The Bliss Classification Bulletin

Vol. V, No. 1, December 1971

FOREWORD

The main interest of the reader of this Bulletin is likely to be the progress of the revision of the BC - the state of the classes, facilities for checking the draft schedules by users, arrangements for publication, etc. - and inevitably these constitute much of what follows.

Because the whole scheme is in the process of radical revision and because the final shape and context of many classes must unit on that of others (due to the overlapping of relationships and the sharing of common concepts) the last two issues of the Bulletin have not carried new schedules. Instead, members of the BCA have been requested to state those schedules the drafts of which they would like to see and perhaps comment on. However, the case of the Common Subdivisions is exceptional in that these are of interest to every user of the scheme, general or special. Therefore we include in this issue a draft revision of Schedule 1 and part of Schedule 2. The revision of Schedule 1 draws heavily on the CSD developed by the BIB and tested thoroughly over a decade and more and we should like to express here our debt to BIB for making this possible.

That part of Schedule 2 given here is completely new to BC. Unlike the CSD of Place in DC, UDC and Colon the CSD of Place in BC have been restricted mainly to politically defined areas. But literary warrant calls for the provision of a wide range of further concepts of place and this is what the new Schedule will provide.

We include also brief notes on the most notable features of full drafts so far circulated, so that those libraries which have not requested them may at least know what is happening in these areas.

We apologise for the delay in issuing this number of the Bulletin, which has been due to extreme pressure of work at the Polytechnic of North London (the old North-Western Polytechnic now having joined with the Northern Polytechnic to form one of the largest polytechnics in the country).

A slight compensation for the delay is that it allows us to give firm dates regarding the publication of the new BC. It will be published by Butterworth's some time in 1973 - probably by the Autumn. This is somewhat later than originally envisaged when the special revision programme was launched, but we hope BCA members will be indulgent on
this point. It has been (and continues to be) a massive undertaking and we hope the final work will justify the time taken (which, by the standards of the other major schemes, will still have been remarkably short). The new edition will be in 3 volumes, of which 2 volumes will be schedules (containing approximately 750 pages each) and the third volume, (of approximately 350 pages) will contain the A/Z index, Common Subdivisions (Schedules 1/4) and introductory matter (containing a selection of Bliss's original prefaces plus detailed guidance on how to use the scheme and on problems of reclassification (together, possibly, with instructions on how to reclassify - although it might be more convenient to publish these in a special issue of the Bulletin). A questionnaire sent to all members of DCA disclosed a very strong preference for a crown quarto size (approx. 9\(\frac{1}{2}\)" x 7\(\frac{3}{4}\)"") and this is what it will be.

The Adbridged Bliss Classification (School Library Association)

We have received the Information Circular No. 2 of the ABC which announces, inter alia, that in the years since it was published it has been reprinted twice. The Circular also carries a note on BC in the French-speaking world and cites a paper by Monsieur A. Canonne (whose adoption of BC in the Bibliothèque Centrale de Hainaut, Belgium, we noted last year) of which readers of the Bulletin may be interested to hear:


Mr Clifford Freeman (Institute of Education Library, The University of Hull), the Editor of ABC, has asked me to insert the following note:

"Since the death of Mr H.P Young, the working party which produced ABC has lacked a member competent to deal with scientific subjects. It would be very helpful if someone would volunteer to act in this capacity. The question of a revised edition is not at present under consideration, but the editor needs someone to whom he can refer queries that come in from users of the scheme."

Classification in the 1970's is the title of an interesting symposium due in January and edited by the Hon. Treasurer of the DCA, which contains fairly full discussion (by the present writer) of the principles and practice of the revision of BC. Details for those interested are:

December 1970 Bulletin

We apologize for an error in the last issue of the Bulletin which numbered it as Vol. IV, No. 3 instead of Vol. IV No. 4.

J. Mills
Hon. Editor

School of Librarianship
The Polytechnic of North London.
207-225 Essex Road
London N1 3PH
Minutes of the Annual General Meeting
hold on Friday November 19th 1971
at Library Association

Present: Mr J Hills (Chairman/Editor)
Mr A Haltby (Treasurer)
and 17 other members

In the absence of the Secretary, the Treasurer recorded
the minutes of the meeting.

1. The minutes of the last Annual General Meeting were approved
and signed. It was suggested by Dr. Campbell and agreed
by the meeting that minutes of the previous Annual General
Meeting should, in future, be distributed at the annual
meeting to save reference to them in the pages of the BC
Bulletin.

2. Matters arising

All matters arising were dealt with under the following
items in the agenda.

3. Chairman's Report

The Chairman circulated a document showing the current
state of BC revision and one giving details of the 'Wessex'
project on information retrieval in the medical sciences.

A report was made on the revision progress of individual
BC classes. Some are well advanced; others - especially
those where helpful schedules can be obtained from other
sources - are as yet relatively undisturbed.

The situation with regard to Butterworth as publisher
was discussed and it is probable that this company will
agree to publish. Cost would be £45 (3 volumes at £15
each). 600 or so copies would be published at first to
gauge the market for a revised edition. Bliss users have
voted strongly for a crown quarto format of 10" by 7\(\frac{1}{2}\)".
Mr. Geoghegan asked if the volumes could be bought
separately; this would seem unlikely as the introduction,
index and common schedules would be in one volume. The
loose-leaf idea was discussed but seems impractical.

The use of BC class-marks on MARC tapes has been con-
dered, but the RMB editor has given an adverse report
in terms of cost to the Bibliography and delays in its production. There was some discussion on the difficulties of converting DC numbers to BC and the conversion via PRONIS INDEXING. Mr J Diggin pointed out the problems currently met with by BNB in converting to Dewey and Library of Congress.

Miss Dean expressed fears about the speed of revision and about notational conflicts between symbols such as 1 and l. With regard to the latter point, several members agreed that a "house style" recommended by the B.C.A. would be an asset. The question of progress in revision led to considerable discussion about how much of the new scheme can be adopted. Mr Best, Mr. Geoghegan and Mr. Freeman argued that the adoption of the drastically revised version in toto would be impossible in many established libraries and partial re-classification and ways of painlessly injecting a new scheme into a library system were considered. The sending of drafts of particular classes to appropriate subscribing libraries in advance of publication of the new edition is contemplated. Dr Campbell suggested that the secretary could circulate members asking which classes they needed most urgently. This was agreed.

4. **Treasurer’s Report**

The Treasurer presented the financial statement. This showed a healthy working balance, although account must be taken of the fact that payments from this are being made to assist the cost of revision of BC at the Polytechnic of North London.

5. **Election of Committee for 1971/72**

The final item of business concerned the election of the Committee. Mr Horne had resigned on taking up a post in Toronto and sent his good wishes to those present. Mr Hills expressed the Association’s thanks for Mr Horne’s work as secretary. Mr G C H Geoghegan (Reading University) was nominated to fill the resulting vacancy on the Committee, but had left the meeting at the time of the nomination. Mr R A Bange (Brighton Library School) volunteered to serve if Mr Geoghegan was unable to do so. The other members of the Committee were re-elected. Dr Campbell was then elected Secretary by the Committee in place of Mr Horne.
NOTE FROM THE TREASURER

Financial statement for year ended 31 July 1971

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October 1971

A. Maltby
Honorary Treasurer
Revision of the DC: progress and problems

1 State of the revision, December 1971

The following is a copy of a paper circulated at the AGM. All members of BDA should have received also a questionnaire giving the same list of relatively discrete subject areas and asking them to indicate for which areas they would like to receive full draft revisions. Any members who have not yet returned their questionnaire are requested to do so as soon as possible.

Note:

* = Not yet begun
(1) = Draft 1 Preliminary draft: general structure determined
(2) = Draft 2 Second draft: vocabulary developed in full
(3) = Draft 3 Advanced draft: awaiting final editing for notating, duplicating and distributing
(4) = Draft 4 Finished except for minor editing
(1) & (2) = Some parts of the class are in a more advanced state than others

Schedules
1/4
Classes
1/9

General activity and organization
Organization: Systems theory, Cybernetics (2)
Communication (1)
Information bearing records (3)
Library and information science (3)

A/AK Philosophy *
AL/AK Logic and mathematics (1)
AY Statistics (3)

Physics
BA/BD Mathematical physics; Mechanics (2)
BE/DF Particle physics; nuclear, atomic, molecular (2)
BG Properties and states of matter (2)
BI/BL Heat, Light, Electromagnetism (1)
BI/BO Electric, Electronic and communication engineering (2)
BP Acoustics (1)
BC/BT Fluid mechanics and associated technology (2)

C/CF Chemistry, general and physical (1)
CG Analytical chemistry (2)

Mineralogy
CI/CR Inorganic and organic chemistry (1)

Chemical technologies (1) & (2)
D/DF Astronomy (1)
DG/DF Geology (2) & (3)
D/E/DT Geography and Meteorology (2)
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<td>E</td>
<td>Biology (2) &amp; (3)</td>
</tr>
<tr>
<td>F</td>
<td>Botany (1)</td>
</tr>
<tr>
<td>G</td>
<td>Zoology (2)</td>
</tr>
<tr>
<td>HA/HC</td>
<td>Physical anthropology (1)</td>
</tr>
<tr>
<td>HD/HZ</td>
<td>Health sciences (2) &amp; (3)</td>
</tr>
<tr>
<td>(HK Sports and games moved to V)</td>
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</tr>
<tr>
<td>I</td>
<td>Psychology and Psychiatry (1) &amp; (2)</td>
</tr>
<tr>
<td>J</td>
<td>Education (2) &amp; (3)</td>
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<td>K/KI</td>
<td>Sociology &amp; Ethnology (1)</td>
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<tr>
<td>KL/KI</td>
<td>Folklore (1)</td>
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<tr>
<td>KO/KS</td>
<td>Ethnography (1) &amp; (3)</td>
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<td>KE/KY</td>
<td>Human geography (1) &amp; (3)</td>
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<td>LD/LP</td>
<td>History: ancillary studies (Archaeology, Numismatics, etc.) (1)' &amp; (2)</td>
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<td>LL/LW</td>
<td>History: Ancient (1) &amp; (2)</td>
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<td>M</td>
<td>&quot; : Modern - Europe, America (1) &amp; (2)</td>
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<td>O</td>
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<td>Q/QM</td>
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<td>CX/CM</td>
<td>Social-political movements (1)</td>
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<td>T</td>
<td>Economics &amp; Business (1) &amp; (2) &amp; (3)</td>
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<tr>
<td>UA/UC</td>
<td>Agriculture &amp; Animal industries (2)</td>
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<tr>
<td>UD</td>
<td>Mining engineering (1)</td>
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<td>Construction industries (Civil engineering, Building) (2) &amp; (3)</td>
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<td>UJ/UL</td>
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<td>UV/UR</td>
<td>Mechanical engineering (2)</td>
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<td>VA/VD</td>
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<td>XX/XY</td>
<td>Performing arts (2) &amp; (3)</td>
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<tr>
<td>Z</td>
<td>Bibliography, Documentation, Libraries (3)</td>
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</tbody>
</table>

2. **Period classification of older material**

A request was received from Jeremy Westen, Librarian of the Royal Institution, regarding DC policy for collections in which the basic arrangement consists of parallel sequences covering different periods of production of the literature. It is well known that it is often very difficult, if not impossible, to classify satisfactorily the literature of an earlier period by a classification reflecting the structure of the subject as conceived during a later period. A notable article on the subject was written by John J. Lund and Mortimer Taube ("A non-expensive classification system;
introduction to period classification". Lib. Quarterly Vol. 7, No. 3, July 1937, p. 373-394). Bliss provided in his Antiquarian Numerical Classes only the bare and empty class 9 (Antiquated books) to meet the problem. Below is a suggested procedure for libraries wishing to distribute the older material under the main class concerned. Those libraries wishing to keep together all the earlier material, irrespective of subject, may still do so, of course; but because of the proposed change of use of the anterior numeral classes (see Bulletin, December 1970) Class 9 is no longer available and a private notational symbol would be needed to indicate the special collection.

1. The sequence desired is as follows

The works on a subject (e.g. Chemistry) written prior to the present century file before those of the present century. Works written during this century about the subject in the earlier period file with current materials.

2. The only difficulty notationally is that, assuming some books are marked with the plain class number for current general works on the subject (e.g. 'C' for Chemistry) a symbol is needed which files in front of it. The following solution (taking Chemistry as an example) makes maximum use of available resources in Bliss - i.e., Schedule 3 for Periods, and a hyphen as a general linking device.

C - [Works on Chemistry written before 1900]
  * see also C7 for works about a given period, but written in the 20th century.

  C - A  Works written in Ancient period
  - B    Medieval period
  - D    Renaissance period
  - J    17th - 18th centuries
  - N    19th century
  - NB   Physical chemistry
  - NB   Electrochemistry

  C    Contemporary (20th century) work on Chemistry in general
  C1   Encyclopedia

  C7B  History of chemistry - Medieval
  * see also C-B for medieval works on Chemistry

  CB   Physical chemistry

4. The filing value of the hyphen (which is already in use) is lower than letters or numbers and so files as above.
5. The Period divisions of Table 3 are generous enough to allow flexibility in assigning periods according to the needs of the subject. For example, C - C could be used for Alchemy (in chemistry) as a special historical system.

6. The number of distinct periods to be recognized is really a matter for the librarian to choose, having regard for the nature of his collection.

7. The only clash possible is the theoretical one where the hyphen has been used as a general phase relation (e.g. Chemistry - relation to Meteorology C-D9). However, this will be replaced in the new edition by a definite number for phase relations (6 or 7).

8. If the hyphen is thought to be insufficiently emphatic, an asterisk might be preferred.

3 Alphabetic marks

A common arrangement within relatively specific classes is an alphabetical one - especially when individual persons, organisations or other things with proper names constitute the subclasses.

It would be a considerable advantage if BC contained a standard table of alphabetic marks, to be used whenever the occasion arose (e.g. SAY Individual (legal) theorists, A/2; SEN H English local by-laws, by county A/2). Usually A/2 device represents the last-cited principle and so terminates a class-number; but this is not always the case and there is an urgent need for a precise and unique symbol to represent any unique name. In the new Music schedules, composer is a major facet and is cited before other facets; there, we have referred users to the special table of alphabetic numbers devised for composers by the British Catalogue of Music (e.g. W9 SF Schubert). We should be grateful if any users of BC having experience of the use of alphabetic marks (e.g. Cutter-Sanborn marks) and thereby having a definite opinion as to the utility or convenience of a particular table providing them would let us know.

4 Schedule 2 and Classes U/O (note by Valerie Long)

* This note refers almost exclusively to concepts of 'political' place; the addition to Schedule 2 of other concepts of place (Place by latitude, by altitude, by economic characteristics, etc.) has already been mentioned and is demonstrated in the new schedules on p. 24 of this Bulletin.

When work was started on Geography, which, as BC users will know only too well, is scattered among a number of classes, it very soon became apparent that one of the first parts
which should be brought into order was Schedule 2. The idea was that if this was in good order, then this one sequence could be used whenever schedules were needed to be divided by country. At the moment, although Schedule 2 is a common table, classes M/O (amongst others) have their own geographical divisions, and the orders in which countries are arranged differ between 2 and M/O: e.g., in Sch. 2 one has: e, British Isles; f, France; g, Spain, and sp, Portugal; while in class M it is MQN, Kingdoms and Provinces of Spain; MQW, Provinces (of Portugal); MT, Counties, etc. of France; and MN, British Isles. One can appreciate that there are reasons for different orders for geographical and historical sequences. What did surprise me however was to find that in some cases the parts of countries (regions, provinces, counties, etc.) were given in opposite orders. In Schedule 2, Ireland is set out with the Irish Republican states first, followed by the Northern Irish provinces, while NIT, Northern Ireland comes before MIT, Republic of Ireland. In other cases Bliss had changed his mind about what was included in, or excluded from, a region, for instance, in Schedule 2 'Wessex' is equated with 'Southern England as a whole', while NMK, although still given as 'Southern England' it is listed after London, the Home Counties, and the South East generally, all these having followed the general heading in Schedule 2. This has made it impossible to integrate the two sequences without changing the order of one of them. In the event, the new Schedule 2 as it currently stands, includes virtually all places given in the relevant parts of M/O, but the M/O order has had to be abandoned. In future it is intended that each country, although remaining where it is in the M/O sequence, will be divided internally by Schedule 2.

Unfortunately, I am unable to guarantee that every term in the original Schedule 2 has retained its old notation, for a number of reasons. Firstly, Bliss's habit of placing the names of provinces or towns in the L/Z index but not in the schedules, was probably justified on the grounds of saving space, and the fact that the classifier would be searching for a specific name. When, as a reviser, one is interested only in seeing how many towns, provinces, etc. are given, the system is very inconvenient. It is impossible to guess, or even to discover, how many places Bliss might have notated, and hidden in the L/Z index. I have traced provinces and states which fill in obvious gaps in the schedules, for instance in the schedules for U.S. one has under Northeastern U.S.: bai, Maine, while in the index there are, ben, New Hampshire, and bav, Vermont. This is straightforward enough, but there is no telling what towns might have been selected for notation.

Secondly, there is the problem of order within countries. Wherever possible I have sought to maintain Schedule 2 as no classifier welcomes the thought of altering endless
books, for little obvious gain. However, Bliss very definitely had his own ideas about how things should be listed. His favourite method was to move around a country in increasingly large circles. Although possibly idiosyncratic, this was a method that had its advantages. It is unfortunate that it was pursued with least success in Great Britain. The resulting order was one of: Southern as a whole, Southeast, East, Southcentral, South coast, Southwest, Wales (thus hardly distinguishable from England), West, Midlands, North, etc. If this is traced on a map, it begins to look very unhelpful, and while the reasoning can be seen, it would appear to have been constructed without the aid of an atlas. As I said, it is unfortunate that this should have occurred in Great Britain, i.e. in a heavily used section. Since I was unable to produce a rational order with a minimum amount of tinkering, I have suggested fairly radical changes.

Whatever the revision it is hoped that advantage will be taken of the occasion to incorporate provision for the new counties, as they will appear when the Boundary Commission's work has come into force.

Generally, I have given at least as much depth in coverage as is found in DC, with the exception of that provided for U.S.A. This was a case of an American scheme providing for the maximum possible American need. BC 2 is after all a British scheme, and it seemed unnecessary to provide quite so much depth in that area. On the other hand the coverage for Britain and parts of Europe is slightly better than that found in DC 17. For Western Europe we have tried to be fairly uniform, going down to County or District level in most cases. I have inserted towns mentioned by BC into their county or district. At this point (i.e., level of towns) order becomes alphabetical. Unfortunately, due to lack of space, towns may well have to be omitted from the finished schedule. In Asia and Africa, coverage is less detailed, although local expansion should be possible at any time.

The method used has been to place countries and their subdivisions as far as possible in map order. That is to say that places are set down in order so that those contiguous to one another follow on. Of course, a map cannot satisfactorily be reduced to linear order, so that the resulting schedule is simply a series of compromises, but it does have the advantage that counties, etc., are grouped within larger areas or regions, which themselves tend to be sought terms.

This advantage would be lost if we had the alternative system, used by BC. This consists simply of providing for areas of different size/importance, e.g. Countries or provinces, Cities or towns, to be grouped together and notated A.Z. Or, two or three parallel sequences (e.g., Geographical features, A-Z; States, Provinces, Counties, A-Z; Cities, towns, villages, A-Z).
are provided. This is simple to understand, use, and is infinitely hospitable. It also saves a considerable amount of schedule space. Topographical features may be dealt with in the same way. However, it means that for example, the counties of Cumberland and Westmorland would be widely separated from one another, and from 'The Lake District' if indeed such areas were allowed for at all. 'Kendal' too would be far removed from Westmorland. My geographer advisers feel strongly that from their point of view it is useful to have works classified within regions and their constituent parts. It would be helpful to have other BC users' views. It should of course be possible to provide alternative methods. The restricting factor on the amount of enumeration possible, is of course, space.

5 Class E/G Biology

A comprehensive draft schedule for Biology (exclusive of Taxonomic Botany and Zoology) has been developed by Srta. Jedima de Assuncao of the Institute of Biological Studies, Belo Horizonte, Brazil, whilst working at the Polytechnic of North London on her M.Sc., under the supervision of the Hon. Editor. This schedule, which will be adapted to form the new Class E in BC, is nearing completion. But the problem of the great enumerated taxonomies in systematic Botany and Zoology has not yet been tackled. We would welcome the opinion of users of these classes in BC as to the degree of revision and expansion they would like to see. The history of bibliographic classification in DC and UDC has shown the dangers of assuming too readily that a given taxonomy has served its time, with a consequent premature revision of a basically sound system. We would not like to repeat this error.

6 Class H. Physical anthropology and the health sciences
(Note by Ruth Daniel)

* Ruth Daniel is a researcher at the Polytechnic of North London who has produced and installed a new classification of Audiology for the Royal National Institute for the Deaf, and has worked on problems of retrieval languages in information science including the production (for an OSTI-funded experiment) of an Intermediate Lexicon for use as a switching language between different information centres in our subject; and is now engaged on producing a comprehensive classification and thesaurus in the Health Sciences for the Wessex Regional Hospital Board (under a grant from HMA). The Wessex system will draw on the comprehensive revision of Class H in BC which Ruth Daniel began last year.

CLASS H: draft of proposed revised version

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<th>Summary</th>
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<td>ANTHROPOLOGY</td>
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[Physical] Existing BC
Human body
Anatomy
Regions
Systems
Physiology
Regions
Systems

HEALTH SCIENCES
(Organisation)
National Health Service
Hospitals
Patients
Nursing
MEDICINE
Anatomy
Physiology
Always subordinate to Organs & to Persons or other specialisations
Health & Safety
Preventive medicine
Specialisations
(organ-based)
Regions
Systems
(person-based)
Gynaecology
(environmental)
Industrial
Pathology
Pervasive (e.g. Bacterial; do not subordinate to Organ)
Localised (subordinate to Organ or Location)
Treatment
Pervasive (do not subordinate to Organ)
Localised (subordinate to Organ)
(Specialisations)
Surgery
(Applications of medicine)
Forensic
(Associated fields)
Dentistry
HD
HD/G
HO
HM
HD/G; IV/X
EF/U
HP/R
HR
HN
HS
HZ
RY

* This is an inverted schedule and number building is usually retroactive; e.g. a compound 'Muscles of the limbs' will be cited as Muscles (part of locomotor system) - Limbs (a region) - the systems facet under Organ-based specialisations appearing later in the schedule than the Regions. But there are exceptions to this, as noted.

The foregoing outline has been compiled after a great deal of thought; for a general collection in the Medical Sciences, it
is regarded as the best possible shelf order; the associated scope notes suggest the ideal citation order. However it does generate several problems:

1. The citation order does not follow 'standard' order or PMEST - e.g. 
   Surgery: Organ (Operation: Operand)
   whereas Operation or Action is usually subordinate to Operand - the recipient of the action.

2. The citation order is not consistent (i.e. it varies throughout the scheme):
   e.g. Organ: Local disease (Thing: Process)
   Viral disease: Organ (Process: Thing)

3. Citation strings are arrived at by building retroactively at times, and forward at times
   e.g. Organ: Anatomy
   Organ: Local disease

Solutions to these, and other problems are not finalised. But it already seems likely that the scheme, when used pre-coordinately, will not be suited by an alphabetical chain index, and that either sophisticated notational devices, or tables, will be essential in order to maintain consistency in filing of compound subjects. If these problems are satisfactorily resolved, the Wessex scheme will be breaking new ground in the way it adopts faceting techniques, and may eventually result in far greater flexibility in future faceted schemes.

7 Class P Religion (note by Valerie Lons)

This proved to be no more straightforward than any other class!

In an attempt to bring it down to manageable proportions, I concentrated on producing a classification of Christianity before going on to deal with other religions. This had the advantages of providing a field where at least some of the concepts were familiar, and being the area where most detail was required. It was intended that other Religions would not be treated in quite the same depth, but that basic concepts (and, sometimes, terms) could be borrowed from Christianity.

It is recognised that this brings with it the danger that other Religions will be given a Christianised slant, but it is hoped that since this pitfall is known to exist, it can be avoided.

Christianity could have been organised in a number of different ways. For instance, it could all have been treated historically. In the event it was put into the following groupings: Sacred writings, within which came criticism; Dogmatic theology, including Doctrine of God, Eschatology, and Doctrines of Sacraments, and Last Things; Devotional theology; Worship; Asceticism and Mysticism; Moral theology; Pastoral care;
Social service; Devotional aids; Sacred times; Devotional objects; and Buildings. In addition there is a large section on Church History.

Of course, not all Religions have all these, but most of them can be generalised to suit many other Religions. Many have their own Sacred writings, and most have Worship in some form. Without worship, where is the idea of Religion? It may be that Dogmatic theology has Christianised overtones, but Mysticism and Asceticism are common to a number of Religions.

It is hoped that, providing such concepts are treated with care, we shall find that the basic analysis has in fact been done and that the way is open for building up classifications for the subdivision of non-Christian Religions.

8 Class 2 Social Welfare

The final draft of this has now been tested against a sample of the literature and is about to be circulated. The structure and the rationale of the comprehensive draft revision circulated a year ago was discussed (as an example of the general methods of revision being followed in the BC) in the December 1970 Bulletin. A large number of helpful suggestions was received regarding the preliminary draft, and the final draft incorporates these.

9 Class 3 Law

A full draft revision of this has been circulated and has received generally favourable comment so far. It represents a very large expansion in the provision for primary materials under any given Jurisdiction, as well as considerably more detail in the facets for secondary materials. The schedule for the former (at SED/SEZ and SERN/SEZ) are really initial thickings of the literature rather than an analysis of the concepts in the subject and have been taken bodily from Elizabeth Hoy's "A Classification for Law Books" (Butterworths, 1968). The schedule borrows heavily from the Hoy's scheme at numerous other points also and our great debt to Miss Hoy is gladly acknowledged here. We are also grateful to Miss Gillian Hall (who was Librarian of the Consumer Council) for casting a legal eye over the draft and assisting in the solving of a number of queries as to the scope and definition of classes.

The Summary Outline below gives a clear view, we hope, of the basic structure of the new schedule. Whilst it reflects an order which we think meets most of the demands of a modern faceted system in this class, it manages to retain a surprisingly extensive agreement with existing Class S, especially in the classes SE/SE which probably take the great bulk of the law material in most British libraries.
Citation order is substantially the same as in existing BC.

The jurisdiction (system of law) is the primary facet and two arrays (subfacets) are distinguished within it - Religious systems and Political systems. The latter are arrays in two basic groups by period (Ancient, Modern) then by geographical-cum-political area.

Each jurisdiction is divided first into Primary material (works of law) and Secondary material (works about law).

The secondary materials are divided first by subject (e.g. Crime, Property, Family) then by Property/Process (e.g. Practice and procedure, Jurisprudence).

**SUMMARY OUTLINE**

<table>
<thead>
<tr>
<th>S</th>
<th>Law</th>
<th>Present</th>
<th>DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA</td>
<td>Jurisprudence</td>
<td>SA</td>
<td></td>
</tr>
<tr>
<td>SBC</td>
<td>Practice and procedure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBD</td>
<td>Administration of justice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBF</td>
<td>Subjects of law</td>
<td>SA</td>
<td>SA</td>
</tr>
<tr>
<td>SBJ/N</td>
<td>(Private)</td>
<td>SA</td>
<td>SA</td>
</tr>
<tr>
<td></td>
<td>(Public)</td>
<td>SA</td>
<td>SA</td>
</tr>
<tr>
<td>SDC</td>
<td>Criminal</td>
<td>SA</td>
<td></td>
</tr>
<tr>
<td>SC</td>
<td>Constitutional and Administrative</td>
<td>SC/SD</td>
<td></td>
</tr>
<tr>
<td>SD/SZ</td>
<td>Jurisdictions</td>
<td>SE/SZ</td>
<td></td>
</tr>
<tr>
<td>SDB</td>
<td>By Period (general only)</td>
<td>S3</td>
<td></td>
</tr>
<tr>
<td>SDC/SY</td>
<td>By Political authority</td>
<td>SE/SY</td>
<td></td>
</tr>
<tr>
<td>SDD</td>
<td>International</td>
<td>SB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Public)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Private) = Conflict of laws</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDF</td>
<td>National = Municipal law</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>By broad period</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDG</td>
<td>Ancient</td>
<td>S3</td>
<td></td>
</tr>
<tr>
<td>SDF</td>
<td>Medieval</td>
<td>S3</td>
<td></td>
</tr>
<tr>
<td>SDZ</td>
<td>Modern</td>
<td>S3</td>
<td></td>
</tr>
<tr>
<td>SE</td>
<td>Common law systems</td>
<td>SE</td>
<td></td>
</tr>
<tr>
<td>SEE</td>
<td>England and Wales</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBF/SEZ</td>
<td>Primary materials (works</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>of law)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SF/SQ</td>
<td>Secondary materials (works</td>
<td>SEJ/SQ</td>
<td></td>
</tr>
<tr>
<td></td>
<td>about law)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFA</td>
<td>Jurisprudence (as SA)</td>
<td>SFA</td>
<td></td>
</tr>
<tr>
<td>SFB/SEZ</td>
<td>Practice and procedure</td>
<td>SP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(as SBC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SG</td>
<td>Administration of justice (as SBD)</td>
<td>SG</td>
<td></td>
</tr>
<tr>
<td>SH/SP</td>
<td>Subjects of law (as SE/SD)</td>
<td>SH/SO</td>
<td></td>
</tr>
<tr>
<td>SQ</td>
<td>Conflict of laws (as SE/SD)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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[Conflict of laws] Present
SR/SS Other common law (or mainly Common law systems) SF/SG
SSY Civil law and other systems S2/SY
SY Particular States SZ
SZ By Religious authority S3

* This schedule is "inverted" and compound classes are built by citing the lower element first - e.g., French Law - contract; Criminal law - Practice and procedure. Every Jurisdiction may be divided like England and Wales, with a few modifications. This facility replaces Systematic Schedule 19.

Class V/W Music

A full draft revision of this has been circulated. It has been based closely on the classification used in the British Catalogue of Music and we acknowledge gratefully our considerable debt to Mr E.J. Coates, Editor of the British Technology Index, who compiled that classification whilst he was at the British National Bibliography.

The greater part of the schedule concerns music in the European tradition and the material in this field is divided into two separate but completely parallel classes - works about music and scores of music. There is an interesting analogy here with the distinction between Primary and Secondary materials in Law.

Citation order:

For Music Literature (i.e. Works about music) V/W:

1. Composer
2. Instrument (including voices)
3. Musical form (giving e.g. Sonata, Fugue)
4. Musical element (e.g. Tonality)
5. Musical character (e.g. Military music, Dance music)
6. Musical technique (e.g. Performing)
7. Musical theory.

For scores (i.e. Works of music):

1. Instrument for which written
2/6 as 3/7 of Music Literature (and in the same order).

In practice, Music technique and Music theory have virtually no place in scores except for the very occasional score designed to exemplify a concept from these two facets.

A departure from the DCM scheme is the provision for non-European music in general and Afro-American music in particular.
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Provision for the latter follows the analysis of the subject given by Derek Langridge in his Your Jazz collection (London, Bingley, 1969).

### Summary outline of Class VV/VX Music

<table>
<thead>
<tr>
<th>VV/VW</th>
<th>MUSIC LITERATURE: Works about music</th>
</tr>
</thead>
<tbody>
<tr>
<td>VV</td>
<td>Music (general)</td>
</tr>
<tr>
<td>VW8</td>
<td>History (Time facet)</td>
</tr>
<tr>
<td>VW9</td>
<td>Biography (A-Z by composer)</td>
</tr>
<tr>
<td></td>
<td>* This is the primary facet in Works about music and compounding is done by adding divisions from below, not above - e.g. Schubert's orchestral work in VW9 SF, H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VWA/Z</th>
<th>Locality</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMA</td>
<td>Theory of music</td>
</tr>
<tr>
<td>VMB</td>
<td>Composing &amp; producing = Techniques of music</td>
</tr>
<tr>
<td>VMC</td>
<td>Musical character</td>
</tr>
<tr>
<td>VMD</td>
<td>Elements of music</td>
</tr>
<tr>
<td>VME</td>
<td>Forms of music</td>
</tr>
<tr>
<td>VWF</td>
<td>Music for particular media</td>
</tr>
<tr>
<td>VWF</td>
<td>Vocal</td>
</tr>
<tr>
<td>VWM</td>
<td>Instrumental</td>
</tr>
<tr>
<td>VWN</td>
<td>Orchestral</td>
</tr>
<tr>
<td>VWO</td>
<td>Keyboard instruments</td>
</tr>
<tr>
<td>VWP</td>
<td>Piano</td>
</tr>
<tr>
<td>VWR</td>
<td>String instruments</td>
</tr>
<tr>
<td>VWS</td>
<td>Violin</td>
</tr>
<tr>
<td>VSW</td>
<td>Wind instruments</td>
</tr>
<tr>
<td>VWW</td>
<td>Brass instruments</td>
</tr>
<tr>
<td>VWX</td>
<td>Percussion instruments</td>
</tr>
<tr>
<td>VWY</td>
<td>Afro-American music</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VX</th>
<th>MUSIC: SCORES &amp; PARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VX</td>
<td>Music for particular media</td>
</tr>
<tr>
<td></td>
<td>* Divide like VWF/VWX - e.g.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VXW1</th>
<th>Orchestral</th>
</tr>
</thead>
<tbody>
<tr>
<td>VXW0</td>
<td>Organ</td>
</tr>
<tr>
<td>VXW2</td>
<td>Piano</td>
</tr>
<tr>
<td>VXW3</td>
<td>Violin</td>
</tr>
<tr>
<td>VXW4</td>
<td>Flute</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Present BC</th>
</tr>
</thead>
<tbody>
<tr>
<td>VV/VW</td>
</tr>
<tr>
<td>VW</td>
</tr>
<tr>
<td>VW8</td>
</tr>
<tr>
<td>VW9</td>
</tr>
<tr>
<td>VWA/Z</td>
</tr>
<tr>
<td>VWD</td>
</tr>
<tr>
<td>VWG/WB</td>
</tr>
<tr>
<td>VWH/I</td>
</tr>
<tr>
<td>VWS</td>
</tr>
<tr>
<td>VWT</td>
</tr>
<tr>
<td>VVW</td>
</tr>
<tr>
<td>VVWM</td>
</tr>
<tr>
<td>VVWO</td>
</tr>
<tr>
<td>VVWP</td>
</tr>
<tr>
<td>VVWR</td>
</tr>
<tr>
<td>VVWS</td>
</tr>
<tr>
<td>VVWV</td>
</tr>
<tr>
<td>VVY</td>
</tr>
<tr>
<td>VXVX</td>
</tr>
</tbody>
</table>

---

**Draft of Schedule 1: Common subdivisions (Forms of presentation)**

* The purpose of these divisions is to break up a class defined by specific subject content when the number of items in that class becomes large enough to justify grouping by some other principle. The need for detailed specification of form varies considerably from subject to subject; the narrower the subject,
the less need there is to use form divisions at all, except
where material is shelved separately on account of the form
(e.g. in the case of serials or non-book materials). In many
cases, the first two digits of the class number will suffice.

* Where the form of presentation of information is itself the
  subject of a document (e.g. how to write abstracts, how to make
  a film-strip) the document should be placed under the subject.

* Where compounding is necessary, it is retroactive (the term
  appearing latest in the schedule being cited first) - e.g.
  Chemistry - Abstracts - Serial C152

<table>
<thead>
<tr>
<th>Existing BC</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 Encyclopedias, dictionaries, glossaries</td>
</tr>
<tr>
<td>12 Gazetteers (special to Geography, etc.)</td>
</tr>
<tr>
<td>13 Pronouncing dictionaries</td>
</tr>
<tr>
<td>14 Polylingual, 'Language' dictionaries</td>
</tr>
<tr>
<td>15 Books, etc. for a particular kind of reader ('Bias phase')</td>
</tr>
<tr>
<td>Divide like main classification - e.g. For engineers - 115UB</td>
</tr>
<tr>
<td>16 For children, Juvenile works</td>
</tr>
<tr>
<td>17 Programmed instructions</td>
</tr>
<tr>
<td>18 Unpublished material, Theses</td>
</tr>
</tbody>
</table>
| * A thesis published in some form is treated as an
  ordinary work | |
| 19 Language in which written | 6 |
| 20 Serials, periodicals, newspapers | 66 or 14 or |
| * Annual reports, etc. of an organization, |
| see organization | 15 |
| 13 Essays, Lectures, conference papers by several authors | 7 |
| * Including conference proceedings published as a |
| book, as a supplement to a periodical, etc. | |
| 14 Excerpts, readings, etc. from several authors | 7 or 78 or |
| = Chrestomathies = Anthologies | 58 or 77 etc. |
| 144 Quotations, concordances | |
| 5 Private communication, letters, notes | 75 |
| 6 Questions & answers | |
| * Includes exercises, workbooks |
| Questions, examination papers | |
| 8 Crossword puzzles | 2 or 8 |
| 15 Abstracts, digests, abridgments, epitomes | |
| 155 Tables, scheduled information, surveys | |
| * Includes 'practical information' on a subject | 1 or 15 or 5 |
| 156 Ready reckoners | |
| 157 Conversion tables | 1 or 15 or |
| 158 Technical data | 81 |
| * Includes data sheets, formularies, distance |
| tables, recipes & receipts |
| See also Specifications | |
| 16 Numerical data, statistics | 5 or 9 |
| * Works on statistical analysis, method, etc. in |
| a subject see 747 | |
166 Case studies, Demonstrative experiments
167 Personal narratives, reminiscences
   See also Persons in the subject
   * Alternatively, treat as form of biography & use 49
168 Anecdotes
169 Curiosities, eccentric works
171 Records, extremes
172 Humorous treatment
   3 Imaginative treatment
4 4 Stories, novels
5  Poems
6  Plays, etc.

181 Non-book materials
   2 Pictorial representation
      5 or 54 or
      57 or 7 or
      8
   3 Illustrations, pictures
   1 or 15 or
   10 or 57 or
   8
   4 Diagrams, charts, plans
   1 or 5
   5 Atlases
   6 Audio-visual materials

71  Films
73  35mm.
75  16mm.
76  8mm.

180 Recordings
   9 Records, discs
   9 Tapes

192 Tactile materials, Braille
193 Microfilms
195 Machine-readable

197 Original sources, documents
   * Includes monuments, antiquities
198 Public records, archives

Schedule 1: Common subdivisions (Subject)

* Whereas qualification by a GSD of Form does not restrict the connotation of the subject qualified, the following concepts do restrict it in some way and are therefore true subject subdivisions.

* In many classes some of the concepts below (e.g. Organization, Persons and Profession, Research methods and instruments) have a large literature and are developed as an integral part of the subject. In such cases the GSD are not used, the concept being developed as an integral part of the subject itself and given literal notation.
Bibliographies (alternative to 62)
Organization
Government organization and administration
Local administration
Law
Cases
Judgments, opinions
Regulations
International law
International agreements
Specifications
Standards
Patents

Persons in the subject (collectively)

Psychology
Profession
Ethics, conduct
Etiquette, custom, dress
Discipline
Professional remuneration
(Categories of person)

Professional
Specialists, consultants
Auxiliaries, technicians, assistants
Other functional grades

Other types of person
* Divide like sociology class, e.g. Women

Individuals in the subject, A/2

Organizations, corporate bodies (collectively)

Executive, administration
Office organization
Special organs, committees, etc.
Finance
Revenue
Staff
Supplies, equipment, plant, buildings

Functional activities
Public (festive, ceremonial, etc.)
Communicative (e.g. publishing house journals)

Types of organization
Official
Quasi-official
Business organizations, firms, practices

Individual organizations, corporate bodies A/2
* Includes their charters, regulations, membership lists, administrative reports and proceedings (in which subject is the organization itself)
[Individual organizations]

579  Temporary organizations
58  Conferences

61  Information, knowledge of the subject
616  Records (e.g. Medical records)
617  Data processing
8  Computer
9  Sources of information
62  Bibliographies, indexes, lists
   * Alternative to collecting in Class 2
631  Literature
2  Book reviews
641/655  Non-book material
   * Divide like 181/195 - e.g. Recordings [648]:

66  Libraries
   * Alternative to locating in Class 2

671  Public opinion

675  Terminology, nomenclature
6  Polylingual
7  Etymology
8  Eponyms
601  Abbreviations
2  Symbols
   * See also Identification marks
3  Metric system
4  Authorship on the subject
5  Translation
   * Divide by languages involved - e.g. English into Russian
7  Machine translation

71  Study, training, education in the subject
   * Alternative to placing in Class J

72  Study region, sample population

731  In-service training
2  Part-time academic
3  Full-time academic
4  Other

739  Research
741  Instruments
2  Methods, processes
3  Fieldwork
4  Observation
5  Marking (e.g. tagging, ringing)
6  Mathematics
7  Statistics
[Statistics]

749 Exhibitions
751 Permanent (e.g., Botanical gardens)
752 Museums
* Alternative to locating in
753 Objects, articles, artefacts in the subject
754 Identification marks
7548 Trademarks, service marks (including Artists' and
    craftsmans' marks)
7549 Ownership marks

756 Collecting
758 Models

(Phase relations)

76 Relations with other subjects
77 Comparison with another subject
78 Exposition through another subject.
    See also Study region, sample population
79 Influence by another subject

8 Time = History
* An expanded version of Schedule 4 (for Periods)
    is being prepared. Period, or other Time divisions,
    should always be introduced by '81 in order to
    avoid ambiguity and to maintain the correct filing
    sequence.

Place = Locality subdivisions
* The revision of Schedule 2 (Political -cur-Geographical place) is not yet complete. To
    minimise the alteration needed, this schedule
    of other features of place has been developed
    using a/z again. This schedule is introduced
    by '81 and will be distinguished from the Time
    divisions by its lower-case notation. Schedule 2
    will be introduced by '91 and this allows full
    compounding - e.g., see Min Towns of Scotland.

80d Place in general

af Unexplored, 'unknown'
    (Physiographic features)

sh In air
    (By cross environment)

aj In water = Aquatic
    * See also Water features

ak Submarine
    [On land - preferred category, usually assumed]

an East
    (By orientation)

ae South east

ap South

aq South west
[South west]

Scx West
asc North west
st North
sv North east
ax Centre, interior

bg Continents
bi Islands (By configuration in
bj Coasts land-water relation)
bk Peninsulars, capes
bn Mountains, hills (By altitude & levelness)
bn Caves
bp Plains

bs Oceans, Seas (Water features)
    * Seas, rivers, etc. confined to a given area
      provided in Scx are enumerated under that area -
      e.g. Thames estuary - ScxDb
bt Elements of ocean, etc.; Currents, streams
cb Pacific
cc Eastern Pacific
cd South Pacific
ce Western Pacific
cf North Pacific
cg Indian
ch Arabian Sea
chd Bay of Bengal
chf Malacca Strait
ci Red Sea
cj Black Sea
ck Mediterranean
cn Atlantic
cn South Atlantic
(cp North Atlantic
    (North Sea, English Channel see Europe...))

cs Freshwaters
cr Waterways
cv Lakes
cw Rivers
cx Rapids, waterfalls
cy Canals
    See also Transport areas

db Estuaries, deltas (Land/water features)
do Drainage areas, basins
[Drainage areas, basins]

dd  Low lying, swampy areas

dg  Drainage, desert  (Land - by vegetation)
dh  Fertile
di  *Cultivated

dj  Uncultivated

   See also Underdeveloped
dk  Forested, wooded areas
dn  Grassland

dp  Frigid zones  (By latitude)

   See Polar regions
dq  Torrid zone
dx  North
dc  Cool temperate
dt  South
dv  Subtropic & tropic, warm
dw  Subtropic
dx  Tropic, torrid zones
dy  Equatorial regions

e  Regions defined by bounding ocean, sea

   * Divide like Oceans, seas cb/cp - e.g. Atlantic region en

ec  Areas defined by other physiographic characteristics

   * Divide like Class D - e.g. Earthquake-prone areas

t  Transport features, areas  (Social-geom-geographic features)
etf  Roads
etc  Railways

ev  Economic source, origin (made in...)
eu  Economic destination (made for...)

f  Underdeveloped, underdeveloped
fg  Developed, advanced

fi  Overpopulated  (By population density)
fj  Underpopulated

fn  Urban, built-up cities
fo  Rural

c  Indigenous race  (By race)
c0/c0  Non-indigenous race

   * Divide like K0/K5

cw/y  Linguistic areas  (By language)

   * Divide like W/Y (e.g. English-speaking CW)

jh/jw  Religious areas  (By religion)

   * Divide like MI/MW
[Religious areas]

k Areas defined by characteristics other than above or below
   * Divide like whole classification

mb Administration areas (By politico-economic features)
   National
   Regional
   Local

nh Zones, etc., special to subject

nj Boundaries, borders, frontier areas
   Neighbouring areas

mm Military Zones
   Demilitarized
   Occupied

mq Dilettante
   Neutral

nb Groupings of independent states
   Alliances, blocs

ni By membership of international bodies
   United Nations members

no By membership of politically defined groupings
   US bloc
   Communist bloc
   Afro-Arab bloc
   Arab bloc

ob By membership of economically defined areas
   Currency areas
   Dollar area
   Sterling area
   Trading areas

p Individual groupings - e.g., Common Market 968p

q Empires
   * Divide like 9c/2 - e.g.,
     British Commonwealth 89e
     After mother country, specify further:
     8q Dominions (e.g., British colonies - 8qer)
     8r Colonies

r Non-self-governing territories