

Discoverability & Access: The Keys to the Kingdom

Canadian Science Publishing Workshop

Ottawa, November 3, 2011

Judy Luther



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
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Scholarly articles for boreal forests canada


 ... [Abies balsamea in the Quebec boreal forest \(Canada\)](#) - Deslauriers - Cited by 78


... [the boreal forests of the Laurentian Highlands, Canada](#) - Cogbill - Cited by 111


[Transport of boreal forest fire emissions from Canada ...](#) - Forster - Cited by 186

Boreal forest of Canada - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/Boreal_forest_of_Canada 
[edit] Overview. [edit] Post Ice-age. The **Canadian boreal forest** in its current form began to emerge with the end of the last Ice Age. With the retreat of the ...
Overview - Boreal life cycles - Economic activities - Protection

The Atlas of Canada - Boreal Forest
atlas.nrcan.gc.ca > ... > Learning Resources > Thematic Modules 

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A Deslauriers, H Morin... - ... *Journal of Forest* ..., 2003 - NRC Research Press

Cell formation in growth rings of balsam fir (*Abies balsamea* (L.) Mill) in the boreal forest was studied to describe the timing of ring formation and the development patterns of earlywood and latewood. Wood micro-cores were extracted during the growing season from 1998 to ...

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[Dynamics of the boreal forests of the Laurentian Highlands, Canada](#)

CV Cogbill - *Canadian Journal of Forest Research*, 1985 - NRC Research Press

Analyses of species composition and tree increment cores from 145 stands in central Québec were used to determine the forest history and stand dynamics. Windspread fires, possibly synchronous, burned across central Québec in at least three periods of record (...

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[Transport of boreal forest fire emissions from Canada to Europe](#)

C Forster, U Wandinger, G Wotawa... - *Journal of geophysical* ..., 2001 - [agu.org](#)

In August 1998, severe forest fires occurred in many parts of Canada, especially in the Northwest Territories. In the week from August 5 to 11, more than 1000 different fires burned $>1 \times 10^6$ ha of boreal forest, the highest 1-week sum ever reported throughout the 1990s. In this study ...

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BJ Stocks, MA Fosberg, TJ Lynham, L Mearns... - *Climatic Change*, 1998 - Springer

... Forest fires have been a natural and dominant disturbance regime in global boreal forests for millennia, and recent statistics from Canada, Alaska, and Russia illustrate that, despite reasonably successful fire management strategies in these countries, forest fires still exert a ...

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[Transport of boreal forest fire emissions from Canada to Europe](#)

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Shifting User Expectations

Discovery  Delivery

Discovery  Delivery



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Pros

- ❖ Ease of use
- ❖ Cited by feature
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- ❖ Export citations
- ❖ Free

Cons

- ❖ Lack of clarity on coverage
- ❖ Issues with link resolvers
- ❖ More local integration and control



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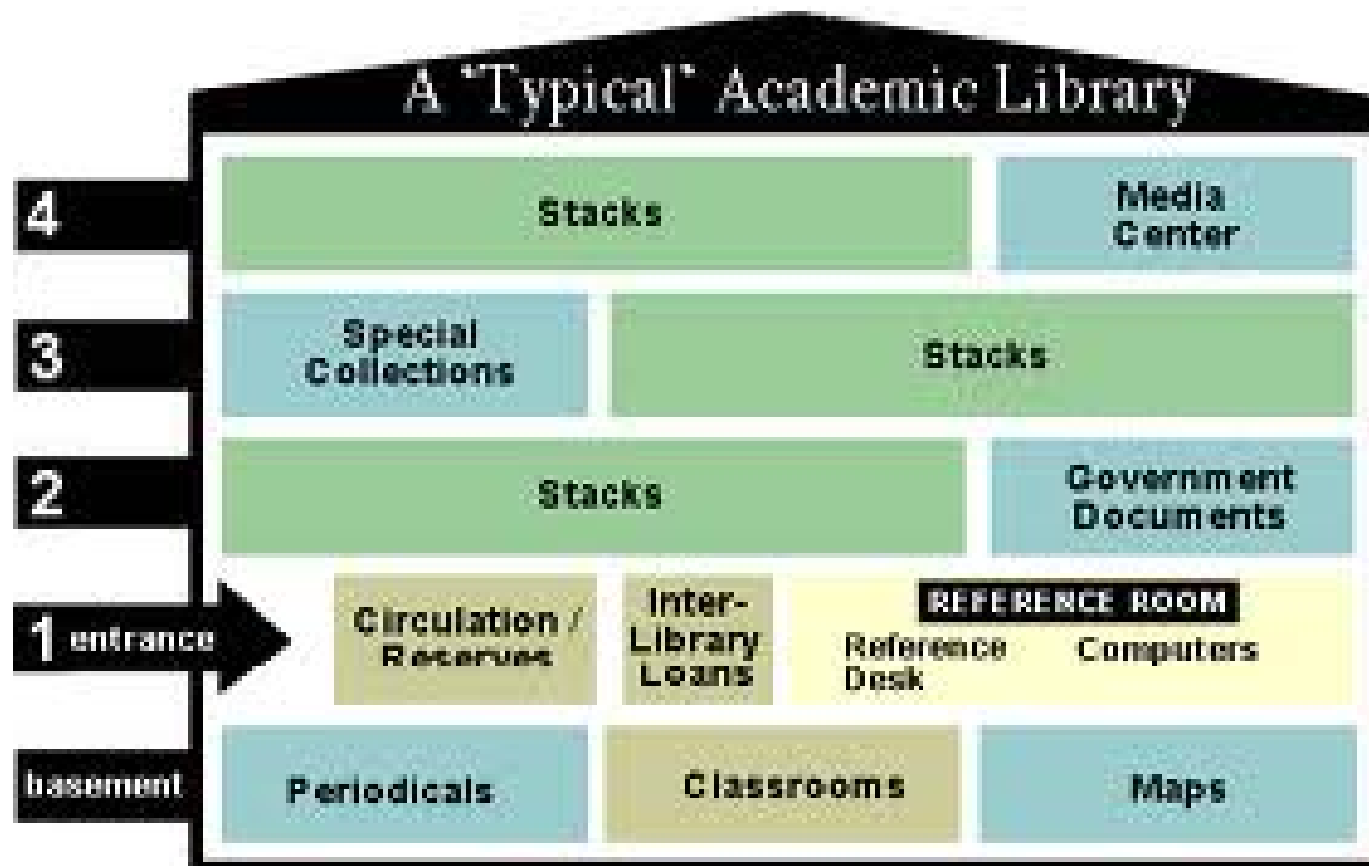
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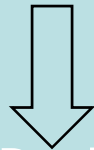


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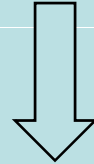


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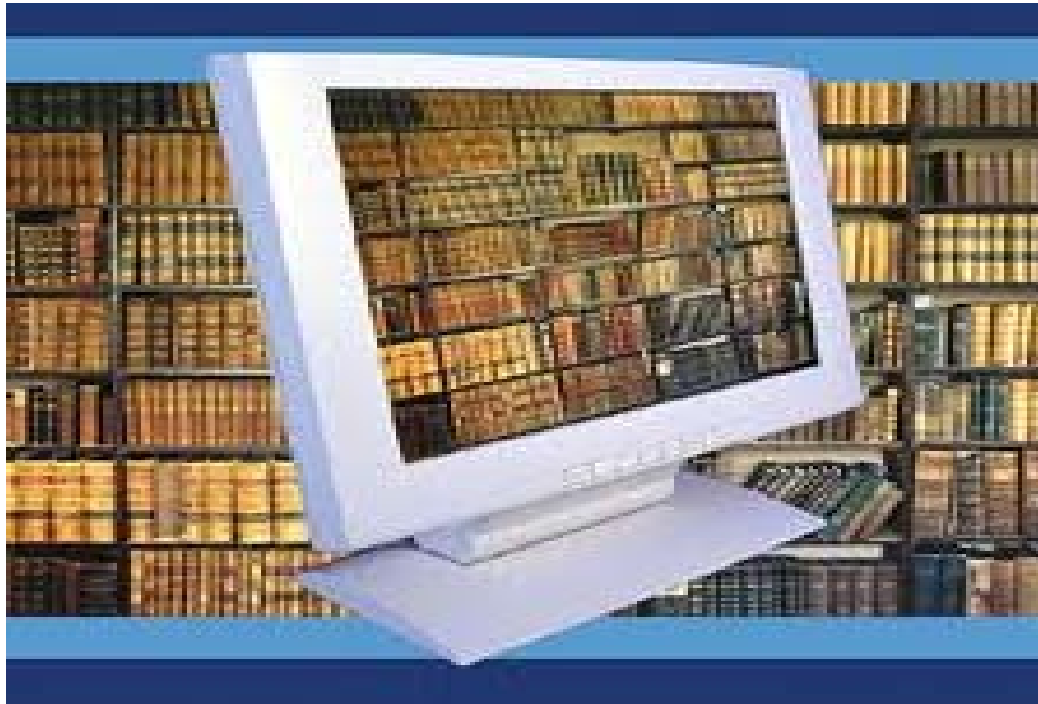
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- Add results beyond your library's collection

Content Type

- Any
- Journal Article (16,709)
- Dissertation (1,451)
- Book / eBook (1,129)
- Book Chapter (411)
- Government Document (264)

Excluded
Newspaper Article

[more...](#)

Subject Terms

- Any

Statistics on the study on the boreal forest in Canada

by Canada. Parliament. Senate. Subcommittee on Boreal Forest
1999, 64 p.
Contains statistical data in tabular and graphic form on the **boreal forest** resource in **Canada**. The data relate to such matters as harvest levels, annual...
 [Book: Check Availability, MICROLOG 99-07087](#)

Multiple successional pathways of boreal forest stands in central Canada

by Taylor, Anthony R and Chen, Han Y. H
Ecography, ISSN 0906-7590, 04/2011, Volume 34, Issue 2, pp. 208 - 219
Predicting **forest** composition change through time is a key challenge in **forest** management. While multiple successional pathways are theorized for **boreal...** [FIRE, ECOLOGY, BLACK SPRUCE, PLANT SUCCESSION, REGENERATION](#)
 [Journal Article: Full Text Online](#)

Aspen mixedwood silviculture in the boreal forest of Ontario, Canada

by Jeglum, J.K and Dietrichson, J
silviculture. reviews. mixed forests. Forest Sciences. boreal forests
 [Web Resource: Citation Online](#)



Facets Facilitate Filtering of Results

Facets

- ❖ Content Type
- ❖ Subject Terms
- ❖ Pub Date
- ❖ Library Location
- ❖ Language

Refine your search

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Subject Terms

- Any
- ecology (4,337)
- forestry (4,045)
- canada (2,769)
- environmental sciences (2,144)
- life sciences (1,798)
- plant sciences (1,782)

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Publication Date

Any

to

Library Location

- Any
- Koerner Library (331)
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- English (20,255)
- French (208)
- Spanish (17)
- German (16)
- Russian (3)
- Arabic (2)

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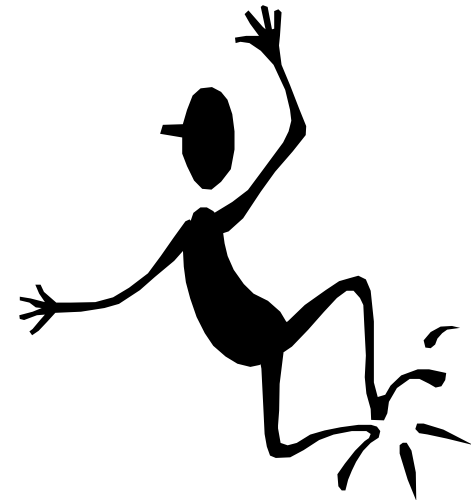
- ❖ Users do not need specialized knowledge
 - search strategies
 - subjects they are searching

- ❖ Users are provided context to explore
 - can navigate the topic
 - filter by categories



Discovery Tools

- ❖ Single search box
- ❖ Query tools – “Did you mean?”
- ❖ Relevance ranked results
- ❖ Faceted browse
- ❖ Enhanced visual displays
- ❖ Recommendation services





ARTICLE DISCOVERY



Unintended Consequences

- ❖ Google
 - Stand alone journals lack visibility
 - Combined with “Get it @” streamlines access

- ❖ Discovery Tools
 - Journals not covered in Discovery Tools left out
 - Opportunity for smaller journals to be visible

- ❖ Link Resolvers
 - Connection varies by library
 - Choice can depend on the user



Access to Journal Content

- ❖ Abstracts and indexing services
 - ❖ Controlled vocabularies

- ❖ Abstracts at the unit level
 - ❖ Written by the author

- ❖ DOIs – direct to article
 - ❖ Seamless linking between journals

- ❖ Databases
 - ❖ Search features



Implications for Publishers

- ❖ Metadata matters (descriptive)
- ❖ Being part of branded collection
- ❖ Indexed by discovery tools:
 - Summon, EBSCO, ExLibris, OCLC
- ❖ Semantic advantage



Thank You

Judy Luther
President, Informed Strategies LLC
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