4 **Constitutional Period, 1789-1809**
Includes administrations of Washington, Adams, Jefferson
- .5 **Early Nineteenth Century, 1809-1845**
Includes administrations of Madison, Monroe, John Quincy Adams, Jackson, Van Buren, Harrison, Tyler

- 973.52 **War of 1812**
Includes political, diplomatic, social, military, naval history; campaigns and battles; Treaty of Ghent
- .6 **Middle Nineteenth Century, 1845-1861**
Period of westward migration
Includes administrations of Polk, Taylor, Fillmore, Pierce, Buchanan
- .62 **Mexican War, 1845-1848**
Includes political, diplomatic, social, military, naval history; campaigns and battles; peace treaty
- .7 **War of Secession, 1861-1865**
Includes Lincoln administration
- .71 **Political History**
Includes causes, efforts to preserve peace, secession action of states, results
- .72 **Diplomatic History**
Relations with other nations
Includes diplomatic history of Confederate States
- .73 **Campaigns and Battles**
- .74 **Armies of Civil War**
Includes Union and Confederate armies, State regiments
- .75 **Naval History**
- .76 **Celebrations Commemorations**
- .77 **Social History**
Includes prisons, hospitals
- .78 **Personal Narratives**
- .79 **Illustrative Material**
For Special collections only
- .8 **Later Nineteenth Century, 1865-1901**
Period of reconstruction and civil service reform
Includes administrations of Johnson, Grant, Hayes, Garfield, Arthur, Cleveland, Harrison, McKinley

- 973.89 **Spanish-American War, 21 April-10 December, 1898**
Includes political, diplomatic, social, military, naval history; campaigns and battles; results
- .9 **Twentieth Century United States, 1901-**
- .91 **Early Twentieth Century, 1901-1933**
Includes administrations of Theodore Roosevelt, Taft, Wilson, Harding, Coolidge, Hoover; U. S. and World War I
- .917 **United States and World War II, 1933-1945**
Includes administration of Franklin D. Roosevelt
- .92 **Post-war United States, 1945-**
Includes Truman administration
- 974 **NORTHEASTERN STATES**
Includes New England
- .1 **Maine**
- .191 **Portland**
- .2 **New Hampshire**
- .3 **Vermont**
- .4 **Massachusetts**
- .461 **Boston**
- .497 **Nantucket Island**
- .5 **Rhode Island**
- .52 **Providence**
- .6 **Connecticut**
- .63 **Hartford**
- .68 **New Haven**
- .7 **New York**
- .71 **New York City**
- .72 **Suburban New York**
Includes Long Island, Westchester County
- .738 **Catskill Mountains**

- 974.753 **Adirondack Mountains**
- .8 **Pennsylvania**
- .811 **Philadelphia**
- .9 **New Jersey**
- 975 **SOUTHEASTERN STATES**
Includes the "South," Allegheny Mountains, Appalachian Mountains
- .1 **Delaware**
- .2 **Maryland**
- .256 **Annapolis**
- .26 **Baltimore**
- .3 **District of Columbia**
Washington
- .4 **West Virginia**
- .489 **White Sulphur Springs**
- .5 **Virginia**
Includes Blue Ridge Mountains
- .59 **Shenandoah Valley**
- .6 **North Carolina**
- .7 **South Carolina**
- .8 **Georgia**
- .9 **Florida**
Includes Everglades
- 976 **SOUTH CENTRAL OR GULF STATES**
- .1 **Alabama**
- .2 **Mississippi**
- .3 **Louisiana**
- .335 **New Orleans**
- .4 **Texas**
- .6 **Oklahoma**

- 976.65 **Eastern Oklahoma**
Includes Indian territory
- .66 **Southeastern Oklahoma**
Includes Red River
- .7 **Arkansas**
- .73 **Arkansas Valley Region**
Includes Arkansas River
- .8 **Tennessee**
Includes Tennessee River
- .88 **East Tennessee**
Includes Great Smoky Mountains and Great Smoky
Mountains National Park
- .9 **Kentucky**
Includes Ohio River
For Ohio Valley, see 977
- 977 **NORTH CENTRAL OR LAKE STATES**
Includes Mississippi River and valley, Ohio Valley, Great
Lakes
For Ohio River, see 976.9; Lakes Ontario, Huron, Erie,
Superior, 971.3; Lake Michigan, 977.4
- .1 **Ohio**
- .132 **Cleveland**
- .178 **Cincinnati**
- .2 **Indiana**
- .3 **Illinois**
- .311 **Chicago**
- .4 **Michigan**
Includes Lake Michigan
- .5 **Wisconsin**
- .6 **Minnesota**
- .7 **Iowa**

- 977.8 **Missouri**
- .866 **St. Louis**
- .87 **Southwestern Missouri**
Includes Ozark Mountains
- 978 **WESTERN OR MOUNTAIN STATES**
Includes the "West," Rocky Mountains, Missouri River and
valley, Great Plains
- .1 **Kansas**
- .2 **Nebraska**
- .29 **Northwestern Nebraska**
Includes Bad Lands
- .3 **South Dakota**
Includes Dakota as a whole, Black Hills
- .4 **North Dakota**
- .6 **Montana**
- .7 **Wyoming**
Includes Yellowstone National Park
- .8 **Colorado**
- .83 **Central Colorado**
Includes Continental Divide
- .85 **East Central Colorado**
Includes Royal Gorge of the Arkansas
- .86 **North Central Colorado**
Includes Rocky Mountain National Park, Estes Park
- .883 **Denver**
- .9 **New Mexico**
- 979 **PACIFIC STATES**
- .1 **Arizona**
Includes Grand Canyon National Park
- .2 **Utah**

- 979.3 **Nevada**
- .4 **California**
Includes Sequoia National Park
- .44 **East Central California**
Includes Yosemite National Park
- .45 **Central California**
Includes Sacramento Valley, San Joaquin Valley
- .461 **San Francisco**
- .494 **Los Angeles**
- .5 **Oregon**
Includes Pacific northwest
- .51 **Western Oregon**
Includes Cascade Mountains
- .59 **Southeastern Oregon**
Includes Crater Lake National Park
- .6 **Idaho**
- .7 **Washington**
- .77 **Puget Sound Area**
Includes Mt. Rainier and Mt. Rainier National Park
- .79 **Coastal Area**
Includes Mt. Olympus and Mt. Olympus National Park
- .8 **Alaska**
Includes Aleutian Islands

980 SOUTH AMERICAN HISTORY

- Includes Latin America, Andes Mountains
- 980.1 **Indians of South America**
- 981 **BRAZIL**
Includes Amazon River
- .01 **Discovery and Colonization, 1500-1534**
- .02 **Hereditary Captaincies, 1534-1549**
- .03 **Colonial Brazil, 1549-1822**
Period of foreign aggression, administrative and political expansion
- .04 **Independent Empire of Brazil, 1822-1889**
- .05 **Republic of Brazil, 1889-1930**
- .06 **Modern Brazil, 1930-**
- .1 **North States**
Includes Acre (federal territory), Amazonas, Pará, Amapá, Rio Branco
- .2 **Northeast (Western) States**
Includes northeast (western) and northeast (eastern) combined, Maranhão, Piauí
- .3 **Northeast (Eastern) States**
Includes Ceará, Rio Grande do Norte, Paraíba, Pernambuco, Alagoas, Fernando de Noronha
- .4 **East (Northern) States**
Includes east (northern) and east (southern) combined, Sergipe, Bahia
- .5 **East (Southern) States**
Includes Minas Gerais, Espírito Santo, Rio de Janeiro, Distrito Federal
- .6 **South States**
Includes São Paulo, Paraná, Iguazu (federal territory), Santa Catharina, Rio Grande do Sul

- 981.7 **Central West States**
Includes Goiás, Mato Grosso, Guaporé (federal territory), Ponta Porã (federal territory)
- 982 **ARGENTINA**
- .01 **Pre-Hispanic Argentina, to 1516**
- .02 **Discovery, Conquest, Colonization, 1516-1810**
- .03 **Independent Argentina, 1810-1829**
Includes period of Anarchy
- .04 **Republic of Argentina, 1829-1861**
- .05 **Constitutional Period, 1861-1910**
- .06 **Twentieth Century Argentina, 1910-**
- .1 **Rio de la Plata Region**
Includes Buenos Aires (province and federal capital), La Pampa
- .2 **Mesopotamian Region**
Includes Santa Fé, Entre Ríos, Corrientes, Misiones
- .3 **Northeast Region**
Includes Chaco, Formosa
- .4 **Northwest Region**
Includes Salta, Jujuy, Catamarca, La Rioja, Tucumán
- .5 **Central Region**
Includes Córdoba, Santiago del Estero
- .6 **Central Highland Region**
Includes San Juan, Mendoza, San Luis
- .7 **Patagonian Region**
Includes Neuquén, Rio Negro, Chubut, Zona Militar de Comodoro Rivadavia, Santa Cruz, Tierra del Fuego
- 983 **CHILE**
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- .2 **North Chile**
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- .3 **Central Chile**
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- .4 **Frontier**
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 .13 **Central Region**
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 .14 **Cundinamarca**
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- .2 **Island of Celebes**
- .3 **Molucca Islands**
- .4 **Republic of the Philippines**
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992 SUNDA

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- .2 **Java and Madura**
- .3 **Bali and Lombok**
- .4 **Timor Archipelago**
- .5 **Andaman and Nicobar Islands**

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- .11 **New Zealand Islands**
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- .2 **New Caledonia**
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- .3 **Loyalty Islands**
Includes Maré, Lifou, Uvéa
- .4 **New Hebrides**
- .5 **Solomon Islands**
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- 996 **POLYNESIA AND MICRONESIA**
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- .6 **Caroline Islands**
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- .7 **Marianas Archipelago**
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| Shavings | 674.84 | War I | 940.3—4 |
| Shingles | 695 | See also individual | |
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| Turning | 674.43 | See also individual | |
| Wood-borers | 595.76 | countries | |
| Woodcraft | 745.5 | Worms | 595.1 |
| Woodcuts | 761 | Worship | |
| Woodland resources | 333.75 | Doctrinal theology | 291.3 |
| Woodworking | 684 | Natural theology | 210 |
| Lumber manufacture | 674.4 | Public | 264 |
| Shops Management | 621.7 | Wrapping paper | |
| Wool textiles | 677.3 | Manufacture | 676.2 |
| Word derivation | | Wrestling | 796.81 |
| Comparative linguistics | 412 | Writing | 652 |
| English language | 422 | Automatic | 133.93 |
| Other languages | —2 | Inks Manufacture | 667.4 |

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| Language | 411 | And Docks Bureau of | 359.7 |
| English | 421 | Naval equipment | 623.86 |
| Other | —1 | Years | 529.2 |
| Music | 781.24 | Yeast | 664.6 |
| Paper Manufacture | 676.2 | Fungi | 589.23 |
| Profession | 808.06 | Yellow-eyed grass | 584.3 |
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| Philosophy | 193 | Yenisey language | 494.4 |
| Wyoming | 978.7 | Yew | 585.2 |
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| Xenon | | Literature | 838.99 |
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| Inorganic chemistry | 546.29 | Yosemite National Park | 979.44 |
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| X-rays | 535.66 | Peoples' | |
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| YWCA | 267.5 | Yttrium | |
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| Power | 623.824 | Yucca | 584.23 |
| Sailing | 623.822 | Yugoslavia | 949.7 |
| Yakut language | 494.3 | Yukaghir language | 494.6 |
| Yakutsk Republic | 957 | Yukian language | 497.5 |
| Yangtse River | 951 | Yukon Territory | 971.21 |
| Yap Is. | 996.6 | Yuman language | 497.5 |
| Yaracuy | 987.2 | Yurak language | 494.4 |

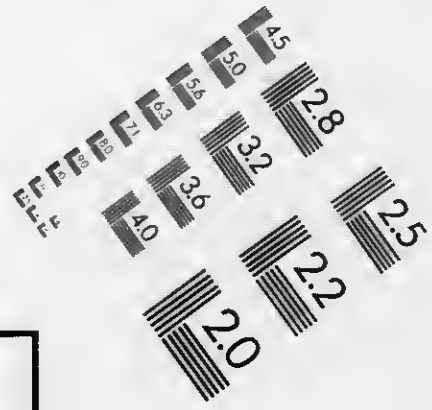
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| Zacatecas | 972.4 | Zither | 787.8 |
| Zanzibar | 967.81 | Zodiac signs | 133.5 |
| Zapotecan language | 497.6 | Zodiacal light | 523.5 |
| Zebbras | 599.72 | Zona Militar de Como- | |
| Zechariah O. T. | 224.9 | doro Rivadavia | 982.7 |
| Zein | | Zoogeography | 591.9 |
| Fiber textiles | 677.47 | Zoological gardens | 590.7 |
| Plastics | 668.43 | Architecture | 727.5 |
| Zenith distances | | Zoology | 590 |
| Geodetic surveying | 526.38 | Economic | 591.6 |
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| Economic geology | 553.4 | Painting | 759.6 |
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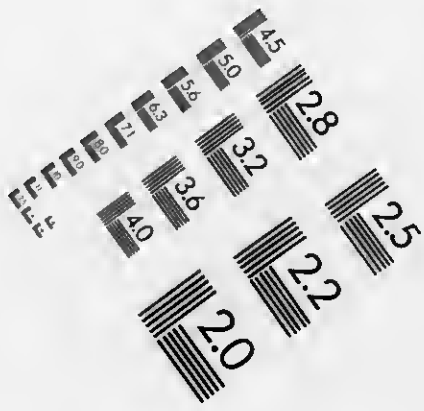
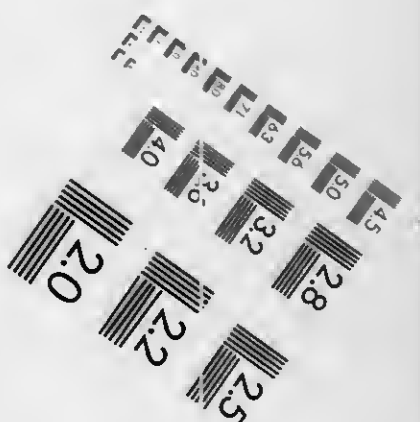
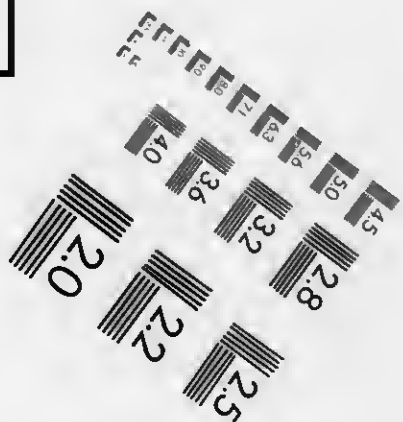
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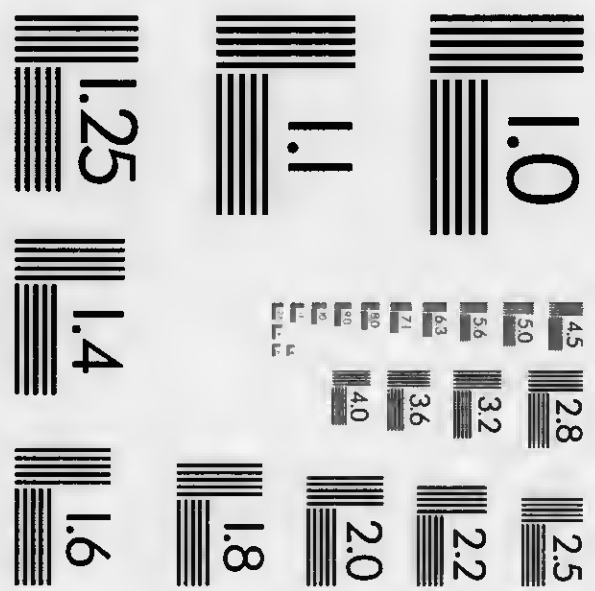
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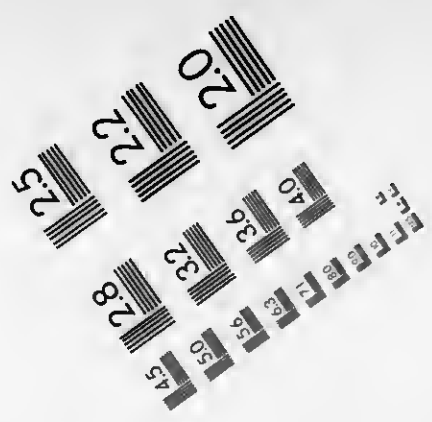
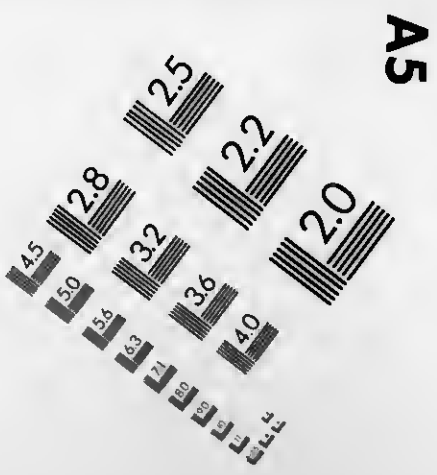
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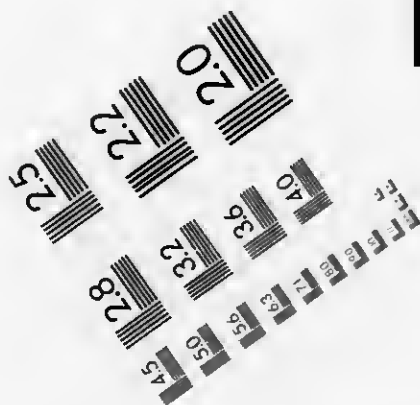
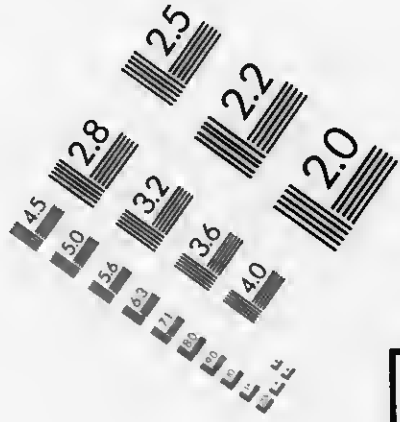
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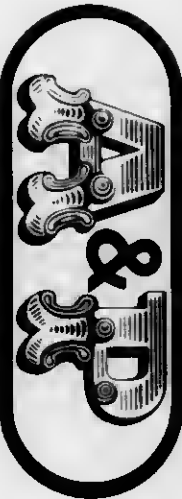
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PRECISIONSM RESOLUTION TARGETS



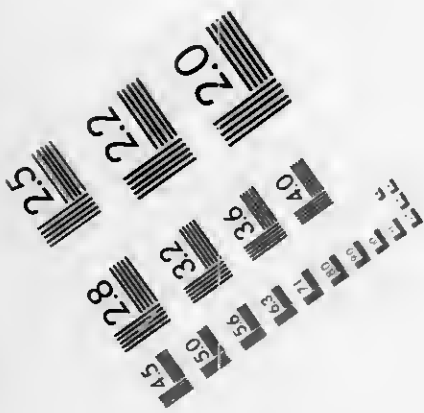
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