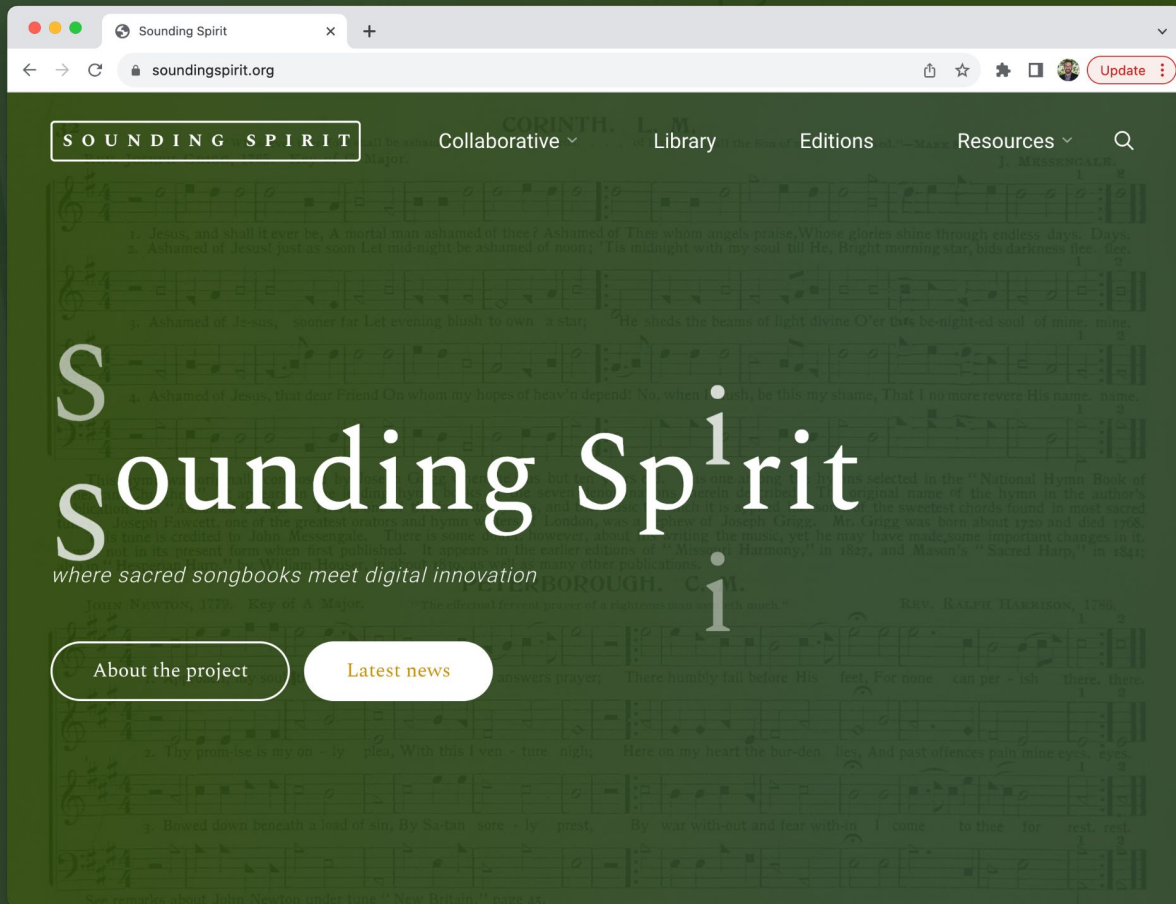# Supporting Research, Interoperability, and User Experience with the Metadata Application Profile for the Sounding Spirit Digital Library

Jesse P. Karlsberg, Emory University
SEMLA, October 13, 2023

Sounding Spirit Collaborative

Promotes research, teaching, and public engagement with vernacular sacred songbooks.

- Scholarly editions
- Digital library

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Sounding Spirit Digital Library

Expanding a pilot launched in 2020

1,300 songbooks from US South and its diasporas

Published 1850–1925

Forthcoming fall 2024

Sounding Spirit Digital Library

Includes gospel songbooks, spiritual collections, tunebooks, hymnals, Sunday school books

Archives at seven contributing institutions

NEH-funded

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Metadata in Sounding Spirit: Values and Considerations

Metadata and Research Data Working Group

- Diana Folsom (Director of Digital Collections, Gilcrease Museum)
- Erin Fulton, co-chair (Musicology PhD Candidate, University of Kentucky)
- Andrew Hankinson (Sr. Software Developer, RISM)
- Jesse P. Karlsberg, co-chair (Sr. Digital Scholarship Strategist, Emory Univ.)
- Cory Lampert (Head of Digital Collections, UNLV)
- Em Nordling (English PhD Candidate, Emory University)
- Sara Palmer (Digital Text Specialist, Emory University)

Metadata in Sounding Spirit: Values and Considerations

1. User-friendly **browsing** and faceted **search**

2. **Interoperability** through data-sharing partnerships

3. Useful for quantitative **research**

Metadata Application Profile

Metadata Application Profile

Data and data entry

- Data Type
- Requirement
- Repeatable
- Controlled
- Entry
- Skills Needed

	A	B	C	D	E	F	G
1	**Fields**	**Data Type**	**Requirement**	**Repeatable**	**Controlled**	**Entry**	**Skills Needed**
11	Contributor URI	URL	N	Y	LCNAF; VIAF; RISM Online	Manual	Basic
12	Place of Publication	string	N	Y	N	Manual	Basic
13							

Metadata Application Profile

About the field

- Description
- Source
- Values
- Notes

	A	H	I	J	
1	**Fields**	**Description**	**Source**	**Values**	**Notes**
30	Publisher URI	The name of the publisher or publishers that issued the work, excluding any firms that are distributors but not publishers. If no publisher is credited but a printer is, the name of this printer.	Page image of the title page of the volume. Library of Congress Name Authority File. Virtual International Authority File. RISM Online Authority File. https://id.loc.gov/authorities/names.html; https://viaf.org/; https://rism.online/?mode=institutions	URIs of LCNAFs when these exist. URIs of VIAFs if these exist but LCNAFs do not. New RISM Online Name authority URIs created in collaboration with RISM if neither LCNAFs or VIAFs exist.	For names tha[t] leave this field RISM. See the field for contex[t]
31	Language	The language or languages in which the work is written.	Representative page images of the volume. ISO 639-3: https://iso639-3.sil.org/code_tables/639/data	Full English name of the language as specified in ISO 639-3. If English and another language appear in the same work, list the non-English language first for ease of sorting. List of languages: Cherokee, Choctaw, Creek, Czech, Delaware, Dutch, English, German, Hebrew, Latin, Portuguese, Potawatomi, Spanish	
32	Language Code	The language or languages in which the work is written.	Representative page images of the volume. ISO 639-3: https://iso639-3.sil.org/code_tables/639/data	Three-letter code for the language as specified in ISO 639-3. If English and another language appear in the same work, list the non-English language first for ease of sorting. List of languages: chr, cho, mus, ces, del, nld, eng, ger, heb, lat, por, pot, spa	
33				For paginated works, a number indicating the overall number of pages in the work, with any sequences of separate pagination in their original Roman and Arabic format indicated by the insertion of a comma, followed by the word "pages"; for sequences of pages split into Latin and Arabic numbered sub-sequences, list each subsequence but include starting as well as ending numbers, separated by "–" (en dashes) for the sub-sequences after the first; for unnumbered sequences of pages with content in paginated	

Metadata Application Profile

Crosswalk
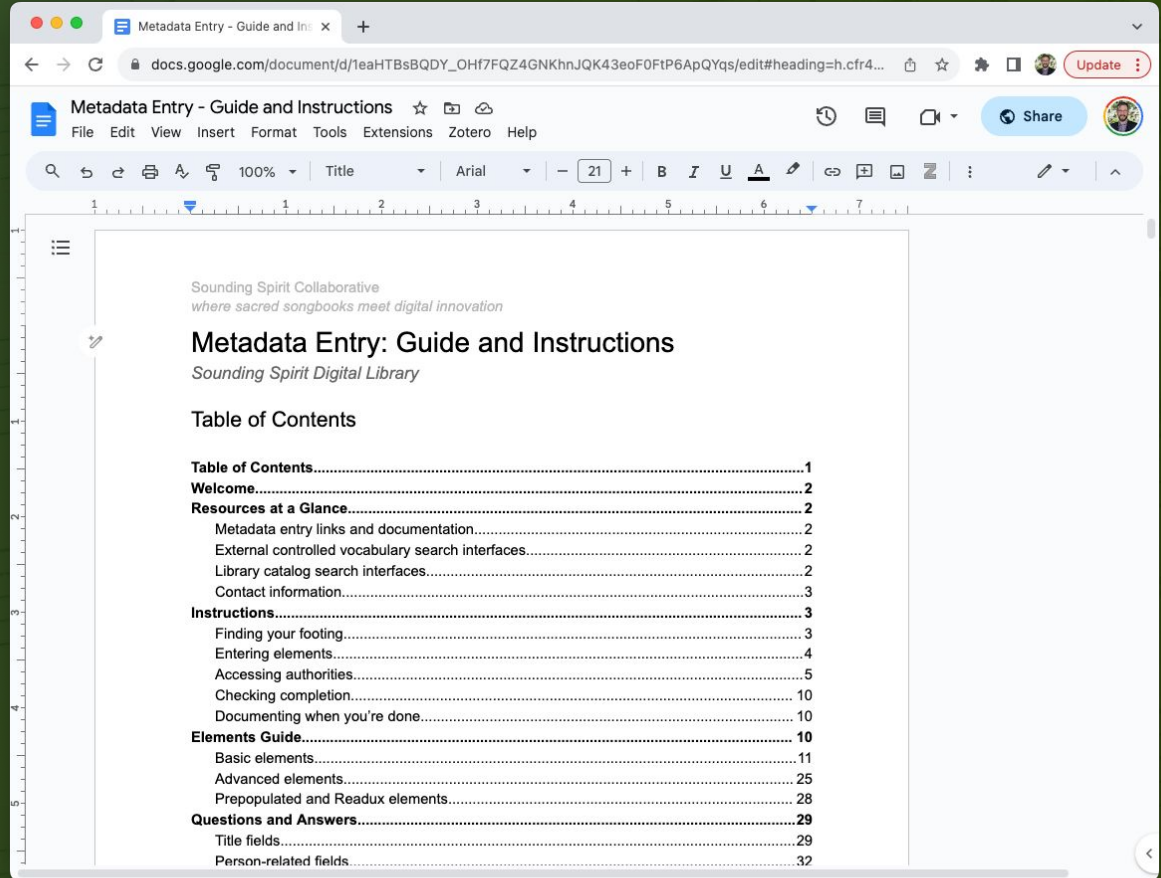
Equivalent fields and requirements for

- DCMI
- DLG/DPLA
- RISM
- ATLA
- Emory

	A	L	M	N	O	P	Q	R	S	T
1	Fields	DCMI	DLG Field	DLG Status	RISM Field	RISM Status	ATLA Field	ATLA Status	Emory Field	Emory Status
2	URL	Identifier (terms: identifier)	URL	required	External resource URL (856 $u)	optional	URL	required	Access URL	required if applicable
3	PID	n/a	n/a	n/a	Bibliographic reference Number/page (691 $n)	optional	n/a	n/a	Identifier - Local	required
4	Short Title	Alternative Title (terms: alternative)	n/a	n/a	Additional title (730)	optional	Alternative Title	optional	n/a	n/a
5	Title	Title (terms: title)	Title	required	Standardized title (240 $a)	required	Title	required	Title	required

Metadata Application Profile

Guide and Instructions

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Browse and Search

Formats for "human-readability"

Responsibility:
Aldine S. Kieffer

vs.

Creator Name:
Kieffer, Aldine S., 1840-1904

(Also: Place of Publication)
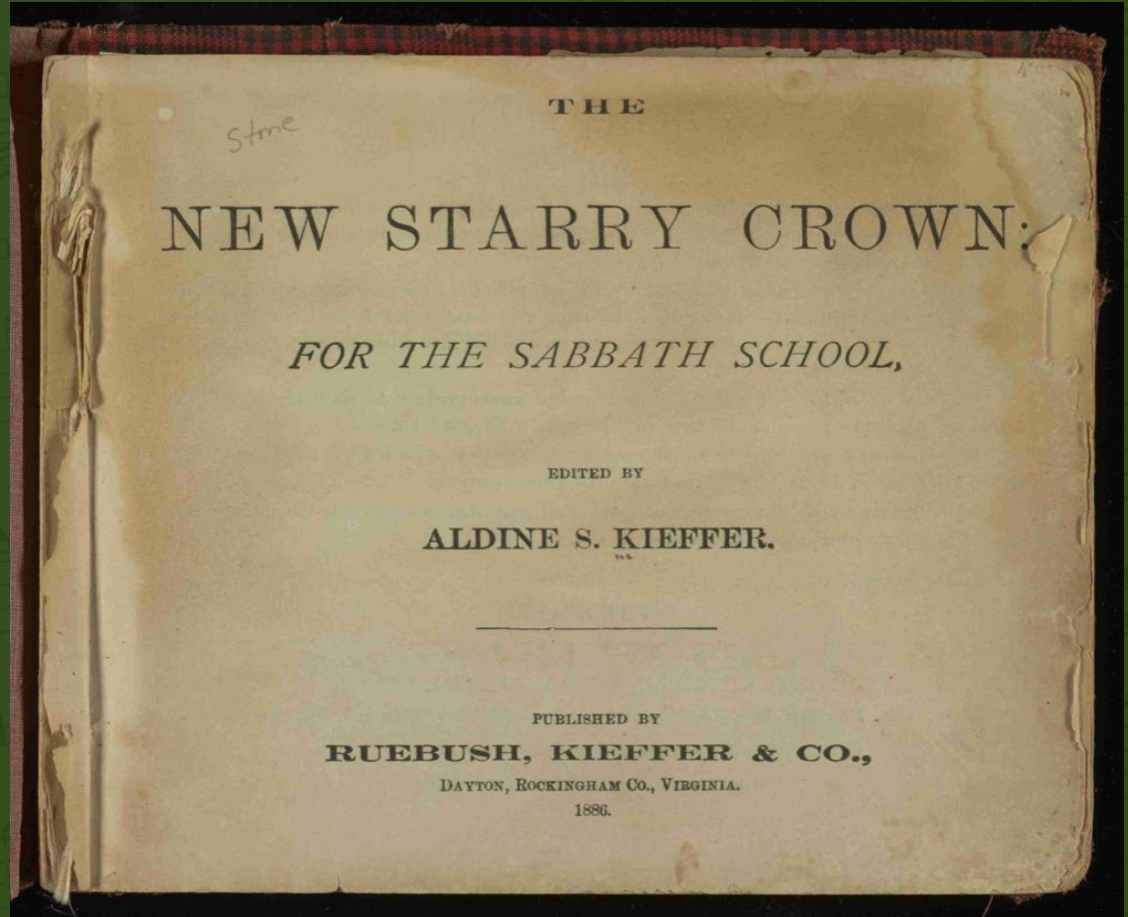
Aldine S. Kieffer, ed., *The New Starry Crown (1886)*. 1886-Newsta-UKY.

Browse and Search

Pre-colon title for digestible display

Short Title:
Palmer's Normal Collection of Sacred Music

vs…
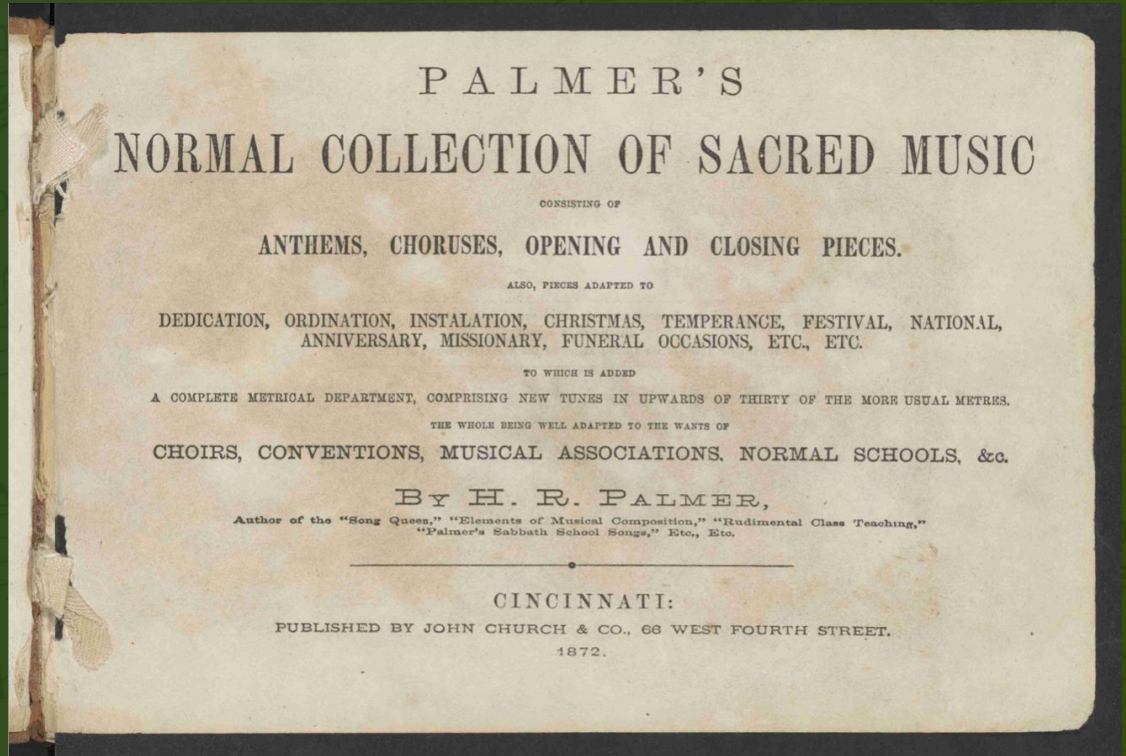
H. R. Palmer, ed., *Palmer's Normal Collection of Sacred Music* (1872). 1872-Palmer-EMU.

Browse and Search

Title:
Palmer's normal collection of sacred music ; consisting of anthems, choruses, opening and closing pieces. Also, pieces adapted to dedication, ordination, instalation [sic], Christmas, temperance, festival, national, anniversary, missionary, funeral occasions, etc., etc. To which is added a complete metrical department, comprising new tunes in upwards of thirty of the more usual metres. The whole being well adapted to the wants of choirs, conventions, musical associations, normal schools, &c.

H. R. Palmer, ed., *Palmer's Normal Collection of Sacred Music* (1872). `1872-Palmer-EMU`.

Browse and Search

External and locally controlled vocabularies for faceting

Notation: Numeral

Possible values: Nil, Round, Seven-shape Aikin, Seven-shape Walker, Seven-shape Funk, Seven-shape Johnson, Seven-shape Swan, Seven-shape Hood, Four-shape, Numeral, Numeral staff

(Also: Characteristics, Content, Still in Use)

Silas W. Leonard and A. D. Fillmore, eds., *The Christian Psalmist* (1851). 1851-Christ-UKY.
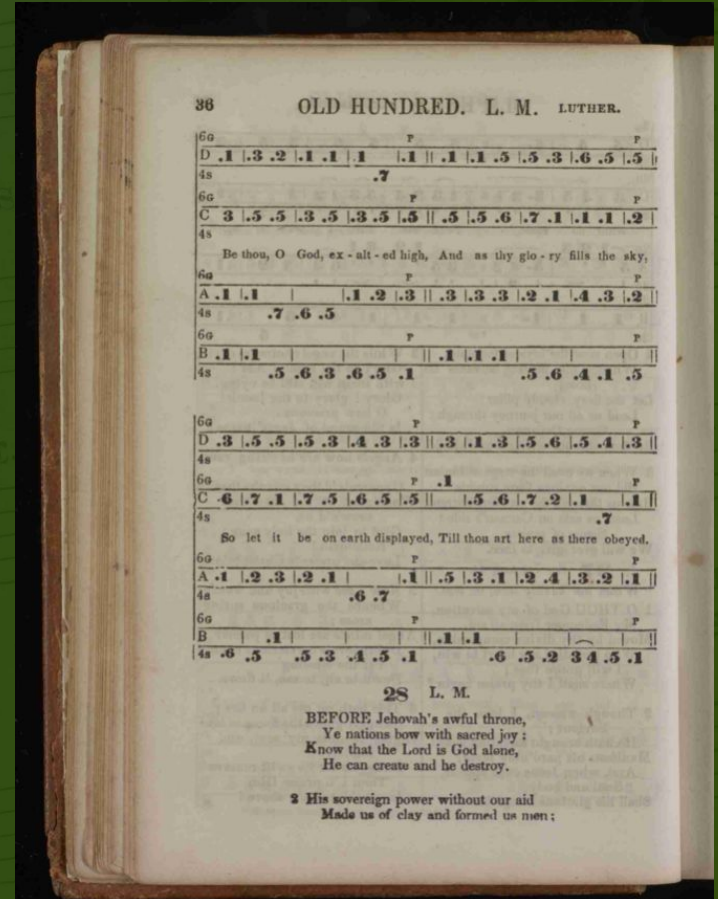
Interoperability

External controlled vocabularies facilitate interoperable data

Creators, Contributors, Publishers, and Institutions:
Library of Congress Name Authority File (LCNAF)

Places: Getty Thesaurus of Geographic Names (TGN)

Subjects: Faceted Application of Subject Terminology (FAST) Subject Headings

Languages: ISO 639-3

Dates: Extended Date/Time Format (EDTF)

Interoperability

Elements meeting requirements of data sharing partners

All: Subject, Holding Archive, Rights Statement URI

DLG: Medium, Digital Format, Type

RISM: Scoring Summary, Total Scoring, Title on Source, Physical Description, Local Identifier

Interoperability

Elements meeting partner requirements

Scoring Summary: V, Coro

Total Scoring:
V
Coro Air
Coro Double Air
Coro Counter
Coro Bass

Silas W. Leonard and A. D. Fillmore, eds.,
The Christian Psalmist (1851). 1851-Christ-UKY.

Interoperability

Title on Source:
PALMER'S | NORMAL COLLECTION OF SACRED MUSIC | CONSISTING OF | ANTHEMS, CHORUSES, OPENING AND CLOSING PIECES. | ALSO, PIECES ADAPTED TO | DEDICATION, ORDINATION, INSTALATION [sic], CHRISTMAS, TEMPERANCE, FESTIVAL, NATIONAL, | ANNIVERSARY, MISSIONARY, FUNERAL OCCASIONS, ETC., ETC. | TO WHICH IS ADDED | A COMPLETE METRICAL DEPARTMENT, COMPRISING NEW TUNES IN UPWARDS OF THIRTY OF THE MORE USUAL METRES. | THE WHOLE BEING WELL ADAPTED TO THE WANTS OF | CHOIRS, CONVENTIONS, MUSICAL ASSOCIATIONS, NORMAL SCHOOLS, &c. | BY H. R. PALMER, | Author of the "Song Queen," "Elements of Musical Composition," "Rudimental Class Teaching," | "Palmer's Sabbath School Songs," Etc., Etc. | CINCINNATI : | PUBLISHED BY JOHN CHURCH & CO., 66 WEST FOURTH STREET. | 1872.

H. R. Palmer, ed., *Palmer's Normal Collection of Sacred Music* (1872). `1872-Palmer-EMU`.

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Interoperability

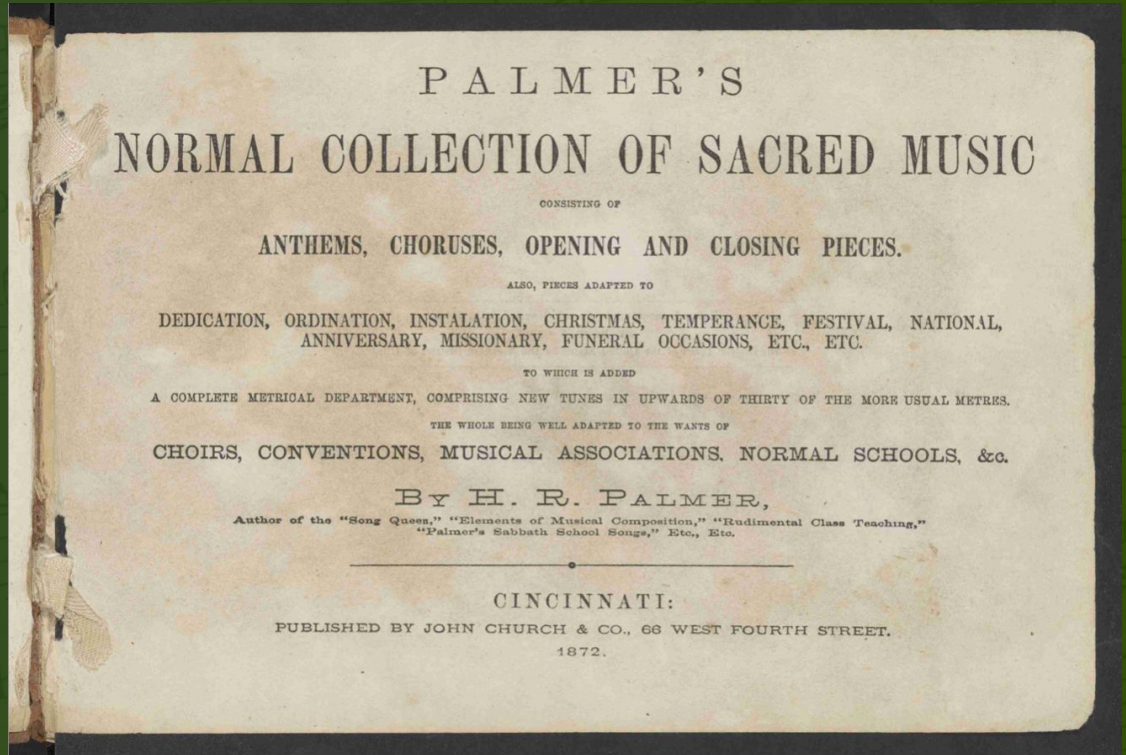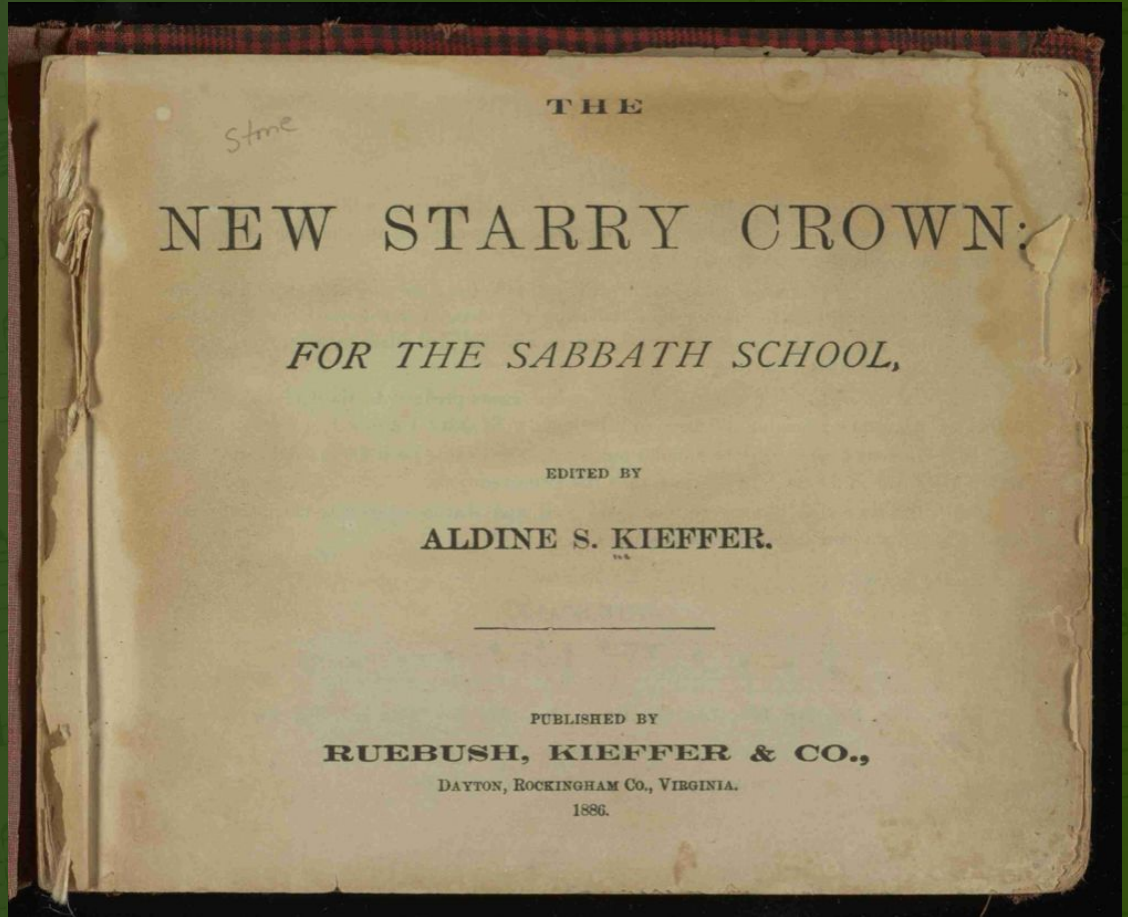**Elements meeting partner requirements**

Collecting the same data in multiple formats

Spatial Coverage FAST: Virginia--Dayton

Spatial Coverage Getty: United States, Virginia, Rockingham, Dayton

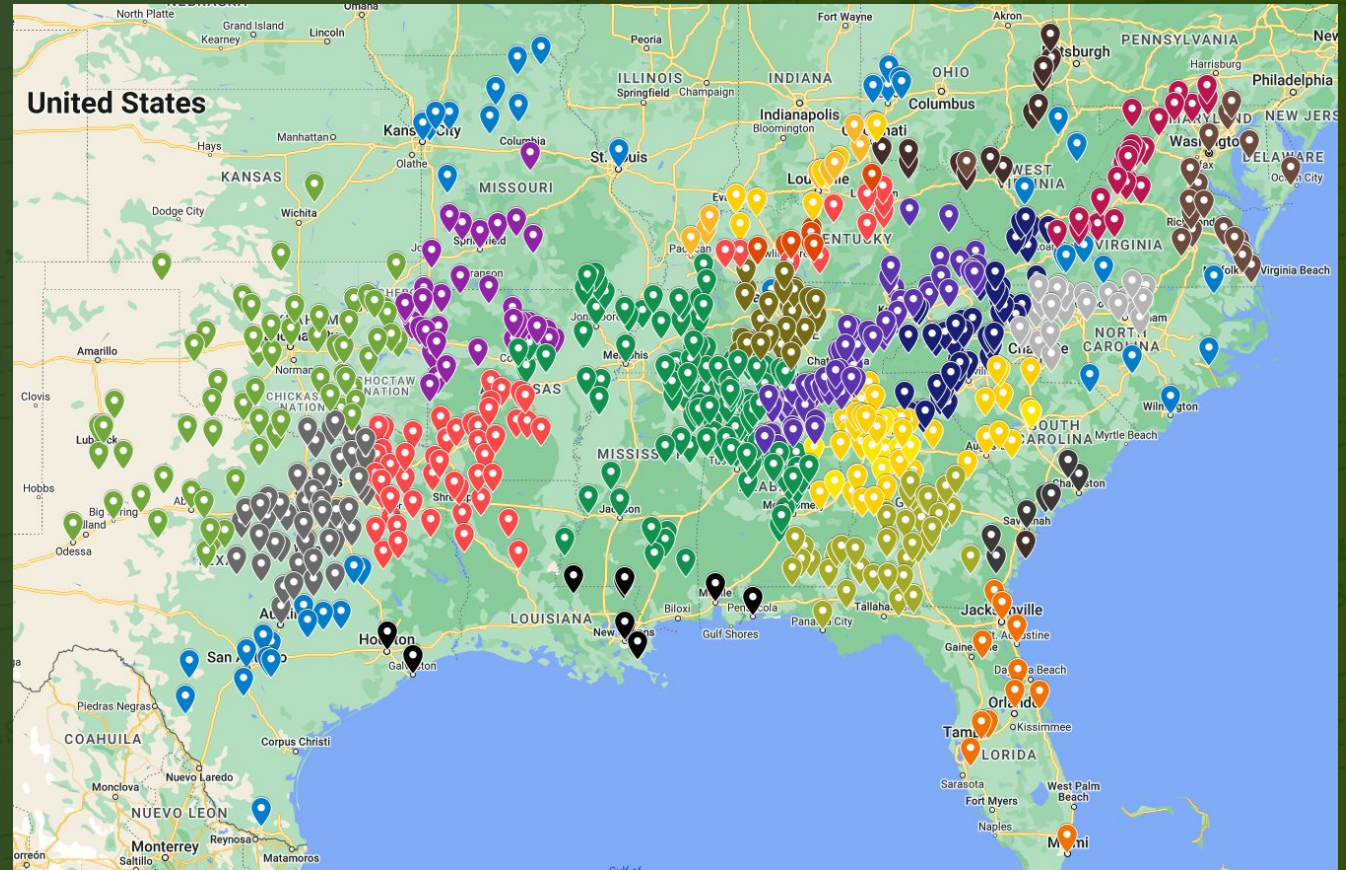Aldine S. Kieffer, ed., *The New Starry Crown (1886)*. 1886-Newsta-UKY.

Research

Place of …

- *Contributor Affiliation*
- Field Research
- Publication
- Manufacture
- Distribution
- Use

(Also: Dimensions, Characteristics)

Futures

Resources

- Metadata Application Profile: https://bit.ly/sounding-spirit-metadata-map
- Metadata Guide and Instructions: https://bit.ly/sounding-spirit-metadata-guide
- Project site: https://soundingspirit.org
- Contact Jesse: jesse.p.karlsberg@emory.edu

Next steps: publishing library and metadata, indexing songs, sharing our work