

Welcome to the webinar!



CARLI

Consortium of
Academic and Research
Libraries in Illinois

LIBRARY DISCOVERY SEARCHING: AN OVERVIEW

Denise Green, CARLI

Your microphones are muted. Please turn off your video.

Most questions will be answered after each presentation.

Please type any questions/comments into the chat box. Planning committee members are monitoring the chat.

This session will be recorded and made available on the CARLI website.



LIBRARY DISCOVERY SEARCHING: AN OVERVIEW

- Learning Goals:
 - Know “What is it?” What it isn’t?
 - What are goals of Discovery Searching?
 - Strength and weaknesses.
 - Bibliography for further study.

Note: Most of this presentation will not be Primo VE specific.



LIBRARY DISCOVERY SEARCHING:

- **Definition:** A web based search and information retrieval product based on a single central index of harvested collections & citations. Designed to have “one box searching,” be user centered and provide relevancy ranked results.
- Also fully integrated with other features like link resolvers and delivery/circulation services.
- **Examples:** Primo VE, EBSCO Discovery Service, WorldCat Discovery, Summon, etc.



CONTENT + DISCOVERY + DELIVERY = (WorldCat Discovery)

Physical Materials



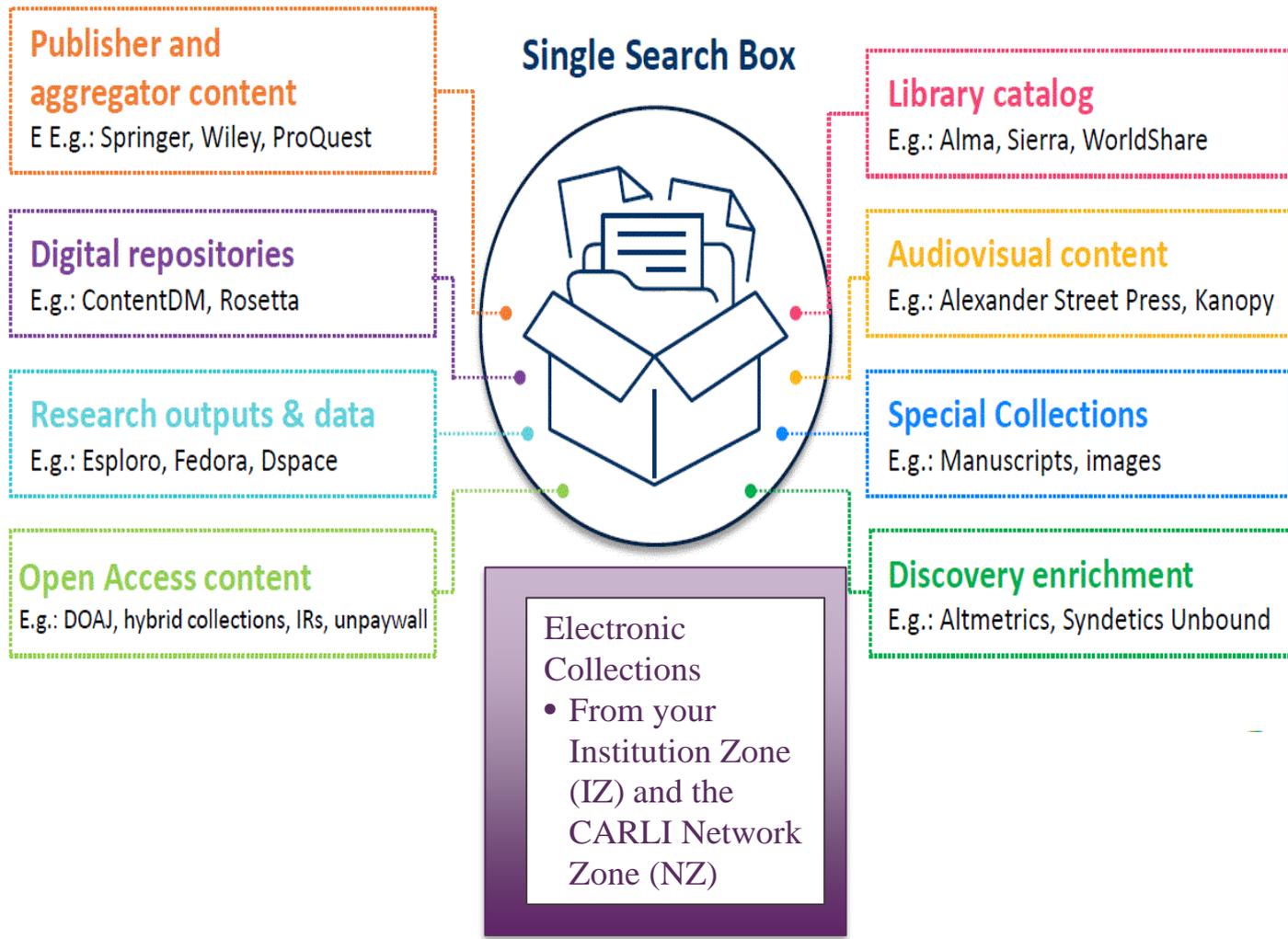
Digital materials



Electronic / Licensed Materials



OCLC Graphic of feeding info into the one-search box.

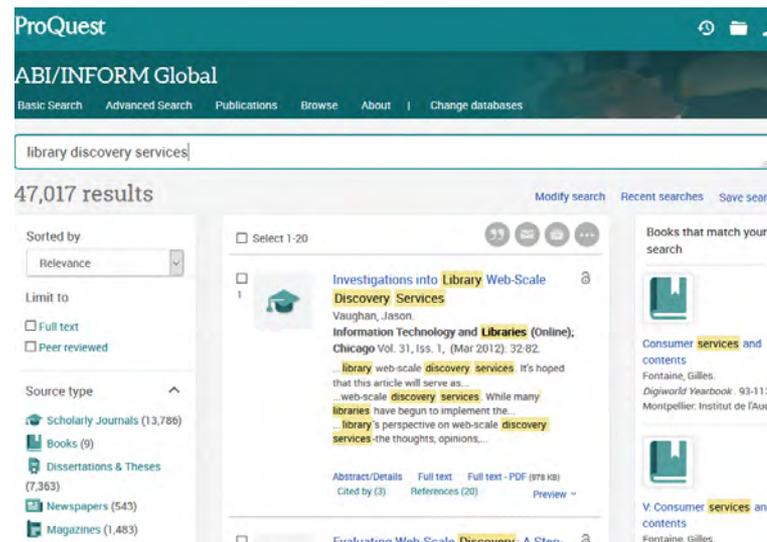
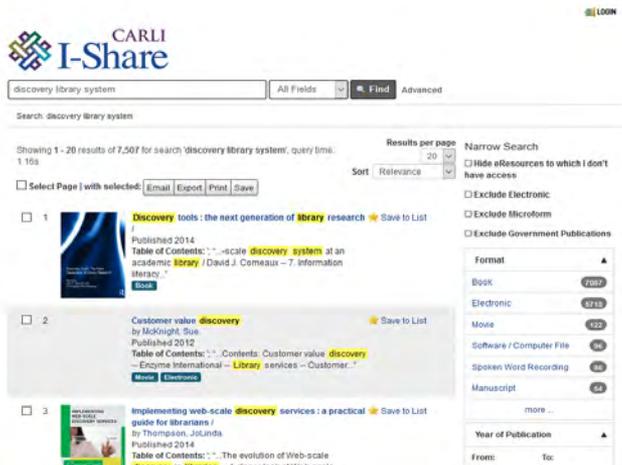


Ex Libris Alma Graphic of feeding info into the one-search box.



LIBRARY DISCOVERY SEARCHING:

- What it isn't.
 - Library catalogs- based on search fields mapped to MARC/DC fields
 - Native interfaces of article database vendors like EBSCO, ProQuest, Gale, JSTOR, etc.



LIBRARY DISCOVERY SEARCHING:

- What it isn't.
 - Federated search- remember them? Ex. WebFeat, Metalib, etc.

University Libraries *Find it!* Articles, Databases, Full-Text

QuickSearch | Find Database | MultiSearch | My Space [Log in](#) [Exit](#) [Help](#)

Search | Results Guest

QuickSearch Results

Search for "french foreign policy" in "Social Sciences"

[View retrieved](#) [Cancel](#)

Database Name	Status	Found	Retrieved
Academic Search Premier		68	30
Anthropology Plus		0	0
EconLit		137	30
Education Full Text		7	7
GenderWatch		13	13
PsycINFO		18	18
Sociological Abstracts		3	3
Worldwide Political Science Abstracts	SUSPEND	59	
GPO Catalog		4	4
Catalog (WU Libraries Catalog)		28	28

LIBRARY DISCOVERY SEARCHING:

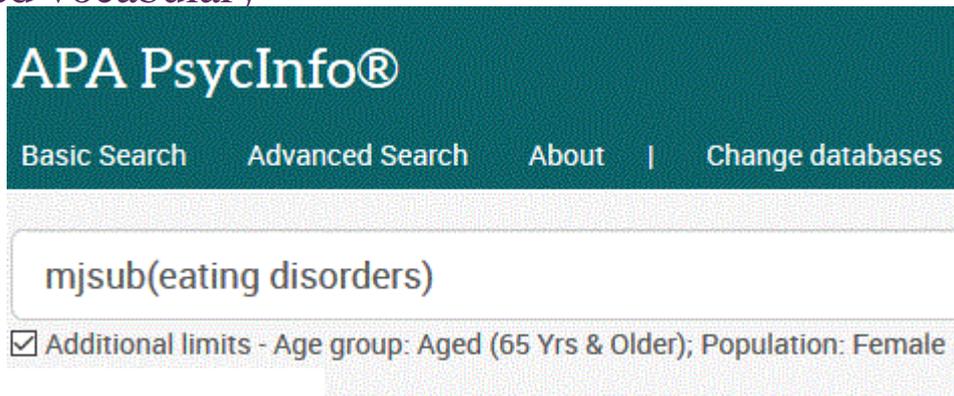
- What it isn't.
 - Google Scholar (or Google)

The screenshot shows a Google Scholar search interface. At the top, the search bar contains the text "library discovery systems" and a magnifying glass icon. Below the search bar, it indicates "Articles" and "About 3,430,000 results (0.09 sec)". On the left side, there are filters for "Any time" (with options: Since 2020, Since 2019, Since 2016, Custom range...), "Sort by relevance" (with option: Sort by date), and checkboxes for "include patents" and "include citations". At the bottom left, there is a "Create alert" button. The search results are listed in three rows, each with a title, author information, a brief description, and a link to the full text or PDF.

Filter/Action	Search Result	Source/Link
Any time Since 2020 Since 2019 Since 2016 Custom range...	Algorithmic bias in library discovery systems M Reidsma - Matthew Reidsma, 2016 - matthew.reidsrow.com More and more academic libraries have invested in discovery layers, the centralized "Google-like" search tool that returns results from different services and providers by searching a centralized index. The move to discovery has been driven by the ascendance of ... ☆ 99 Cited by 16 Related articles	[HTML] reidsrow.com
Sort by relevance Sort by date	Beyond boolean, towards thinking: Discovery systems and information literacy D Cmor, X Li - Library management, 2012 - emerald.com Purpose—As discovery systems take the library world by storm, there is a new opportunity for user-centred information literacy programs to emerge. This paper aims to explore the impact that new web-scale discovery systems might have on information literacy programs and ... ☆ 99 Cited by 37 Related articles All 15 versions	[HTML] emerald.com Discover UIUC Full Text
<input checked="" type="checkbox"/> include patents <input checked="" type="checkbox"/> include citations <input type="checkbox"/> Create alert	Library discovery systems and their users: a case study from Curtin University library D Wells - Australian academic & research libraries, 2016 - Taylor & Francis Discovery systems are now increasingly the dominant technology through which clients discover and access the information resources held by academic and research libraries. However, as yet, little work has been done to explore the use and impact of discovery ... ☆ 99 Cited by 14 Related articles All 4 versions Web of Science: 2	[PDF] tandfonline.com Full View

What it isn't.

- Discipline-specific search tools- ex. PsycInfo, Scopus or MLA Bibl.
 - Cover all topics
 - No subject focused search techniques
 - No Authoritative/ Controlled vocabulary

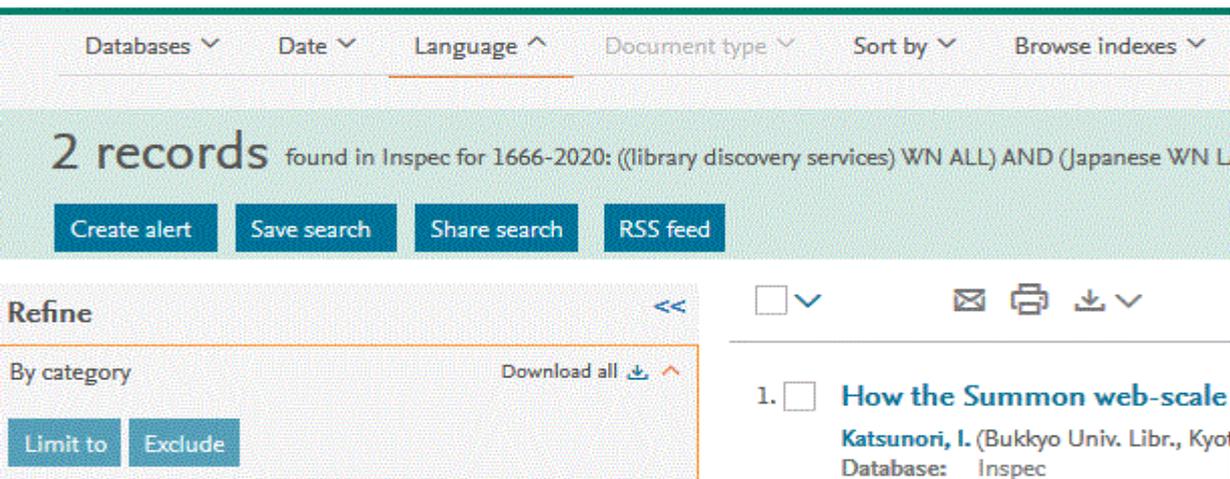


APA PsycInfo®

Basic Search Advanced Search About | Change databases

mjsub(eating disorders)

Additional limits - Age group: Aged (65 Yrs & Older); Population: Female



Databases ▾ Date ▾ Language ^ Document type ▾ Sort by ▾ Browse indexes ▾

2 records found in Inspec for 1666-2020: ((library discovery services) WN ALL) AND (Japanese WN L

Create alert Save search Share search RSS feed

Refine <<

By category Download all ⬇ ^

Limit to Exclude

▾ ✉ 🖨 ⬇ ▾

1. **How the Summon web-scale**
Katsunori, I. (Bukkyo Univ. Libr., Kyoto)
Database: Inspec

LIBRARY DISCOVERY SEARCHING:

- What are its goals?
 - One box searching- easy, quick fast!
 - Look for physical materials and e-resources in one search.
 - Everything for (mostly) everybody.



LIBRARY DISCOVERY SEARCHING:

- Strength and weaknesses- can be both.
 - Often bundled your integrated/unified library system or with same vendor as most of article databases.
 - Our users expect Google/Amazon like experience.
 - The relevancy ranking and searching definitions are a “black box.” You can’t completely define or edit them.
 - Dominated by commercial companies that don’t always play well together.



Final Point: Like cooking, the individual parts do not taste the same as the whole dish. And every time you cook the recipe, it will not turn out exactly the same.



Searching the same keywords may get different results on different days. Remember Alma and Primo VE have monthly software updates and continuous Community Zone content updates.

Library Discovery Searching: Brief bibliography

Breeding, Marshall. “The Future of Library Resource Discovery”. Information Standards Quarterly, vol. 27 , issue 1, Spring 2015. pp. 24-30.

Breeding, Marshall. “Discovery Services: Bundled or Separate?”. American Libraries. January 2, 2019.

<https://americanlibrariesmagazine.org/2019/01/02/discovery-services/>

Buck, Stefanie, and Christina Steffy. “Promising Practices in Instruction of Discovery Tools.” Communications in Information Literacy, vol. 7, no. 1, Mar. 2013, pp. 66–80.

Library Discovery Searching: Brief bibliography

Ellero, Nadine P. “An Unexpected Discovery: One Library’s Experience With Web-Scale Discovery Service (WSDS) Evaluation and Assessment.” Journal of Library Administration, vol. 53, no. 5–6, July 2013, pp. 323–343. EBSCOhost, doi:10.1080/01930826.2013.876824.

Kelley, Michael. “COMING INTO FOCUS: Web-Scale Discovery Services Face Growing Need for Best Practices.” Library Journal, vol. 137, no. 17, Oct. 15 2012, pp. 34–40.

Vaughan, Jason, "Web Scale Discovery Services" in McDonald, J. (Ed.), Levine-Clark, M. (Ed.). (2017). Encyclopedia of Library and Information Sciences. Boca Raton: CRC Press, <https://doi.org/10.1081/E-ELIS4>



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into the chat box.

This session has been recorded and will
soon be available on the CARLI website.

Next session:

Primo VE & Ex Libris Product
Development

will begin at 10:10 AM