

"A fresh approach to journal collection analysis"

Ian Pattenden - Bowker (UK) Ltd



ionian university

panhellenic conference of

13-15,10,04





Context

- Libraries need to evaluate their collection of journals to ensure they meet academic requirements and to justify expenditure. This is a big challenge...
- Comparisons with defined "core collections"
- Analysis against the collections of peer institutions
- Largely manual and time-consuming process



Introduction to USAS



 Authoritative and independent database of information on 260,000+ journals published worldwide (www.ulrichsweb.com)



New analysis module (USAS) created to allow a library to compare it's own collection of journals, using the Ulrich's database as a reference point (www.ulrichsweb.com/analysis)



What is USAS?

- A reporting system designed specifically for librarians to allow you to see/understand your collection and put it in perspective
- A product designed to save time and effort with collection development decision-making
- An essential resource for anyone aiming to achieve an optimum collection within budget



What USAS offers...

It allows a library to:

- Fully analyse collection by subject area
- View collection against the entire Ulrich's database
- View collection against Ulrich's core collection
- View quality of collection for better decisionmaking
- Generate instant reports



Analysis criteria

Compare collection against the Ulrich's database:

- "Universe" of 219,000 active titles
- "Core" collection of 53,000 active titles, inc:
 - 26,000 refereed titles
 - 21,000 electronic titles
 - 8,500 titles reviewed in Katz Magazines for Libraries
 - 7,000+ titles with an ISI Impact Factor



What else?...

- Compare your collection with:
 - Ulrich's
 - A peer institution
 - Another library's collection
 - A consortium collection
 - An aggregated database of e-journals
 - Print v Electronic
- NEW: Compare any two lists you upload i.e. database v database



Benefits

Using the system allows a library to:

- Identify its strengths and weaknesses
- Plan and carry out an effective collection development policy, based on a clear understanding of the current situation
- Justify the purchase of new titles/packages
- Justify the renewal or non-renewal of titles/packages
- Ensure best quality and best value for money



How it works...

- Library loads a list (or lists) of their own ISSNs into USAS
- The system then compares these ISSNs with the Ulrich's data and pulls that data into the report screens
- Uploaded collection is automatically broken down into subject areas (900 Ulrich's subjects) to allow meaningful analysis
- Ability to work with data before creating a wide variety of reports

Access...



Ulrich's Free Areas

INSIDE ULRICH'S

Get to know ulrichsweb.com by reading About ulrichsweb.com, or a list of Frequently Asked Questions (FAQs). Learn how it all started by reading the story of Carolyn Ulrich, and how today's serials librarians are recognized by the Bowker/Ulrich's Serials Librarianship Award. Click to see the list of Award Recipients.

WHAT'S NEW

uo r

Go

Find out what's new on ulrichsweb.com™, including new features, enhanced functionality, and more! Read our Press Releases and about Recent Site Enhancements.

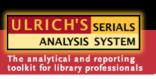




OPEN ACCESS IN ULRICH'S! In response to the evolving opportunities in serials information, ulrichsweb.com is now showcasing Open Access (OA) journals -- free electronic full-text academic and scholarly journals from SPARC, PLoS, Biomed Central, the Directory of Open Access Journals, and other providers. Ulrichsweb.com subscribers can now search for and directly access the home pages and full-text of hundreds of these exciting new research resources. An "Open Access" search limiter on the Advanced Search screen lets users pinpoint Open Access titles. In addition, a new "Free" price limit lets users identify all of the free publications in Ulrich's -- whether print or electronic -- including journals, magazines, newspapers, newsletters and other serials.

Serials Analysis Systen

Main menu...



HOME | FOR LICENSE ADMINISTRATORS | QUICK GUIDE | LOGOUT

Create/Modify Report(s) | Select Statistics to View | Ulrich's Alert | ulrichsweb.com

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Select Statistics to View

You may choose a set of reports to view by selecting one of the following options:

Your Library Reports

This option allows you to view analytical reports for files you have uploaded to your account.

Compared to Ulrich's Universe

(all active titles in Ulrich's)

Compared to Ulrich's Core

(academic/scholarly, major consumer and trade)

Compared to a Peer Group

(comparable and aspirational peer groups)

Peer Group Reports

This option allows you to view analytical reports for selected Peer Groups of institutions.

Compared to Ulrich's Universe

(all active titles in Ulrich's)

Compared to Ulrich's Core

(academic/scholarly, major consumer and trade)

Top Publisher Reports

This option allows you to view analytical reports for serials publishers.

Compared to Ulrich's Universe

(all active titles in Ulrich's)

Compared to Ulrich's Core

(academic/scholarly, major consumer and trade)

Comparison & Overlap Analysis Reports

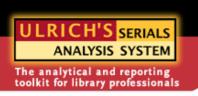
Compare any two lists of ISSNs

Select this option to quickly compare any two lists you have uploaded into your account, using a direct one-to-one file comparison.

Compare one list against multiple lists of ISSNs

Select ISSN list...

Count



Ulrich's Subject

Percentages of Ulrich's Universe: Summary

Create/Modify Report(s)

Percentage of Universe

FOR LICENSE ADMINIS

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Select Statistics to View

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Limit To:		» PLUS HealLink			
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Country of Publication: La	nguage:				CLEAR
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Percentages of Ulrich's Universe: Summary Your Library: >UNIVERSITY OF PATRAS V GO View Top Publishers

ULRICH'S SERIALS

The analytical and reporting toolkit for library professionals

ANALYSIS SYSTEM

Reporting Level: Summary Detailed Go To: Ulrich's Core View/Search: Current List										
Limit To:										
☑ List Matches ☐ Refereed ☐ Abstracted/Indexed ☐ Electronic Journal ☐ ISI Impact Factor ☐ Magazines for Libraries Download										
Country of Publication: Language:										
CLEAR GO										
Ulrich's Subject	Library List Count	Number of Ulrich's Universe with this Subject	Library Count as Percentage of Universe	Ulrich's Universe Titles Library Does Not Hold						
expand AERONAUTICS AND SPACE FLIGHT	4	<u>1,031</u>	0.39%	<u>1,027</u>						
expand AGRICULTURE	4	<u>2,875</u>	0.14%	<u>2,871</u>						
expand ARCHAEOLOGY	<u>3</u>	<u>1,299</u>	0.23%	<u>1,296</u>						
expand ARCHITECTURE	<u>2</u>	<u>865</u>	0.23%	<u>863</u>						
expand ASIAN STUDIES	<u>2</u>	<u>545</u>	0.37%	<u>543</u>						
expand ASTRONOMY	<u>1</u>	<u>440</u>	0.23%	<u>439</u>						
expand BIOLOGY	<u>40</u>	<u>4,947</u>	0.81%	<u>4,907</u>						
expand BUILDING AND CONSTRUCTION	4	<u>1,883</u>	0.21%	<u>1,879</u>						
expand BUSINESS AND ECONOMICS	<u>18</u>	<u>11,511</u>	0.16%	<u>11,493</u>						
expand CERAMICS, GLASS AND POTTERY	<u>2</u>	<u>266</u>	0.75%	<u>264</u>						
expand CHEMISTRY	<u>15</u>	<u>1,411</u>	1.06%	<u>1,396</u>						
expand CHILDREN AND YOUTH ABOUT	<u>3</u>	<u>794</u>	0.38%	<u>791</u>						
expand CHILDREN AND YOUTH FOR	<u>1</u>	<u>1,451</u>	0.07%	<u>1,450</u>						
expand CLASSICAL STUDIES	<u>29</u>	<u>294</u>	9.86%	<u>265</u>						
expand COMMUNICATIONS	<u>9</u>	<u>1,674</u>	0.54%	<u>1,665</u>						

expand PSYCHOLOGY	<u>13</u>	<u>1,628</u>	0.80%	<u>1,615</u>
expand PUBLIC HEALTH AND SAFETY	<u>1</u>	<u>785</u>	0.13%	<u>784</u>
expand PUBLISHING AND BOOK TRADE	<u>1</u>	<u>830</u>	0.12%	829
expand RELIGIONS AND THEOLOGY	<u>3</u>	<u>3,606</u>	0.08%	<u>3,603</u>
expand SCIENCES: COMPREHENSIVE WORKS	8	<u>2,173</u>	0.37%	<u>2,165</u>
expand SOCIAL SCIENCES: COMPREHENSIVE WORKS	<u>2</u>	<u>1,356</u>	0.15%	<u>1,354</u>
expand SOCIOLOGY	<u>7</u>	<u>1,228</u>	0.57%	<u>1,221</u>
expand SOUND RECORDING AND REPRODUCTION	<u>1</u>	<u>159</u>	0.63%	<u>158</u>
expand STATISTICS	<u>7</u>	<u>991</u>	0.71%	<u>984</u>
expand TECHNOLOGY: COMPREHENSIVE WORKS	<u>1</u>	<u>700</u>	0.14%	<u>699</u>
expand THEATER	<u>5</u>	<u>605</u>	0.83%	<u>600</u>
expand TRANSPORTATION	4	<u>1,619</u>	0.25%	<u>1,615</u>
expand WATER RESOURCES	4	<u>618</u>	0.65%	<u>614</u>
Grand Totals:	658	110,968	0.59%	110,310
				Download

NOTE: 26 ISSNs on this list could not be included in the statistics. Click here for details.

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ULRICH'S SERIALS ANALYSIS SYSTEM The analytical and reporting toolkit for library professionals

Percentages of Ulrich's Core: Summary

Your Library: **UNIVERSITY OF PATRAS *** GO View Top Publishers	
Reporting Level: Summary Detailed Go To: Ulrich's Universe View/Search: Current Lis	<u>st</u>
Limit To:	
☑ List Matches □ Refereed □ Abstracted/Indexed □ Electronic Journal □ ISI Impact Factor □ Magazines for Libr	Download
Country of Publication: Language:	GO
Number of Ulrich's	Ulrich's Core Titles

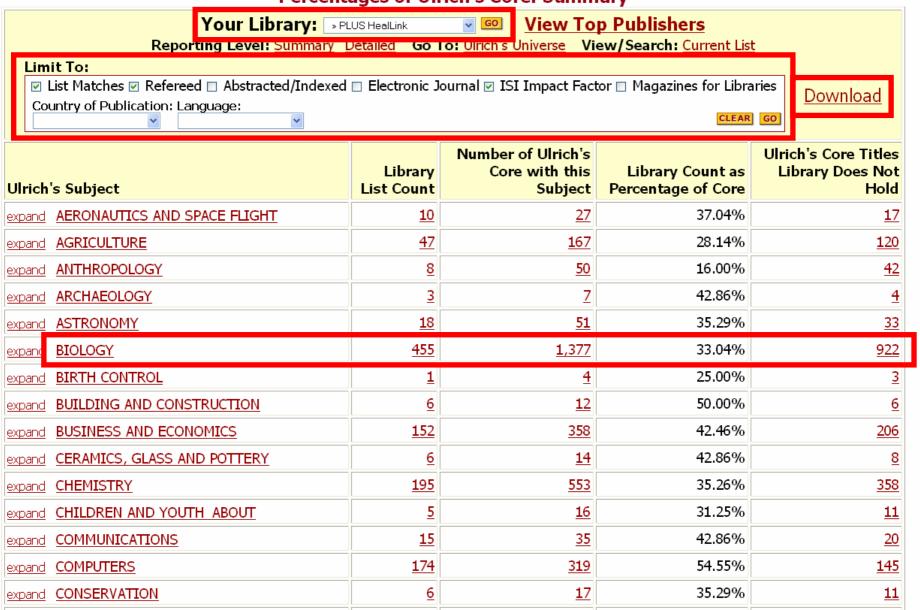
Ulrich's Subject	Library List Count	Core with this Subject	Library Count as Percentage of Core	Library Does Not Hold
expand AERONAUTICS AND SPACE FLIGHT	4	<u>173</u>	2.31%	<u>169</u>
expand AGRICULTURE	4	<u>570</u>	0.70%	<u>566</u>
expand ARCHAEOLOGY	<u>3</u>	<u>757</u>	0.40%	<u>754</u>
expand ARCHITECTURE	<u>2</u>	<u>196</u>	1.02%	<u>194</u>
expand ASIAN STUDIES	<u>2</u>	<u>358</u>	0.56%	<u>356</u>
expand ASTRONOMY	1	186	0.54%	185
expand BIOLOGY	<u>37</u>	<u>3,129</u>	1.18%	<u>3,092</u>
expand BUILDING AND CONSTRUCTION	<u>2</u>	<u>100</u>	2.00%	<u>98</u>
expand BUSINESS AND ECONOMICS	<u>16</u>	<u>1,885</u>	0.85%	<u>1,869</u>
expand CERAMICS, GLASS AND POTTERY	<u>1</u>	<u>49</u>	2.04%	<u>48</u>
expand CHEMISTRY	<u>15</u>	<u>970</u>	1.55%	<u>955</u>
expand CHILDREN AND YOUTH FOR	<u>1</u>	<u>85</u>	1.18%	<u>84</u>
expand CLASSICAL STUDIES	<u>26</u>	<u>220</u>	11.82%	<u>194</u>
expand COMMUNICATIONS	<u>6</u>	<u>266</u>	2.26%	<u>260</u>
expand COMPUTERS	44	<u>926</u>	4.75%	<u>882</u>

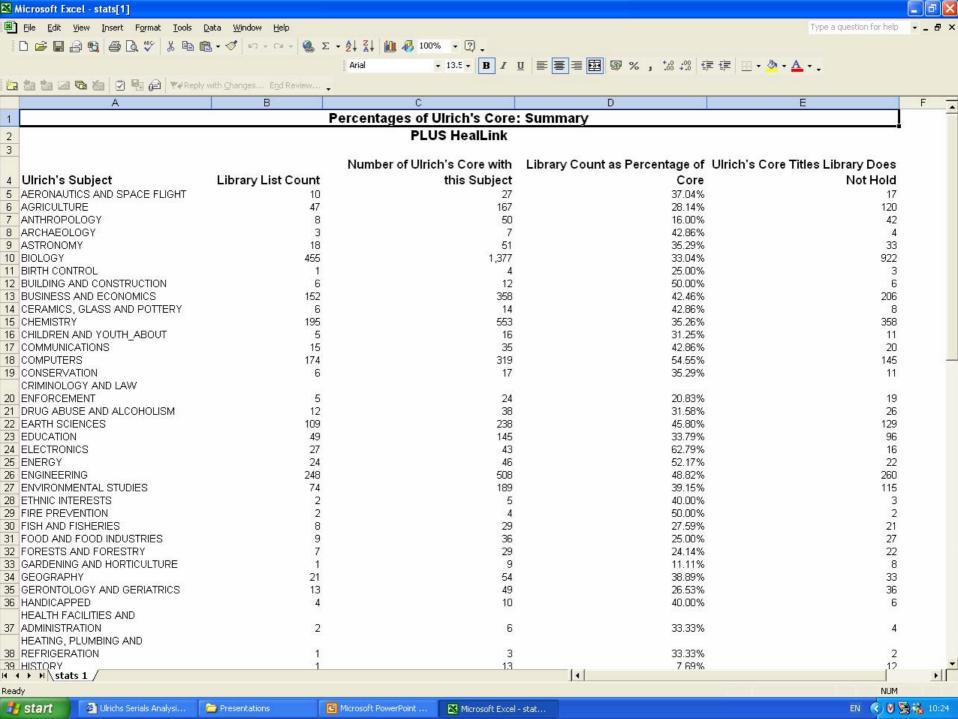
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Percentages of Ulrich's Core: Summary







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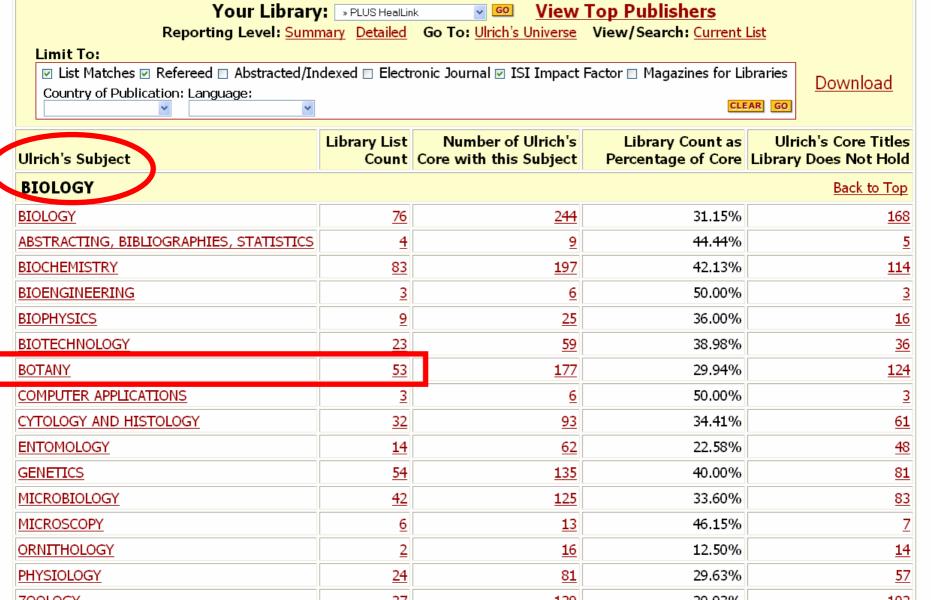
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Percentages of Ulrich's Core: Detailed

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Percentages of Ulrich's Core: List Details **PLUS HealLink**

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ANALYSIS SYSTEM The analytical and reporting toolkit for library professionals

Subject: BIOLOGY - BOTANY Level: Detailed

Limit To: List Matches, Refereed, ISI Impact Factor

1-50 of 53	3 rows			« First	« Previous	1 <u>2</u>	<u>Next »</u> <u>L</u>	.ast »				Download
	Enter a number or letter and click GO to jump to the closest match within the current sort view Go To Title:											
	Click on any header to sort this report by ascending											
<u>ISSN</u>	<u>Title</u> �	<u>Publisher</u>	<u>List Price</u>	Dewey	<u>Library-</u> <u>Defined</u> <u>Usage</u> <u>Statistics</u>			_	Abstracted/ Indexed	Electronic Journal	<u>ISI</u> <u>Impact</u> <u>Factor</u>	Magazines for Libraries
0002- 9122	American Journal of Botany - Print & Internet & Plant Science Bulletin	Botanical Society of America, Inc. (Columbus), Business Office	<u>USD 295</u>	580				Yes	Yes	<u>Yes</u>	<u>Yes</u>	Review
0305- 7364	Annals of Botany (No longer published by Academic Press - 2001)	Oxford University Press	<u>USD 860</u>	580				Yes	Yes	<u>Yes</u>	<u>Yes</u>	Review
0304- 3770	Aquatic Botany	Elsevier BV	<u>USD 1229</u>	579.177				Yes	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	Review
0005- 2728	Biochimica et Biophysica Acta (BBA) - Bioenergetics	Elsevier BV	<u>USD 2223</u>	580				Yes	<u>Yes</u>	Yes	Yes	
0006- 3134	Biologia Plantarum	Kluwer Academic Publishers	<u>USD 1288</u>	580				Yes	Yes	<u>Yes</u>	<u>Yes</u>	
0024-	Botanical Journal of the Linnean Society	Blackwell										

Quick Search Keyword

Go

Status:

Start Year:

Frequency:

Refereed:

Media:

Price:

Subject:

CODEN:

Dewey #:

Special Features:

Article Index: □ d: + - - / - \ .

Volume Ends:

Document Type:

Aquatic Botany: an international scientific journal dealing with applied and fundamental research on submerged, floating and emergent plants in marine and freshwater ecosystems.



Table of Contents: TOC

ISSN: 0304-3770 Title:

Aquatic Botany: an international scientific journal dealing with applied and fundamental research on submerged, floating and emergent plants in marine and freshwater ecosystems.

Elsevier BV Publishing Body: Country:

Netherlands

Active

1975 Monthly

4,

Yes

Journal; Academic/Scholarly

Abstracted/Indexed: Yes

Print

Language: Text in English

EUR 1,157 subscription per year in Europe to institutions

JPY 153,700 subscription per year in Japan to institutions

USD 1,294 subscription per year to institutions Except Europe And Japan (effective 2005)

BIOLOGY - BOTANY

579.177

AQBODS Includes Advertising, Bibliographies, Illustrations, Abstracts, Book Reviews

Index

Aquatic botany ELSEVIER

Also... Review all the lists you've created, create an unlimited number of lists



Statistics Lists for: University of Patras (Heal Link)

Click on any one of the lists below to view a detailed description of that list.

CREATE NEW LIST > REPORT PROFILES | COMPARISON PROFILE | COMPARISON DOWNLOAD

LIST NAME 🛆		DATE CREATED	STATS GENERATED	# OF TITLES
PLUS HealLink	▶ Edit ▶ Delete	04/15/2004	09/09/2004	6,012
■ UNIVERSITY OF PATRAS	▶ Edit ▶ Delete	04/05/2004	09/09/2004	68 4

Password
Protected
Click on any header name to sort descending.

LEGEND

Latest Statistics are now Available as of 09/25/2004

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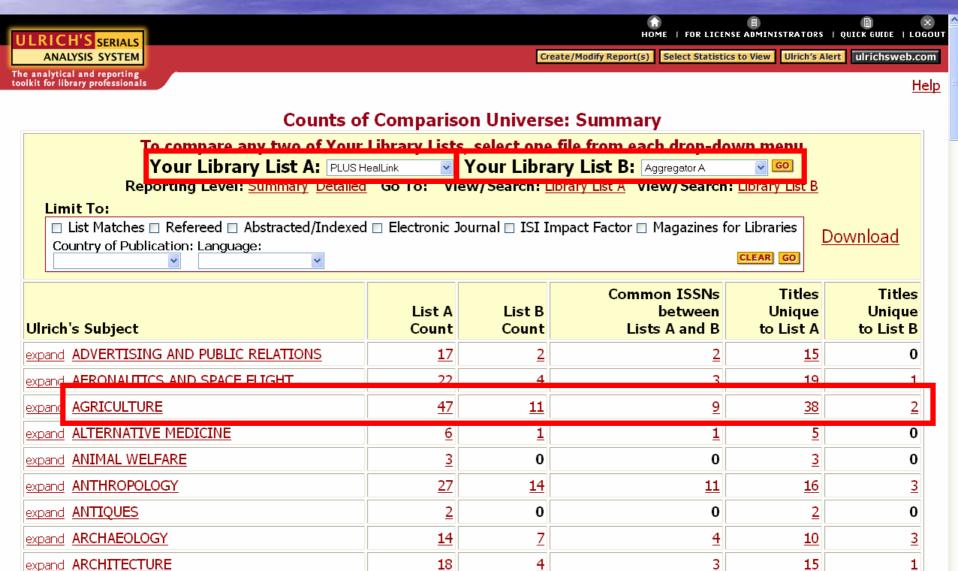
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Compare List v List to identify overlap and value... (Collection v Aggregated database)



USAS for Consortia...



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Select Statistics to View

You may choose a set of reports to view by selecting one of the following options:

Your Library Reports

This option allows you to compare uploaded library files, or the consortium's catalog, to Ulrich's Universe or Ulrich's Core.

Compared to Ulrich's Universe

(all active titles in Ulrich's)

Compared to Ulrich's Core

(academic/scholarly, major consumer and trade)

Top Publisher Reports

This option allows you to compare a serials publisher's offerings to Ulrich's Universe or Ulrich's Core.

Compared to Ulrich's Universe

(all active titles in Ulrich's)

Compared to Ulrich's Core

(academic/scholarly, major consumer and trade)

Consortia Reports

This option allows you to compare member library riles to the consortium catalog.

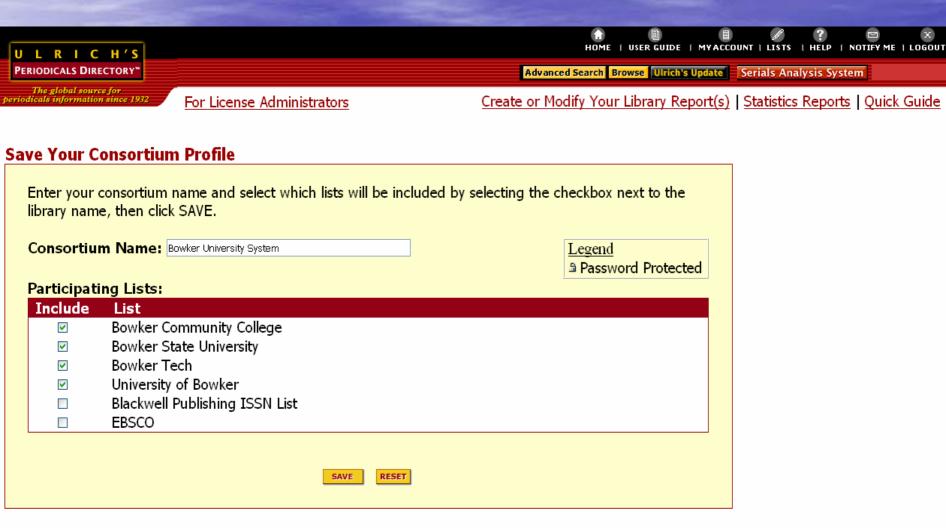
Compared to Consortium Universe

(all active titles in the consortium's catalog)

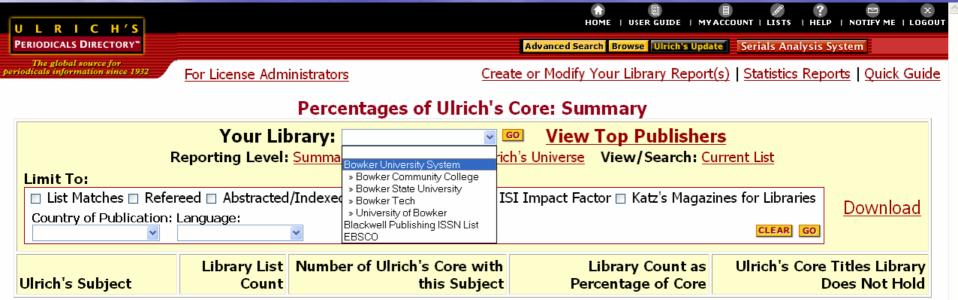
Compared to Consortium Core

(academic/scholarly, major consumer and trade)

Define a "consortium" profile



Select "member" or "consortium" to evaluate...



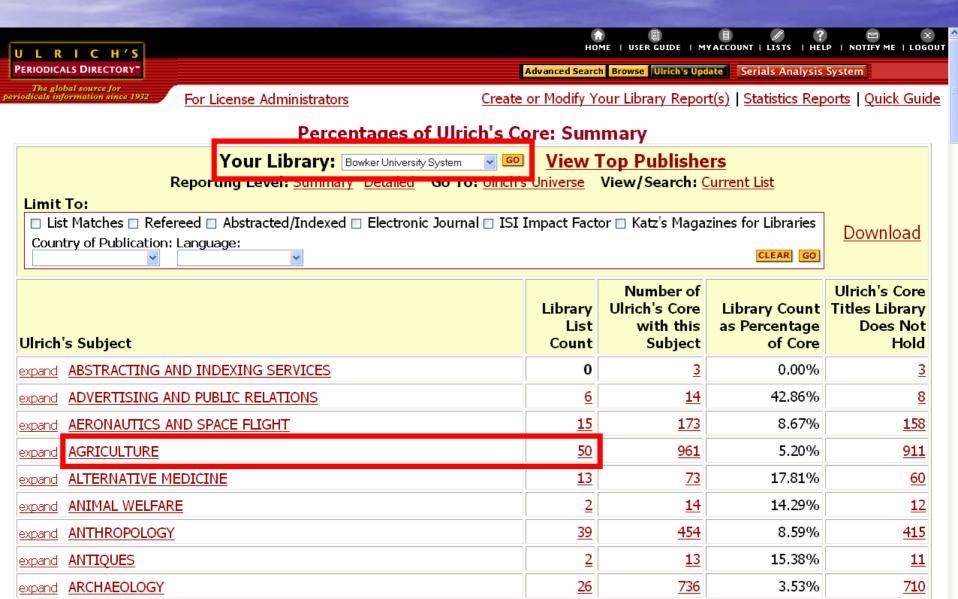
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Compare list with Ulrich's



View list of journals and see which members own them

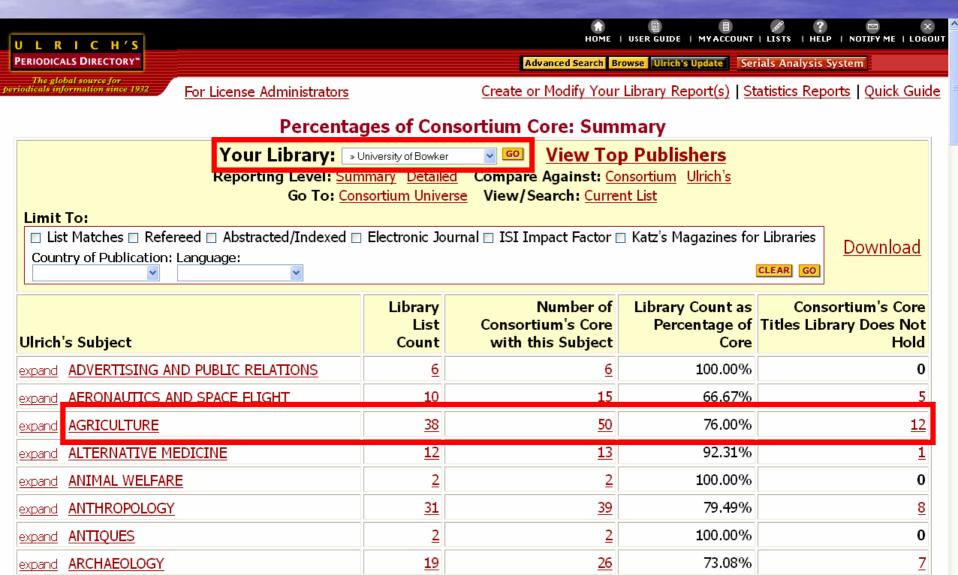


Percentages of Ulrich's Core: List Details Bowker University System Subject: AGRICULTURE Level: Summary

1-50 of 50 rows

1-50 01	1-50 of 50 rows <u>Download</u>									
	Click on any header to sort this report by ascending/descending									
<u>ISSN</u> �	<u>Title</u>	<u>Publisher</u>	List Price	<u>Dewey</u> Number	Locations	Refereed	Abstracted/ Indexed	Electronic Journal	<u>ISI</u> <u>Impact</u> <u>Factor</u>	Magazines for Libraries
0002- 1482	Agricultural History	University of California Press, Journals Division	<u>USD 145</u>	630	<u>3</u>	Yes	Yes	Yes	<u>Yes</u>	Review
0002- 1962	Agronomy Journal: an international journal	American Society of Agronomy, Inc.	<u>USD 216</u>	630	<u>1</u>	Yes	Yes	Yes	<u>Yes</u>	Review
0002- 9092	American Journal of Agricultural Economics	Blackwell Publishing, Inc.	<u>USD 183</u>	338.1	<u>3</u>	Yes	<u>Yes</u>	Yes	<u>Yes</u>	Review
0003- 9306	Archiv fuer Naturschutz und Landschaftsforschung	Taylor & Francis Ltd	<u>USD 400</u>	630	<u>2</u>		Yes			

View "member collection" against "consortium catalogue"



Publisher analysis...



Percentages of Ulrich's Core: Summary



Walter de Gruyter West Group



Summary

- Ulrich's Serials Analysis System (USAS) allows you to fully evaluate journal collections
- Subscription price dependent on number of ISSNs in the library's collection
- USAS subscription includes unlimited user access to the Ulrichsweb.com database
- Makes it easier for institutions to take current and future collection development decisions



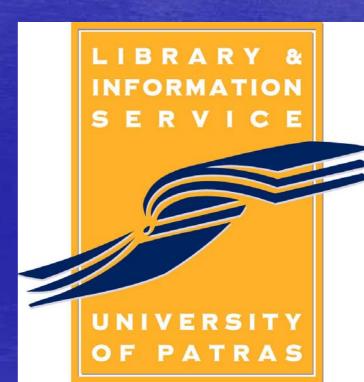
Results of analysis

- Library discovered that their collection consisted of
 4.32% of journals with an ISI Impact Factor
- Their collection plus that of Heal-Link yielded a 35.99% coverage rate for such high-quality journals
- Overall they were able to identify that they had a 40% coverage in their main areas of specialization... "This makes us feel comfortable with the selection of our journal collection and it's also a good way to find out our weaknesses and eliminate them if possible"



With thanks...

- Presentation compiled using screens from the Ulrich's Serials Analysis System implementation at Library & Information Service of University of Patras
- Thanks go to Fieroula Papadatou for her help and cooperation
- 1 of 7 Greek academic libraries already using the system





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