

KREMERS FILES
FOR THE HISTORY OF PHARMACY
A CLASSIFICATION SCHEME

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INTRODUCTION

SCOPE OF THE KREMERS FILES FOR THE HISTORY OF PHARMACY

This vertical file collection contains materials of all kinds that cannot readily be organized on library shelves. Collected since the late nineteenth century, mainly for historical value, the Kremers Files are primarily pharmaceutical in nature, although they also include a small amount of material on related sciences and professions. Geographically, they are American in emphasis, but they are also international in scope since they contain a wide range of information on other countries. The files are arranged post-1875 for the most part, but also contain representative secondary sources on earlier historical periods. Although this collection contains some interspersed manuscript material, the user should see the "American Institute of the History of Pharmacy Collection" in the State Historical Society of Wisconsin for the principal cumulation of American pharmaceutical manuscripts.

OWNERSHIP OF THE COLLECTION

This collection should be cited bibliographically as the "Kremers Files for the History of Pharmacy, School of Pharmacy, University of Wisconsin-Madison, Madison, Wisconsin 53706." The American Institute of the History of Pharmacy also retains title to some materials it has deposited from time to time and items so designated in the files should be cited bibliographically as the property of the "American Institute of the History of Pharmacy."

NATURE OF THE COLLECTION'S CONTENTS

The Kremers Files is a unique historical collection in pharmacy, containing materials from 1850 onwards in the form of letters, laboratory records, minute books of organizations and other organizational records, prescriptions, pictures, photographs, pamphlets, circulars, reprints, broadsides, advertising, biographical materials, examples of pharmaceutical literature, price lists, company reports and brochures, and other similar material.

INTRODUCTION - cont.

ORGANIZATION OF THE FILES

This collection is housed in legal-sized file drawers (about 950 linear feet of material), in labeled folders, arranged according to the classification scheme presented here. Materials too large to file in the standard filing cabinets are housed in a separate map file (oversize) cabinet in the same order as in the main collection. In addition, pictorial or other predominantly iconographic materials are filed in a separate section of the files designated as "P", except for portraits of individuals, which are found in the biographical section "A2". Section "P" follows the alpha/numeric arrangement used in Sections "B", "C", and "D"; for example, to find informational text relating to symbols, look under "C34(c) Symbols," but to locate pictures of symbols that have little or no text associated with them consult the pictorial section under "P34(c) Symbols."

USE OF THE COLLECTION

1. Access to the Kremers Reference Files is through the Pharmacy Library and is available between the hours of 8:00 am and 3:45 pm weekdays when the library is open for service, but not on weekends. Direct requests to the librarian or library assistant (not to the student library aides) for access, photocopying procedures, additional information, etc. After-hours access for professional historians and graduate students working on an urgent time schedule sometimes can be arranged by application to the collection manager or one of the historians in the School of Pharmacy.
2. Individuals consulting the files may take only note-taking materials into the collection--no coats, jackets, backpacks, briefcases, purses, or the like should be kept in the area.
3. Note taking materials must be confined to pencils, paper, cameras, disks and portable computers, etc.--no pens, magic markers, etc. are allowed in the filing cabinet area.

INTRODUCTION - cont.

USE OF THE COLLECTION - cont.

4. **DO NOT REMOVE INDIVIDUAL ITEMS FROM FILE FOLDERS.** Remove and use entire folder. An "OUT" card must be inserted wherever a folder is removed. These cards are found at the front of each file drawer. Handle file materials with extreme care; put all materials back in order carefully in their matching file folders after use. Do not mark on or fold any collection material.
5. Materials may not be taken from the Kremers Files room without prior permission of the collection manager. For example, advance arrangements may be made for photocopying.
6. The classification scheme that follows was originally adapted by Glenn Sonnedecker and Ernst W. Stieb from the Isis bibliographies. Gaps have been left in the number and letter sequences either to permit opening additional categories later or to accommodate the scheme to uses elsewhere in the School of Pharmacy. Some significant categories are missing merely because not enough relevant material has accumulated to justify a specialized topical sub-category. Also, folders representing fine subdivisions have often been added to a category listed herein without encumbering this printed guide by their addition. No item-by-item catalog of the collection is in prospect because of the lack of manpower, and to minimize this deficiency, cross-references are often added throughout the scheme and/or in the file folders themselves. **ITEMS ARE FILED** within the finest subdivision into which they fit properly. However, every category has a "general" accumulation preceding any more specialized subdivisions. Such specialized topical subdivisions are not added in separate folders until the quantity of items on hand or in prospect make them useful.
7. Please feel free to consult with any of the historians of pharmacy connected with the U.W. School of Pharmacy to help you derive the most benefit from your use of the collection. The collection manager can refer you to a historical consultant as needed.

INTRODUCTION - cont.

PRESERVATION CONSIDERATIONS

These are basic procedures used in processing materials for the Kremers Files for the History of Pharmacy.

1. New acquisitions must be cleaned by brushing or dusting before processing. Table work surfaces must also be brushed clean as needed during preparation of materials for filing.
2. Materials should be marked with file classification codes following these guidelines:
 - a. Use a soft lead pencil (never one harder than a #2).
 - b. Write **LIGHTLY**. Writing should never indent the surface of an item.
 - c. Write in margin areas only.
 - d. Write on the back of one-sided materials and on the inside front cover of programs, pamphlets, booklets, and the like.
 - e. For photographic prints, write only on the back in the margins, that is, the areas which correspond to the white "frame" of the print. If no white margin exists, write on the back in areas corresponding, if possible, to parts of the image which contain little or no "information". Pressure used in writing on photographs will crack the photo image. **DO NOT USE ADHESIVE LABELS TO IDENTIFY PHOTOGRAPHS.** Photographic negatives should be filed in the same manner as photographic prints, except that each should be placed in a separate, labelled, acid-free envelope, and never left in the negative's original glassine or paper envelope.

INTRODUCTION - cont.

PRESERVATION CONSIDERATIONS - cont.

2. Marking guidelines - cont.

- f. Be accurate in marking. If a mistake is made use only white vinyl (e.g., Magic Rub) erasers to remove errors. Hold the item firmly flat on the table while erasing. Erase in one direction only: **TOWARD THE OUTSIDE EDGE** of the sheet. Never erase from the outside edge toward the middle. Using a brush, clean away all eraser crumbs off the item and the table top before continuing to work.
3. Carefully unfold or unroll material to be processed. If the material is too brittle, unrolling or unfolding will crack or badly damage it. **DO NOT FORCE SUCH MATERIAL OPEN.** Take the rolled/folded item to the collection manager for handling by a conservation expert.
4. Carefully remove all foreign objects from the materials, such as paper clips, rubber bands, brads, straight pins and any other type of fastener. When foldering unfastened items be sure to retain original order in the file folder. **DO NOT USE** paper clips, rubber bands, rusty staples, etc. for fastening related materials together.
5. If staples must be used to keep related information together use only stainless steel staples. Staple at an oblique angle to the upper left corner of the sheet. Do not obscure text by stapling too close to it. **NEVER USE** staples of any type or any other kind of fastener on photographic materials.
6. Put print material into acid-free, buffered, legal-sized file folders and file these in the appropriate hanging files in the Kremers cabinets.
7. Put photographic materials in acid-free, legal-sized file folders (if they are not oversized) and place in the appropriate hanging files in the photographic ("P" collection) cabinets.

INTRODUCTION - cont.

PRESERVATION CONSIDERATIONS - cont.

8. Oversized materials must be placed in the appropriate acid-free map file folders in the map file (oversized) cabinet in Kremers.
9. Directions to refer researchers for more information to the map file (oversized) cabinet should be typed on acid-free paper provided for the purpose and filed in the Kremers file folder (where the oversized items would have been filed if they had not been larger than legal-size).
10. If materials are discovered that need repair, please bring them to the attention of the collection manager. Do not repair them yourself and DO NOT USE scotch, masking, or mending tape of any kind.
11. If you notice items in the files during the course of your work which seem to be misfiled or misclassified, please report them to the collection manager.
12. NEVER DISCARD ANY MATERIAL FROM THE KREMERS COLLECTION. If you should come across something that you consider of little or no value, please report your suggestion(s) to the collection manager. The final decision on retention must be made by the collection manager and/or the historians of pharmacy.
13. IN SUM, the folders, boxes, labels, erasers, staples, pencils, etc. that are suitable for use in handling materials in the Kremers collection are available in the room. Please alert the collection manager when any supplies are about to run out.

OUTLINE OF MAIN CATEGORIES

A. GENERAL REFERENCES AND TOOLS

1. Bibliographic
2. Biography
3. Encyclopedias and Dictionaries
4. General Works
5. Historiography

B. PRE-1600

10. Pre-Classical Cultures (other than Far Eastern and Pre-Columbian)
11. Far East Pre-Classical to A.D. 1600
12. Classical Antiquity to about A.D. 500 (other than Far Eastern and Pre-Columbian)
13. Islam and Near East, A.D. 500-1600
14. Europe and Byzantium, A.D. 500-1600
15. Pre-Columbian Americas
16. Primitive, Supernatural, Religious and Folk Medicine

C. TOPICAL--1600 ONWARDS

18. Marketing
19. Merchandising Methods; Advertising; Promotional
20. Mergers; Combines; Cartels
21. Personnel Matters
22. Financial
23. Design
24. Location
25. Types of Distribution
26. Ownership Restrictions
27. Volume by Departments in Pharmacies
28. Sidelines of Pharmacies
29. Socialization of Pharmaceutical Services
30. Pharmaceutical Disciplines

OUTLINE OF MAIN CATEGORIES - cont.

C. TOPICAL--1600 ONWARDS - cont.

31. Educational Institutions and Programs
32. History of Literature
33. Institutional Settings for Pharmacy
34. Humanistic Relations
- 35.
36. Organizations
37. Instruments, Equipment and Technics
38. Manufacturing
39. Materia Medica, Pharmacology (including Toxicology), and
Therapeutics
40. Drug Information Services and Mechanisms
41. Perfumes, Cosmetics, and Toiletries
42. Primitive, Religious, Supernatural and Folk Medicine
43. Research, Discovery and Achievement
44. Retail Pharmacy
45. Sickroom Supplies, Medical Devices and Dressings
46. Social Relations
47. Wholesale Pharmacy
48. Philosophy and Methodology

D. RELATED MATERIALS NOT IN SECTIONS "A", "B" OR "C"

60. Biological Sciences
61. Business and Economics
62. Earth Sciences
63. Health Fields
64. History
65. Humanities
66. Physical Sciences
67. Social Studies and Conditions
68. Technology

CATEGORIES P1 thru P68 contain pictorial materials of the foregoing topics.

KRF CLASSIFICATION SCHEME

A. GENERAL REFERENCES AND TOOLS

1. BIBLIOGRAPHIC (see also "B", "C", or "D" for bibliographies restricted in subject or time to a single category)

(a) Bibliographies (including catalogs of library and archival collections)

- I. Pharmacy
- II. Biology
- III. Chemistry and Alchemy
- IV. Medicine
- V. Other Sciences and Technology

(b) Indices and Abstract Services

- I. Pharmacy
- II. Other

2. BIOGRAPHY (individual names whether in pharmacy or related fields, are filed in a single A-to-Z section under "A2". "A2" includes portraits, while "P2" includes only patient pictures as types. Material on groups of individuals is found under the following topical subdivisions when applicable)

- (a) Pharmacy
- (b) Biology
- (c) Chemistry
- (d) Medicine
- (e) Other Sciences and Technology

KRF CLASSIFICATION SCHEME

A. GENERAL REFERENCES AND TOOLS - cont.

3. ENCYCLOPEDIAS AND DICTIONARIES

(a) Pharmacy and Medicine

4. GENERAL WORKS (including works that cover more than one of one of the categories in "B", "C", and/or "D" and also national histories)

(a) Pharmacy

I. United States (by states, A-Z)

II. Foreign (by countries, A-Z)

(b) Biology

(c) Chemistry

(d) Medicine

I. United States (by states, A-Z)

II. Foreign (by countries, A-Z)

(e) Other Sciences and Technology

I. Automation

KRF CLASSIFICATION SCHEME

A. GENERAL REFERENCES AND TOOLS - cont.

5. HISTORIOGRAPHY

(a) Chronologies

- I. Anniversary years, individual (-01, -2, etc., -100)
- II. Compilations, Printed

(b) Collecting

- I. Objects
- II. Printed and Manuscript Material

(c) Collections (location, description, addresses, etc.; see "C36" for histories of individual collections)

- I. Drugs
- II. Manuscripts
- III. Objects
- IV. Prescriptions
- V. Printed Material

(d) Courses and Academic Research in the History of Pharmacy and Related Fields

- I. United States
- II. Foreign

(e) Dealers' Addresses and Services

- I. Objects
- II. Printed Material

KRF CLASSIFICATION SCHEME

A. GENERAL REFERENCES AND TOOLS - cont.

5. HISTORIOGRAPHY - cont.

(f) Historians' Addresses and Similar Information (see "A2" for biographical information)

I. International Academy of the History of Pharmacy

(g) Methods and Philosophy

I. Exhibit and Museum Methods

II. Organizations

III. Philosophy of History

IV. Research and Writing Methods

(i) Oral History

V. Teaching Methods

(h) Publication Channels

I. United States

(i) National

(ii) Sectional, State and Local

II. Foreign

III. International

(i) Sources of Research and Publication Support or Prizes

I. Hollister Fund

KRF CLASSIFICATION SCHEME

A. GENERAL REFERENCES AND TOOLS - cont.

5. HISTORIOGRAPHY - cont.

- (j) Societies, Historical (including location and addresses; see "C36" for histories of individual societies)

- I. World Union of Societies for the History of Pharmacy

KRF CLASSIFICATION SCHEME

B. PRE-1600

10. PRE-CLASSICAL CULTURES (other than Far Eastern and Pre-Columbian American)

- (a) Egyptian
- (b) Sumerian-Babylonian (Mesopotamian)

11. FAR EAST PRE-CLASSICAL TO A.D. 1600

- (a) China
- (b) India
- (c) Other

12. CLASSICAL ANTIQUITY TO ABOUT A.D. 500 (other than Far Eastern and Pre-Columbian American)

- (a) Drugs and Medical Botany
- (b) Bibliographic Tools
- (c) Chemistry
- (d) Encyclopedias
- (e) General References
- (f) Medicine

- I. Asklepios
- II. Hippocratic

- (g) Pharmaceutical Services
- (h) Other Sciences and Technology

KRF CLASSIFICATION SCHEME

B. PRE-1600 - cont.

13. ISLAM AND NEAR EAST, A.D. 500-1600

- (a) Pharmacy
- (b) Drugs and Medical Botany
- (c) Bibliographic Tools
- (d) Chemistry
- (e) Encyclopedias
- (f) Medicine
- (g) Other Sciences and Technology

14. EUROPEAN AND BYZANTIUM, A.D. 500-1600

- (a) Pharmacy
- (b) Drugs and Medical Botany
- (c) Bibliographic Tools
- (d) Chemistry and Alchemy
- (e) Encyclopedias
- (f) Medicine
- (g) Other Sciences and Technology

15. PRE-COLUMBIAN AMERICAS

16. PRIMITIVE, SUPERNATURAL, RELIGIOUS AND FOLK MEDICINE

- (a) Primitive
- (b) Religious and Supernatural (other than primitive)
- (c) Folk Medicine

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS

Sections "C18" through "C30" are restricted primarily to economic and administrative aspects of the pharmaceutical field.

18. MARKETING

(a) Markets; Channels of Distribution

- I. Retail (Community) Pharmacy
- II. Medical (e.g., M.D., D.O., D.D.S.)
- III. Hospital and Nursing Home
- IV. Governmental
- V. Industrial
- VI. Veterinary
- VII. Non-Pharmacist Outlets

(b) Marketing Costs

(c) Marketing Functions; Scope; Motives

- I. Producer Viewpoints
- II. Consumer Viewpoints

(d) Marketing Research and Testing

(e) Marketing Influences from Third-Party Payment (including government and prepayment plans; see also "C46(h)")

(f) Crude (Raw) Natural Drugs' Market; Trade Practices; Trade Routes

(g) International Trade (see also other topics in "C18" to "C26")

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

19. MERCHANDISING METHODS; ADVERTISING; PROMOTIONAL (see also "C46(g)II(i)")

(a) United States

- I. Labeling and Packaging (other than drug nomenclature, for which see "C34(d)I" and "C46(p)"; see also "C46(g)II(i)" and "C46(g)II(vi)")
- II. "Detailing" (salesmanship)
- III. Direct Mail
- IV. Journal Advertising
- V. Sampling
- VI. Radio and Television Advertising

(b) Foreign

20. MERGERS; COMBINES; CARTELS

(a) United States

(b) Foreign

21. PERSONNEL MATTERS

(a) Auxiliary Personnel (e.g., subprofessionals, technicians, etc.)

- I. United States
- II. Foreign

(b) Women-Pharmacists

- I. United States
- II. Foreign

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

21. PERSONNEL MATTERS - cont.

(c) Employee Relations

I. Unions

II. Other Employee Organizations

(d) Ethnic Minorities

(e) Mobility

I. Geographic

II. Financial and Status

(f) Psychological and Personality Factors of Personnel and Pharmaceutical Services

22. FINANCIAL

(a) Prices; Profits; Costs; Pricing Methods (see also "C18(b)")

I. United States

(i) Price Cutting

II. Foreign

(b) Capitalization

(c) Salaries

(d) Pharmaceutical Philanthropy

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

23. DESIGN AND LAYOUT TECHNIQUES (see also under: Retail; Hospital; Wholesale; Manufacturing; etc.)

- (a) Layout
- (b) Efficiency (and Functional)
- (c) Esthetic and Status Considerations

24. LOCATION (see also under: Retail; Hospital; Wholesale; Manufacturing; etc.)

- (a) Geographic Distribution
- (b) Restrictions on Location
- (c) Location Analysis

25. TYPES OF DISTRIBUTION

(a) Multiple-Purpose Setting or Environment

- I. Department Stores
- II. Supermarkets
- III. Clinic; Group Practice; Medical Center; Health Maintenance Organizations

(b) Retail (Community) Pharmacies

- I. General
- II. Prescription Oriented (includes so-called "professional pharmacies")
- III. Franchise Pharmacies, (e.g., Rexall)
- IV. Chainstores and "Satellite" Pharmacies
- V. Mail-Order Practice

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

25. TYPES OF DISTRIBUTION - cont.

(c) Cooperatives

- I. Distributive (Retail)
- II. Wholesale
- III. Manufacturing

(d) Competitors of Pharmacists (Non-Pharmacist Owned or Controlled)

- I. Dispensing Physicians
- II. Grocers
- III. Department Stores and Supermarkets (without pharmacists)
- IV. Door-to-Door Distributors
- V. Mail-Order (without pharmacists)
- VI. Retail Shops Without Pharmacists (e.g., American "permit stores"; German "Drogerie"; health-food stores)

26. OWNERSHIP RESTRICTIONS

- (a) Retail (Community) and Institutional
- (b) Wholesale
- (c) Manufacturing

27. VOLUME BY DEPARTMENTS IN PHARMACIES

- (a) United States
- (b) Foreign

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

28. SIDELINES OF PHARMACIES

- (a) Soda Foundation (including carbonated waters)

29. SOCIALIZATION OF PHARMACEUTICAL SERVICES

- (a) United States
- (b) Foreign

30. PHARMACEUTICAL DISCIPLINES

- (a) Clinical Pharmacy
- (b) Clinical Testing
- (c) History of Pharmacy
- (d) Medicinal Chemistry
- (e) Nuclear Pharmacy
- (f) Pharmaceutical Analysis
- (g) Pharmaceutical Biochemistry
- (h) Pharmaceutical Biotechnology
- (i) Pharmaceutical Chemistry
- (j) Pharmaceutical Technology
- (k) Pharmaceutics
- (l) Pharmacoepidemiology
- (m) Pharmacognosy
- (n) Pharmacokinetics
- (o) Pharmacology
- (p) Pharmacy Administration and Economics
- (q) Pharmacy Practice
- (r) Social and Behavioral Pharmacy
- (s) Therapeutics
- (t) Toxicology
- (u) Veterinary Pharmacy

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

31. EDUCATIONAL INSTITUTIONS AND PROGRAMS

(a) Pharmacy

- I. United States (by states, A-Z, subdivided by institution, and where warranted, further subdivided chronologically)
- II. Foreign (by countries, A-Z)

(b) Chemistry

- I. United States
- II. Foreign

(c) Medicine

- I. United States
- II. Foreign

(d) Other Specific Fields

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

32. HISTORY OF LITERATURE

NOTE: Under each class of literature, the category "I" (e.g., "C32(d)I") may be subdivided by countries. The category "(i)" (e.g., "C32(d)I(i)") may be subdivided by author (or by title if no author). (see also "C40(b)").

(a) Dispensatories; Commentaries; Textbooks, Encyclopedic Works (and similar publications)

(b)

(c) Ephemera

I. General

II. Calendars

III. Almanacs

IV. Handbills

V. Posters

VI. Tradecards

(d) Formularies

I. Formularies (by countries, A-Z)

II. "Universal" and International Formularies

III. Hospital Formularies

IV. Formularies for the Underprivileged (e.g., "Pharmacopeia Pauperum")

(e) Herbals and Home Medical Books

(f) Legalized Drug Standards (Pharmacopeias)

I. Legalized Drug Standards (by countries, A-Z)

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

32. HISTORY OF LITERATURE - cont.

(g) Serials (including annuals, etc.)

I. United States, national and sectional series (by title, A-Z)

(i) House Organs (by companies, A-Z)

II. United States, state and local (by state, A-Z--each subdivided by title, A-Z)

III. Foreign serials (by country, A-Z--each subdivided by title, A-Z)

33. INSTITUTIONAL SETTINGS FOR PHARMACY

(a) Hospitals

I. United States (by states, A-Z)

II. Foreign (by countries, A-Z)

(b) Clinics; Group Practice; Medical Centers; Health Maintenance Organizations

(c) Nursing Homes and Hospices

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

34. HUMANISTIC RELATIONS

(a)

(b) Literary and Dramatic Arts

I. Aphorisms and Quotations

II. Contributions by Pharmacists to Non-Pharmacy Literary Endeavors

III. Religious Aspects

IV. Reflections of Pharmacy in Literary and Dramatic Works
(including films, radio, television, etc.)

(i) General

(ii) Specific (by individual subjects and authors, A-Z)

V. Bookplates; Title Pages; Typography; Paleography; Ornamental Illustrations; etc.

(i) Title Pages and Frontispieces, United States

(ii) Title Pages and Frontispieces, Foreign

(iii) Typography

(iv) Manuscript Styles

(v) Bookplates

(c) Symbols

I. Alchemical

II. Bowl of Hygeia

III. Chemical

IV. Medical

V. Mortar as Symbol

VI. Prescription and Formula Signs

VII. Showglobe

VIII. Metrology

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

34. HUMANISTIC RELATIONS - cont.

(d) Terminology

I. Drug Nomenclature

(i) Geographic Terms, A-Z

(ii) Proprietary Names

II. Botanical and Biological

III. Dictionaries (by countries, A-Z)

IV. Philology and Linguistics (by letter, A-Z)

V. Professional

(i) Pharmakon and derivatives

(ii) Apotheke and derivatives

(iii) Pharmaceutical Latin

VI. Scientific, including medical sciences

VII. Chemical and Alchemical

VIII. Numeric Expressions

(e) Music and Health Fields

I. Classical

II. Popular

(f)

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

34. HUMANISTIC RELATIONS - cont.

(g) Painting and Graphics in Relation to the Health Field including memorials)

- I. Religious
- II. Artistic Portraiture
- III. Still Life
- IV. Caricature and Cartoon

- (i) Pharmacy
- (ii) Medicine
- (iii) Chemistry

- V. Parke-Davis/Thom Project, 1950's
- VI. Philately
- VII. Paintings of Pharmacies

(h) Sculpture in Relation to the Health Field (including memorials)

- I. Religious
- II. Artistic Portraiture
- III. Artistic Equipment, including metal crafts (see also categories
elsewhere for specific types of pharmaceutical equipment)
- IV. Numismatics
 - (i) United States
 - (ii) Foreign

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

36. INSTITUTIONAL HISTORIES (for schools, see "C31")

NOTE: Any institution or organization, when quantity of material warrants, may have subdivisions not only for the title of the organization but also for chronology by years or decades. etc.

(a) Botanical Gardens

- I. United States
- II. Foreign

(b) Laboratories (see also "C31", "C38" and "C43")

- I. United States
- II. Foreign

(c) Libraries

- I. United States
- II. Foreign

(d) Museums (see also "A5(c)")

- I. United States (See Insert After this Page)
- II. Foreign

(e) Organized Cooperation, American - National and Sectional

- I. Organizations by title, A-Z. **NOTE:** Subdivisions for each organization are chronological, by year or decade, etc.
(Topical subdivisions may be used occasionally in the files when warranted by the bulk of an organization's records without being listed here.)

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

36. INSTITUTIONAL HISTORIES - cont.

(f) Organized Cooperation, American - State and Local

- I. Organizations by states, A-Z. NOTE: Subdivisions may be the same as used under "C36(e)I" above.

(g) Organized Cooperation, Foreign

- I. Organizations by countries, A-Z. NOTE: Subdivisions may be the same as used under "C36(e)I" above.

(h) Organized Cooperation, International. NOTE: Subdivisions may be the same as used under "C36(e)I" above.

- I. International Pharmaceutical Federation
- II. World Congresses of Pharmacy
- III. Pan-American Congresses of Pharmacy (and Biochemistry)
- IV. Middle East Pharmaceutical Congresses
- V. World Union of Societies for the History of Pharmacy
- VI. International Academy of the History of Pharmacy
- VII. Other International Activities
- VIII. United Nations (including the World Health Organization)
- IX. International Pharmaceutical Students Federation
- X. International Society for the History of Pharmacy

KRF CLASSIFICATION SCHEME**C. TOPICAL--1600 ONWARDS - cont.****37. INSTRUMENTS, EQUIPMENT AND TECHNICS****(a) Forms of Administration**

- I. Ampuls; Injections; Parenterals; Vials**
- II. Balnes; Semicupia; Insessia**
- III. Syrups; Juices; Confections; Lohochs; Preserves; Honey; Gum; Electuaries; Quiddonies; Juleps; Jellies; Apozemes; Conditia; Conserves**
- IV. Effervescent Salts**
- V. Emulsions**
- VI. Enemas; Clysters**
- VII. Extracts**
- VIII. Infusions; Decoctions**
- IX. Liniments; Lotions; Petroxolins**
- X. Mixtures; Magmas; Gels; Pastes; Milks; Gelatins; Suspensions; Creams**
- XI. Mucilages; Creams; Glycerogelatins; Glycerites; Collodions; Mulsios**
- XII. Ointments; Cerates; Plasters; Poultices; Cataplasms; Frontalia; Salves**
- XIII. Pessaries**
- XIV. Pills; Troches; Tablets; Lozenges; Masses; Pellets; Boluses; Wafers; Dragees; Triturates**
- XV. Powders; Capsules; Cachets; Precipitates; Perles; Magesteries; Brisettes; Globules**
- XVI. Resins; Oleoresins; Balsams**
- XVII. Sacculus; Scutum; Cucufa**
- XVIII. Soaps; Oleates; Oils**
- XIX. Solutions; Waters; Potions; Epithema; Collyria; Cordials; Curds; Drops**

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

37. INSTRUMENTS, EQUIPMENT AND TECHNICS - cont.

(a) Forms of Administration - cont.

- XX. Spirits; Elixirs; Wies; Brandies
- XXI. Sprays; Inhalants; Cones; Aerosols
- XXII. Suppositories; Noduli; Bougie
- XXIII. Tinctures; Vinegars; Fluidextracts; Fluidglycerates; Essences
- XXIV. Prolonged-Action (Sustained Release) Dosage Forms

(b) Glassware (NOT drug containers, for which see "C37(d)" below)

(c) Technical Apparatus

I. General

II. Specific (by individual items, A-Z; but for mortars, see "C37(c)III" below; and for balances, see "C37(e)II" below)

III. Mortars

- (i) Gothic
- (ii) Late-Gothic
- (iii) Gothic-Renaissance Transition
- (iv) Renaissance
- (v) Persian and Arabic
- (vi) Post-Renaissance, Foreign
- (vii) Post-Renaissance, United States

KRF CLASSIFICATION SCHEME**C. TOPICAL--1600 ONWARDS - cont.****37. INSTRUMENTS, EQUIPMENT AND TECHNICS - cont.****(d) Drug Containers**

- I. Delft**
- II. Majolica (Faience) Tin Glaze**
- III. Porcelain**
- IV. Wood and Paper Products**
- V. Metal**
- VI. Cabinets and Chests**
- VII. Glass**

(e) Metrology

- I. Measures (other than weights)**
- II. Weights and Balances**

(f)**(g) Processes, Techniques**

- I. General**
- II. Specific (by individual technique or process, A-Z)**

(h) Pharmaceutical Dress and Uniforms

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

38. MANUFACTURING

(a) United States

I. Companies (by name, A-Z). NOTE: Various subdivisions exist but are not listed here

(b) Foreign

I. Companies (by name, A-Z). NOTE: Various subdivisions exist but are not listed here

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY

(a) Theories and Concepts

- I. Of Drug Action (Pharmacodynamics)
- II. Of Therapeutics
- III. Of Diseases

(b) Individual Diseases (by name, A-Z; including pathology and/or therapeutics; for material dealing largely with theoretical concepts, see "C39(a)" above

(c) Types of Therapeutic, Preventive and Diagnostic Techniques (for sickroom and first-aid supplies, such as dressings, thermometers, and crutches, see "C45")

- I. Chemotherapy
- II. Medicinal Waters and Spas
- III. Radiotherapy and X-ray Diagnosis
- IV. Psychopharmacological Therapy
- V. Immunological Techniques
- VI. Diagnostic Tests and Procedures

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY - cont.

NOTE: Categories "C39(d)", "C39(e)" and "C39(f)" contain materials stressing other than pharmacologic and therapeutic properties--such as sources, isolation, synthesis, structure, etc. See "C39(h)" for materials dealing largely with the pharmacological properties and therapeutic uses of drugs.

(d) Natural Products (excluding minerals)

I. Botanicals (for materials concerned primarily with plant chemistry, see "C39(d)III"; for botanical drugs indigenous to the Americas, see especially "C39(d)IV")

(i) Spices

(ii) Teas

II. Microbiological (including antibiotics)

III. Phytochemical

IV. Indigenous to the Americas

V. Zoological

VI. Genetically Engineered Drugs

(e) Inorganic Chemical Products (including mineral drugs)

(f) Synthetic Organic Products

I. Sulfonamides

II. Organic Arsenicals

(g) Individual Drugs (by name, A-Z--nonproprietary or "generic" names are given preference; see also "C39(k)")

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY - cont.

- (h) Classification by Pharmacological and Therapeutic Action
(materials dealing largely with the pharmacological properties and therapeutic uses of drugs are included in this category); see "C39(d)", "C39(e)" and "C39(f)" for materials concerned largely with other aspects of the materia medica, such as sources, isolation, synthesis, structure, etc.; see "C39(g)" for material on individual drugs)

I. Internal Anti-Infective Agents

- (i) Anthelmintics
- (ii) Antibiotics
- (iii) Antiprotozoal Agents (including trypanocidal and spirillicidal drugs)
- (iv) Antivirals

II. External Anti-Infective Agents (Antiseptics and Disinfectants)

III. Antineoplastic Agents

IV. Autonomic Drugs

- (i) Parasympathomimetics and Sympathomimetics

V. Central Nervous System Stimulants

- (i) Amphetamines

VI. Hypnotics, Sedatives and Tranquilizers

- (i) Barbiturates
- (ii) Major Tranquilizers
- (iii) Minor Tranquilizers

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY - cont.

(h) Classification by Pharmacological and Therapeutic Action - cont.

VII. Anesthetics

- (i) Local
- (ii) General

VIII. Anticonvulsants, Antispasmodics and Muscle Relaxants

IX. Antipyretics, Analgesics and Anti-Inflammatory Agents

X. Cardiac Drugs

XI. Vasodilating and Vasoconstricting Substances

XII. Diuretics

XIII. Expectorants and Antitussives

XIV. Antihistamatics

XV. Gastric Antacids and Digestants

XVI. Cathartics, Laxatives and Anti-Diarrhea Agents

XVII. Emetics and Anti-Emetics

XIII. Aphrodisiacs and Anaphrodisiacs

XIX. Contraceptives

XX. Oxytocics (including Abortifacients)

XXI. Hormones (excluding contraceptives)

XXII. Vitamins

XXIII. Blood, Fluid and Electrolyte Replacements

XXIV. Coagulants and Anticoagulants

XXV. Antigens (Serums, Vaccines and Antitoxins)

XXVI. Psychedelics and Hallucinogens

- (i)

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY - cont.

- (j) Poisoning and Untoward Reactions (for material dealing mainly with the theory of the mode of action of toxic substances; see especially "C39(a)I")

I. Human Poisoning

- (i) Warfare
- (ii) Food Poisoning
- (iii) Accidental Poisoning (excluding food poisoning, insecticides and untoward reactions)
- (iv) Homicide and Suicide
- (v) Poisoning from Animal and Insect Bites
- (vi) Untoward Reactions and Iatrogenic Diseases

II. Animal Poisoning

III. Insecticides (including toxic effects on animals and humans)

IV. Testing, Identification and Detection of Poisons

V. Poisonous Substances (only materials dealing largely with their toxic effects)

- (i) Alkaloids (including strychnine)
- (ii) Arsenic
- (iii) Cyanide
- (iv) Mercury
- (v) Lead
- (vi) Antidotes to poisonous substances

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

39. MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS AND TOXICOLOGY - cont.

(k) Self-Medication (see also "C46(m)")

I. Proprietary (see also "C46(g)II")

II. Nonproprietary

(l) Pharmaceutical Vehicles and Necessities

(m) Preservation and Stabilization of Drugs

(n) Adulteration and Counterfeiting

(o) Control of Quality and Drug Standardization (see "C32(f)")

I. Bioassay

(p) Clinical Trials (for safety and efficacy)

(q) Prescriptions and Prescription Writing

I. Proprietary (see also "C39(k)I" and "C46(g)II")

II. Nonproprietary

(r) Posology

(s) Placebos

(t) Metabolism of Drugs

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

40. DRUG INFORMATION SERVICES AND MECHANISMS (including clinical pharmacy services; storage and retrieval; communication techniques, etc.)

(a) Clinical Pharmacy

- I. United States
- II. Foreign (by countries, A-Z)

(b) Drug Information Centers

- I. United States
- II. Foreign (by countries, A-Z)

(c) Medication Records (including "profiles")

- I. United States
- II. Foreign (by countries, A-Z)

41. PERFUMES, COSMETICS, TOILETRIES

- (a) Perfumes
- (b) Cosmetics
- (c) Toiletries

42. PRIMITIVE, RELIGIOUS, SUPERNATURAL AND FOLK MEDICINE

- (a) Primitive
- (b) Religious and Supernatural (other than primitive)
- (c) Folk Medicine

KRF CLASSIFICATION SCHEME**C. TOPICAL--1600 ONWARDS - cont.****43. RESEARCH, DISCOVERY AND ACHIEVEMENT**

- (a) United States
- (b) Foreign
- (c) Awards and Prizes

44. RETAIL PHARMACY (including practice, character and functional operation of pharmacies and drugstores)

- (a) United States (general and by quarter-centuries)

- I. States (A-Z; this subdivision exists in division "C" only)

- (b) Foreign (general and by centuries)

- I. Countries (A-Z)

45. SICKROOM SUPPLIES, MEDICAL DEVICES, DRESSINGS

- (a) Dressings; Bandages
- (b) Clinical Thermometers

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

46. SOCIAL RELATIONS

(a) Pharmacist and Pharmacy in Civic and Humanitarian Services

- I. United States
- II. Foreign (by countries, A-Z)

(b) Pharmacist and Pharmacy in Government and Military Services

- I. United States
- II. Foreign (by countries, A-Z)

(c) Pharmacist and Pharmacy in Public Health Activities

- I. United States
- II. Foreign (by countries, A-Z)

(d) Pharmacy as a Vocation; and Intra-professional Relations

- I. United States
- II. Foreign (by countries, A-Z)

(e)

(f) Ethics

I. Pharmacy

- (i) United States
- (ii) Foreign (by countries, A-Z)

II. Medicine

III. Other Specific Professions

IV. Philosophic

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

46. SOCIAL RELATIONS - cont.

(g) Legislation and Regulatory

I. Pharmacy Practice Acts (including state boards)

- (i) United States (by states, A-Z)
- (ii) Foreign (by countries, A-Z)

II. Commercial Laws

- (i) Advertising
- (ii) Liability
- (iii) Patent (see also "C46(j)")
- (iv) Price
- (v) Taxes
- (vi) Trademark (see also "C46(p)")
- (vii) Anti-Monopoly

III. Food and Drug Laws

- (i) United States, National
- (ii) United States, State
- (iii) Foreign

IV. Narcotic and Drug Abuse Laws

- (i) United States, National
- (ii) United States, State
- (iii) Foreign

KRF CLASSIFICATION SCHEME**C. TOPICAL--1600 ONWARDS - cont.****46. SOCIAL RELATIONS - cont.****(g) Legislation and Regulatory - cont.****V. Poison Laws**

- (i) United States, National**
- (ii) United States, State**
- (iii) Foreign**

(h) Medical Care, Health Economics and Insurance (see also under "C22" and "C25")

- I. United States (by states, A-Z)**
- II. Foreign (by countries, A-Z)**

(i) Non-Medicinal Drug Use and Drug Abuse (for laws, see "C46(g)IV")

- I. United States**
- II. Foreign**

(j) Patents (for laws, see "C46(g)II(iii)")

- I. United States**
- II. Foreign**

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

46. SOCIAL RELATIONS - cont.

(k) Professional Relations

I. United States

(i) Exhibits and Displays (for pictures, see the "P" section)

II. Foreign

(i) Exhibits and Displays (for pictures, see the "P" section)

(l) Public Relations and Attitudes

I. United States

(i) Exhibits and Displays (for pictures, see the "P" section)

II. Foreign

(i) Exhibits and Displays (for pictures, see the "P" section)

(m) Quackery and Health Fads (see also "C39(k)" and "D63(a)")

I. United States

II. Foreign

KRF CLASSIFICATION SCHEME

C. TOPICAL--1600 ONWARDS - cont.

46. SOCIAL RELATIONS - cont.

(n) Sociology of Professions (see also "C46(d)", "C46(k)" and "C46(l)")

I. United States

- (i) Practice of Pharmacy
- (ii) Other Pharmaceutical
- (iii) Medicine
- (iv) Other Health

II. Foreign

(o) Sociology of Science

(p) Trademarks, Tradenames, and Product Substitution (for laws, see "C46(g)II")

I. United States

II. Foreign

(q) Public Assistance and Charitable Services

I. United States

II. Foreign

47. WHOLESALE DRUG FIELD

(a) United States

(b) Foreign

48. PHILOSOPHY AND METHODOLOGY (Sciences, Professions)

KRF CLASSIFICATION SCHEME

D. RELATED MATERIALS NOT IN SECTIONS "A", "B" OR "C"

NOTE: This small division accommodates material too specialized for section "A" or too tangential to pharmacy for section "C".

60. BIOLOGIC SCIENCES

- (a) General Biology
- (b) Zoolog
- (c) Botany
- (d) Anatomy
- (e) Genetics
- (f) Microbiology
- (g) Biochemistry (including specialized topical folders not a part of the formal classification scheme)
- (h) Physiology (including specialized topical folders not a part of the formal classification scheme)

61. BUSINESS AND ECONOMICS

62. EARTH SCIENCES

63. HEALTH FIELDS

- (a) Cults and "Schools" (see also "C46(m)")

- I. Botanico
- II. Chiropractors
- III. Homeopathy
- IV. Naturopaths
- V. Eclectics (United States)

KRF CLASSIFICATION SCHEME

D. RELATED MATERIALS NOT IN SECTIONS "A", "B" OR "C"

63. HEALTH FIELDS - cont.

- (b) Dentistry
- (c) Medicine
- (d) Nursing
- (e) Public Health, Sanitation, Ecology (see also "C46(h)")
- (f) Veterinary Medicine
- (g) Marine Medicine and Pharmacy (Shipboard)
- (h) Dietetics and Nutrition
- (i) First Aid

64. HISTORY (insofar as not in sections "A", "B" or "C")

- (a) Charts and Geographic

65. HUMANITIES (other than "D64")

66. PHYSICAL SCIENCES

- (a) Alchemy and Chemistry
- (b) Apparatus
- (c) Chemical Elements
- (d) Industry, Applied
- (e) Processes
- (f) Societies

KRF CLASSIFICATION SCHEME**D. RELATED MATERIALS NOT IN SECTIONS “A”, “B” OR “C”****67. SOCIAL STUDIES AND CONDITIONS****(a) United States****I. By states, A-Z****(b) Foreign****I. By countries, A-Z****68. TECHNOLOGY**