#### **EBSCO Discovery Service**

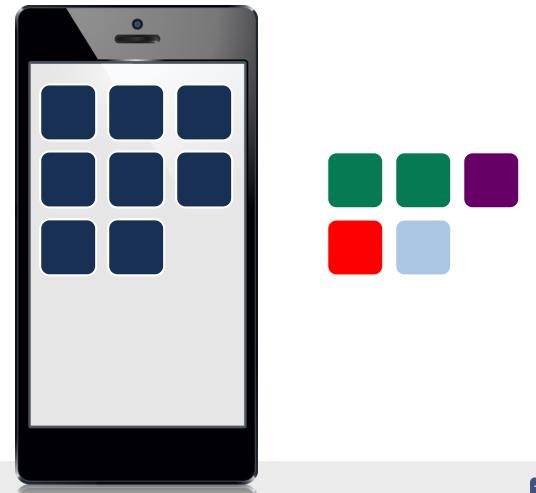
Claus Wolf (cwolf@ebsco.com)
Manager, Discovery Service Engineering
May 2016



# We want EBSCO Discovery Service to be the most open Discovery Service available



#### You exercise choice all the time

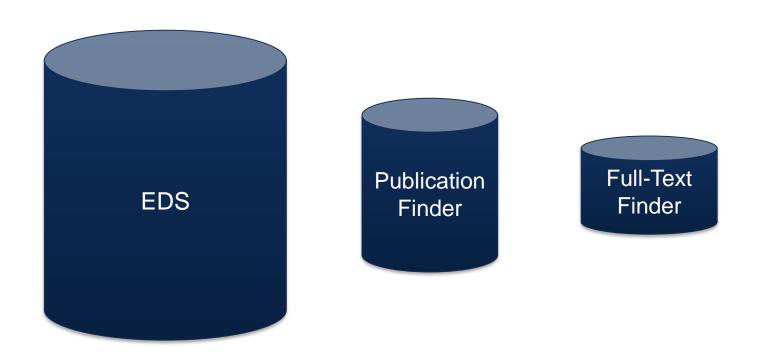




## That's why EDS is a modular solution



### EDS represents three intertwined systems

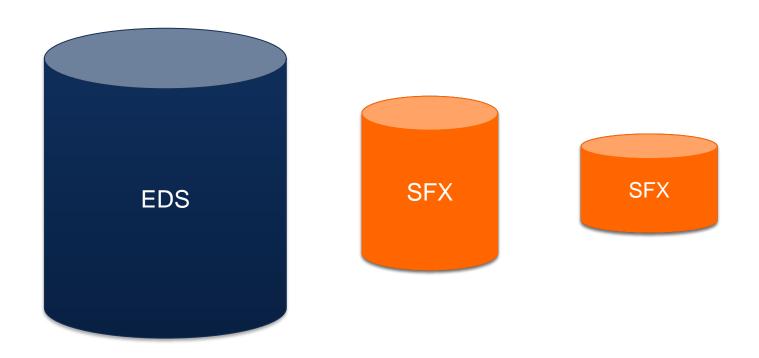




## To us providing a modular solution means being open

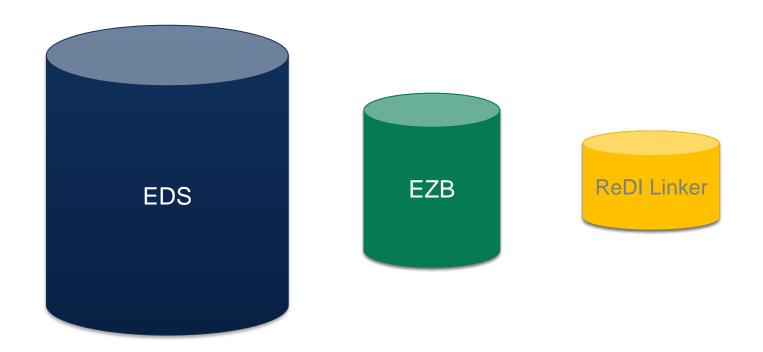


## EDS represents three intertwined systems





### EDS represents three intertwined systems



EZB = Elektronische Zeitschriftenbibliothek ReDI Linker = OpenURL Resolver by Baden-Württemberg Consortium



## We embrace OpenSource & collaborate with others



#### **Technology Partnerships**



































**เมรา** ระบบห้องสมุดอัตโนมัติ









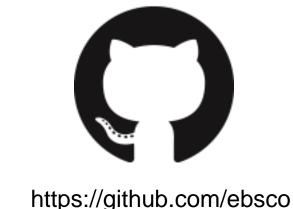


A small sampling of the many EBSCO Discovery Service Technology Partners we have



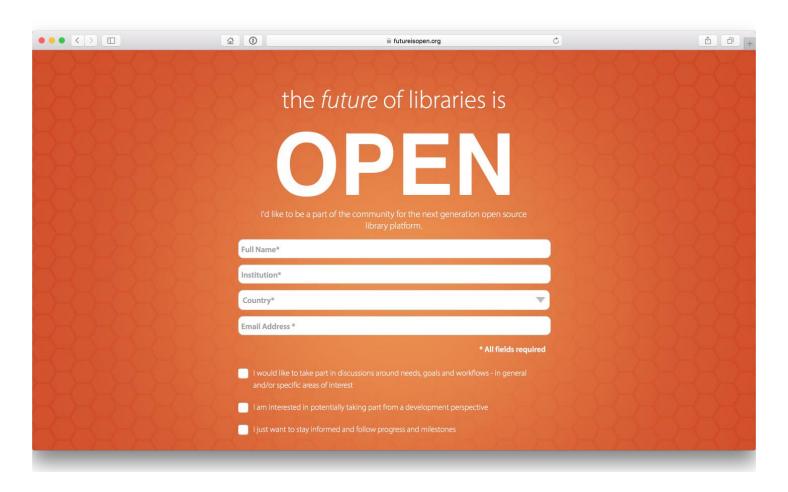
## Active support & participation in the OpenSource community

- Koha
  - EDS Module
  - Funding for Elasticsearch
- VuFind
  - EDS Modul
  - Participation in Conferences
- Drupal
  - EDS Modul
- •





## Futureisopen.org: Open Source Library Service Platform

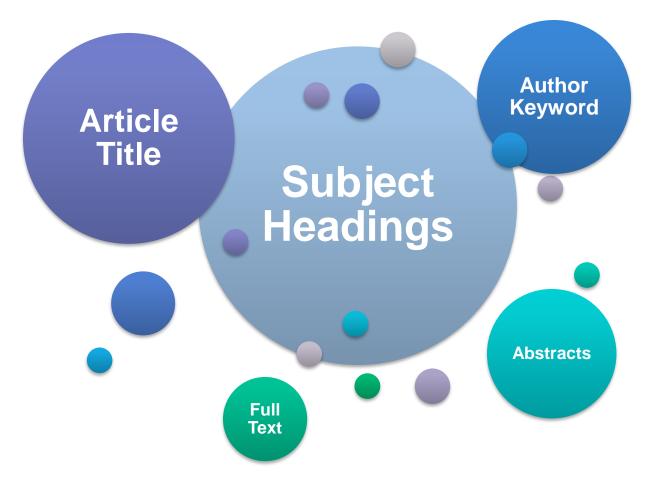




## How can we help your users find more relevant results?



#### Relevance



**Exact Matches:** Exact matches are favored over partial matches – considering also the field in which those words appear (abstract vs. full text vs. title, etc.)

**Density:** Matches across multiple metadata fields are favored for relevance scoring (more is better). The scoring influence of repeat terms within individual metadata fields is minimized.

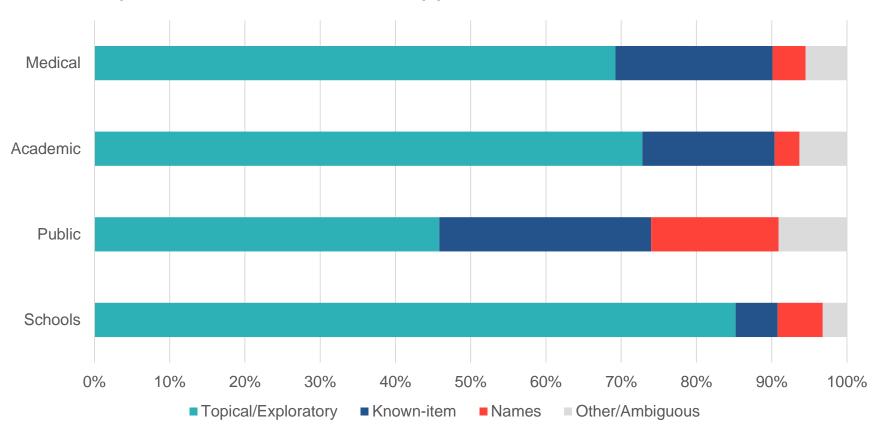


## Enhanced Subject Precision



#### **Topical Search Dominates**

Topical search dominance applies to all markets/searches



Based on one-week sample of randomly selected EDS search queries by market (Sept-2014)

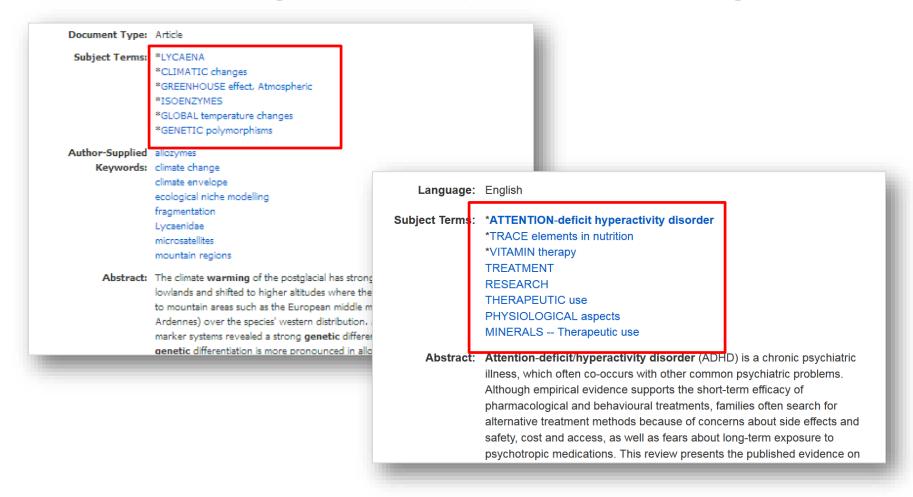


#### What is it?

Enhanced Subject Precision is a relevance ranking enhancement for topical searches, the most common type of searching on EDS.



#### **EDS Strength: Subject Indexing**

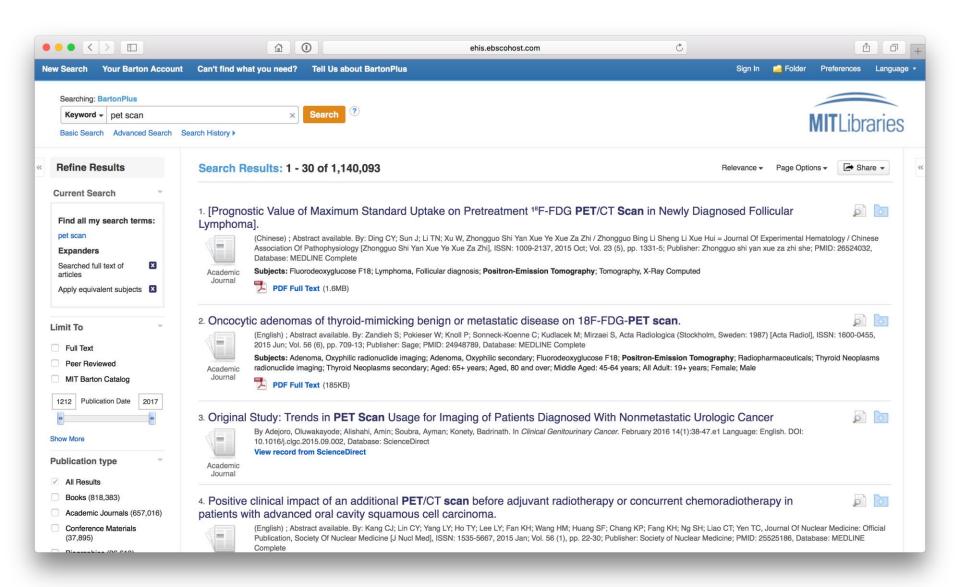




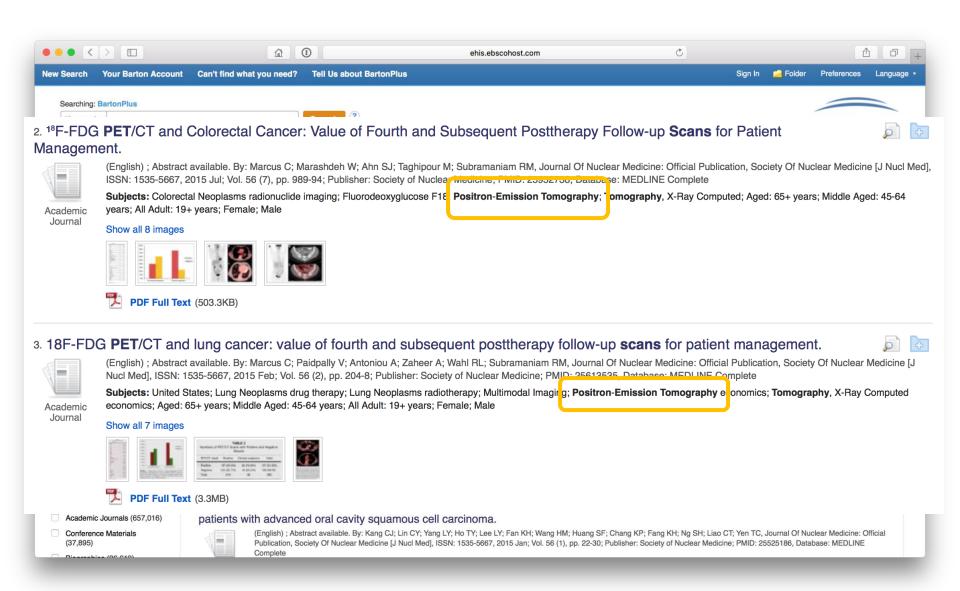
#### **Problem: Missed Connections**

Topical Query	Subject Indexing in EDS
adhd	Attention-deficit hyperactivity disorder Attention deficit disorder with hyperactivity
atarax	Hydroxyzine (Drug) Hydroxyzine
tumors	Tumours Neoplasms Neoplasms, cystic, mucinous, and serous
PET scan	Positron Emission Tomography Tomography, Emission-Computed Emission Tomography











#### What it isn't

Enhanced Subject Precision is **not** simplistic keyword expansion.

Keyword expansion increases hit count, but does little to improve search precision, which is what matters most.



#### **Databases Supported since late 2015**

- Academic Search
- Business Source
- Medline
- PsycINFO
- MLA
- HeinOnline
- ATLA Religion DB

- CINAHL
- GeoRef
- MathSciNet
- AGRICOLA
- L'Annee Philologique
- Petroleum Abstracts
- EconLit

Plus many more databases planned for 2016!



## Improved Relevancy by Anticipating User Intent



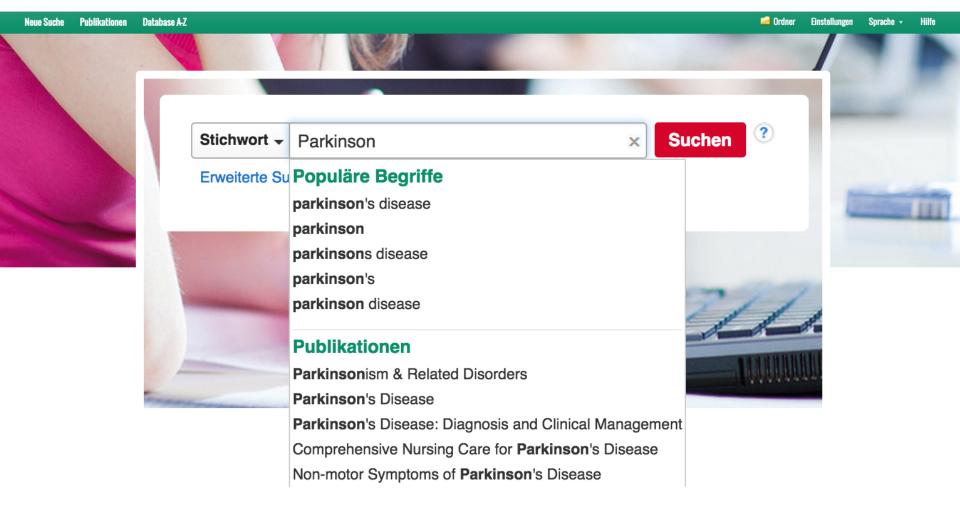
#### Autocomplete





#### OtzSearch - Entdecke die Bibliothek







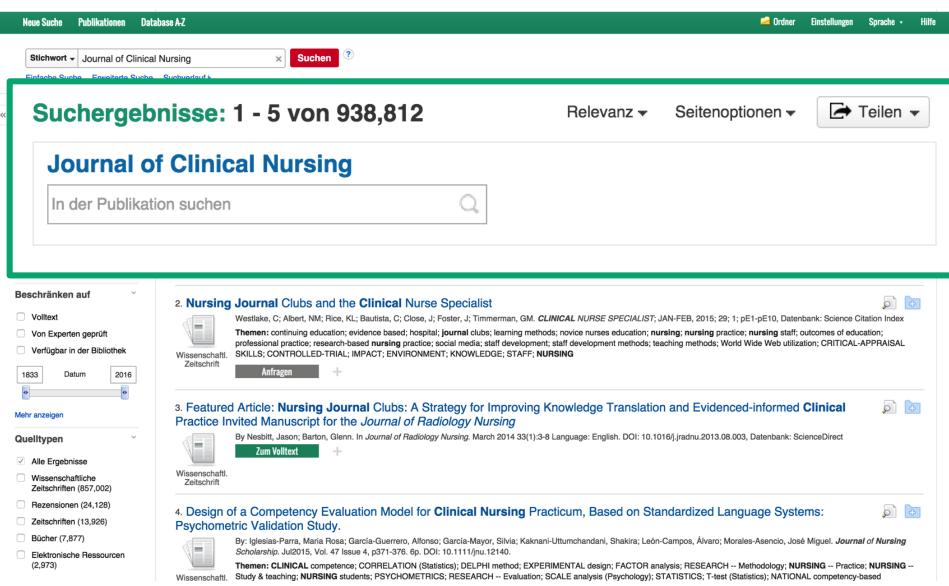
#### **Exact Match Placard**





#### OtzSearch - Entdecke die Bibliothek







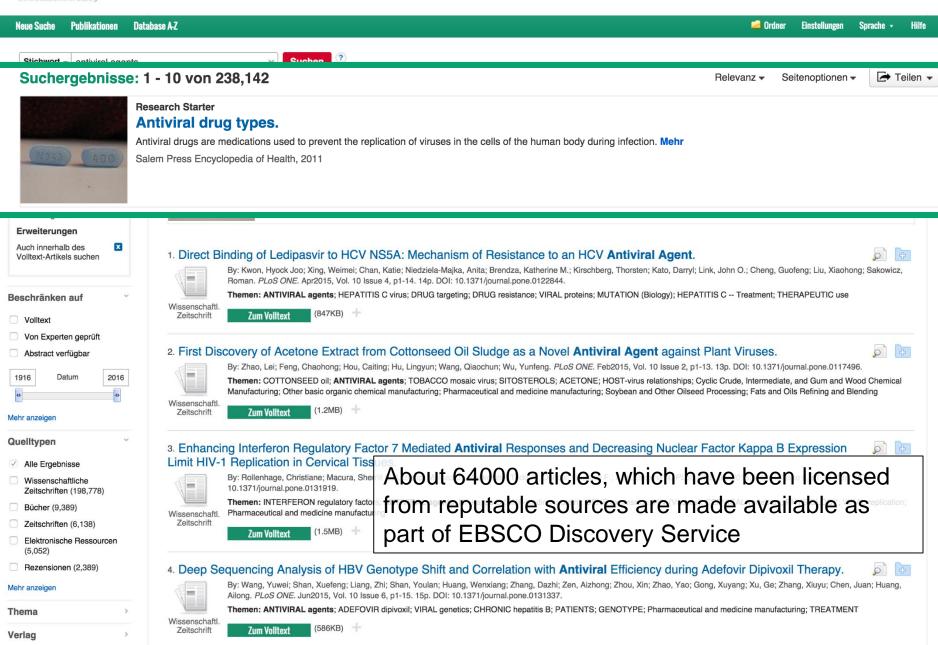
#### Research Starters





Dublikation

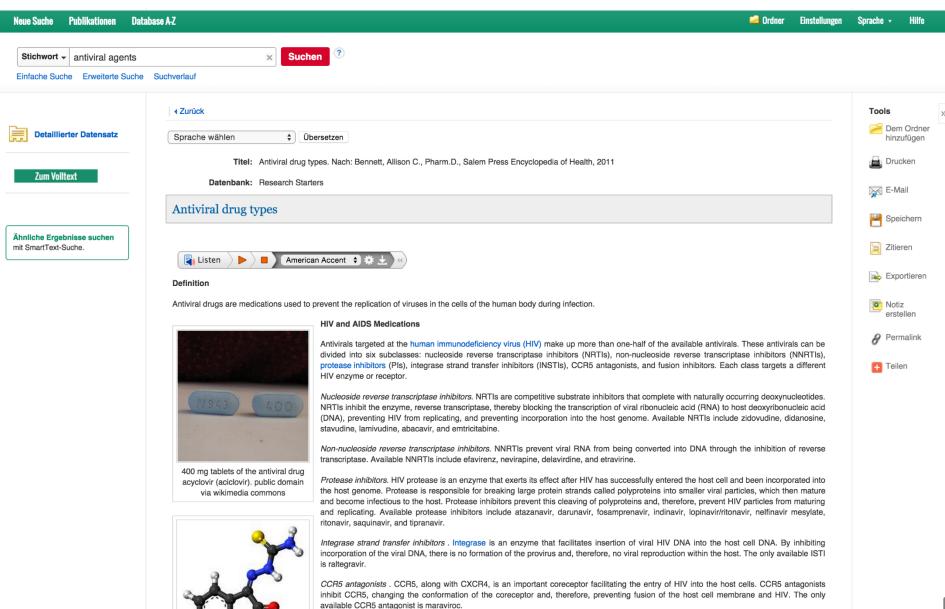
#### OtzSearch - Entdecke die Bibliothek





#### OtzSearch - Entdecke die Bibliothek



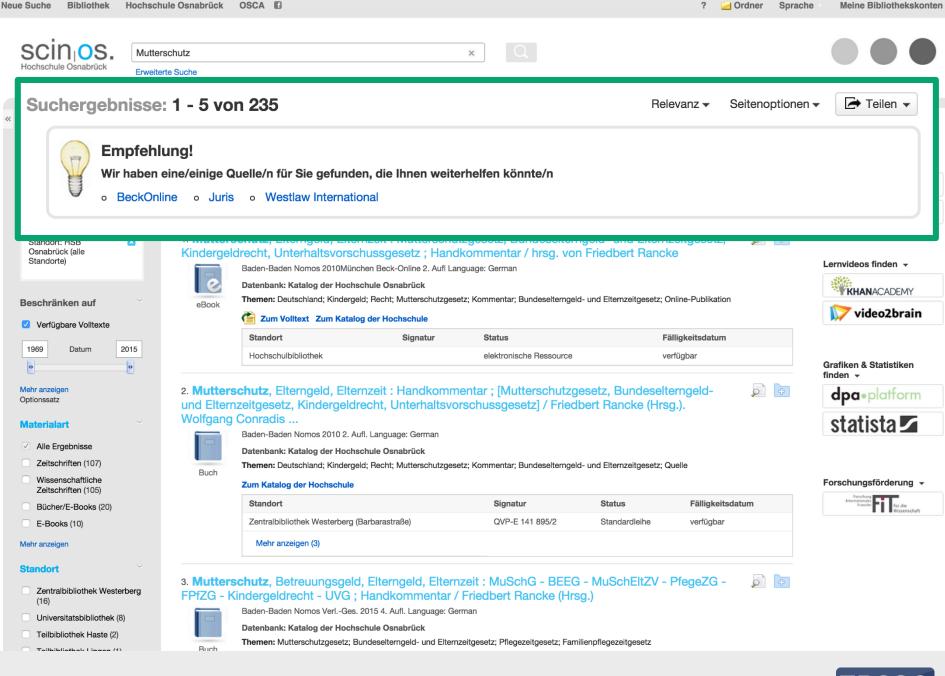


Fusion inhibitors. Fusion inhibitors bind to the viral envelope glycoprotein and block the conformational change that, if carried out, would result

in the fusion on the HIV viral and host cell membrane. The only available fusion inhibitor is enfurvirtide.

#### **Item Matcher**







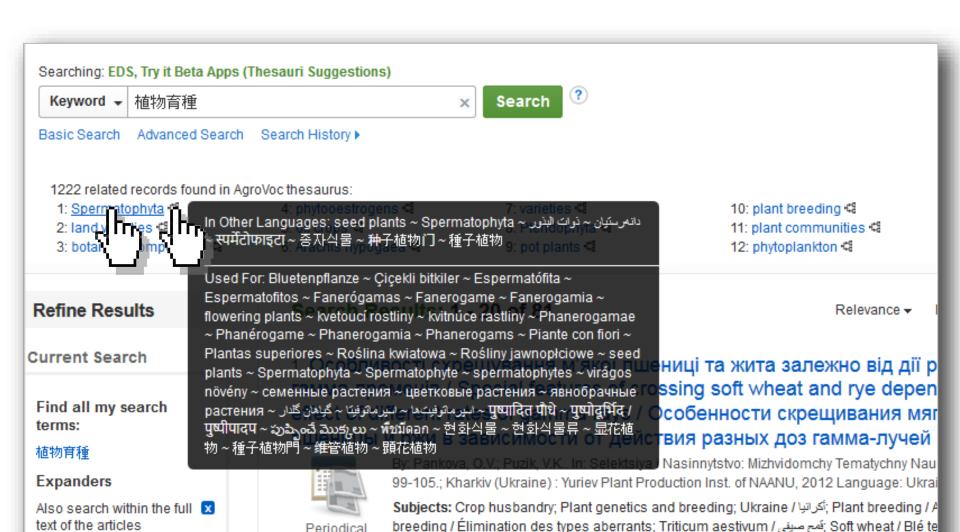
# Improve Relevancy by including your own Thesauri

e.g. AgroVoc



#### AgroVoc Example



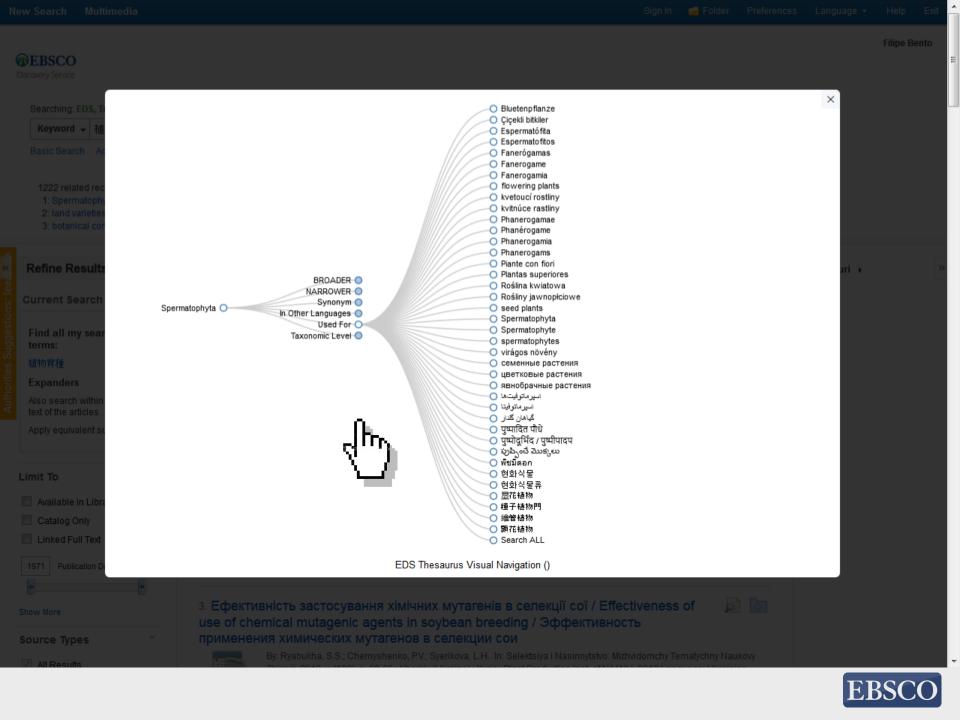


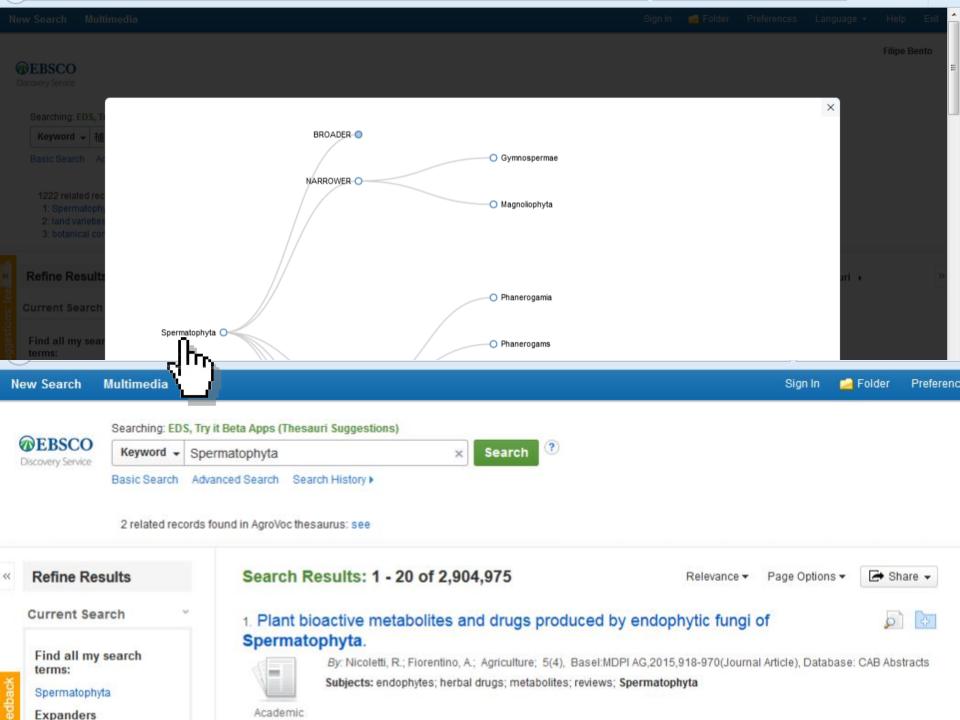
irradiation / Irradiation gamma; High yielding varieties / Variété à haut rendement; Crop yie

Periodical

Apply equivalent subjects X







## Increased user satisfaction by customizing EDS to your user's needs





#### KuBl - Entdecke die Bibliothek





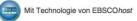
Welche Quellen werden durchsucht

Tipps & Tricks

Tutorial

Seitenanfang

Mobile Website | iPhone- und Android-Apps | EBSCO-Supportseite | Datenschutz | Nutzungsbedingungen | Urheberrecht | Wenden Sie sich an uns



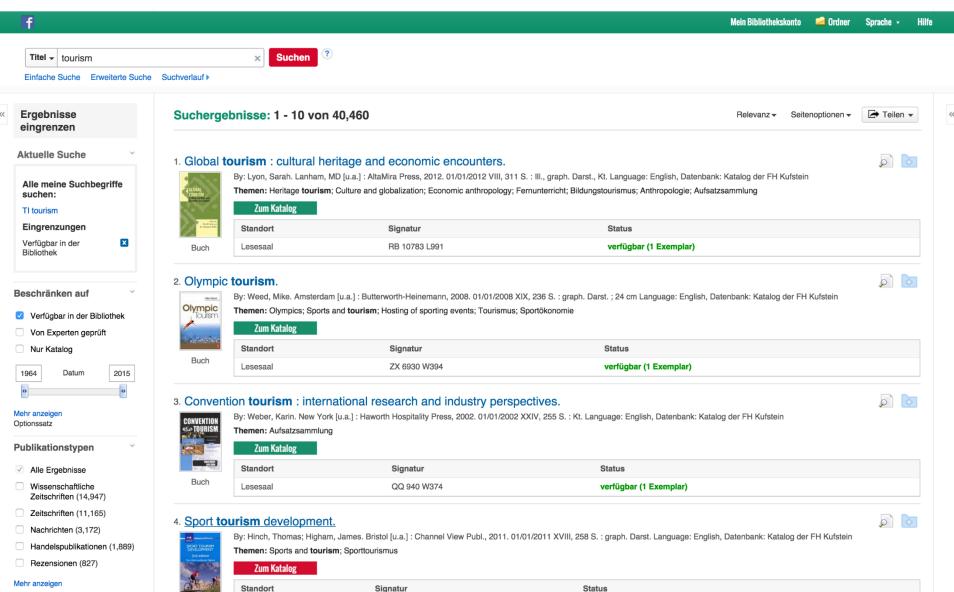
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#### KuBI - Entdecke die Bibliothek



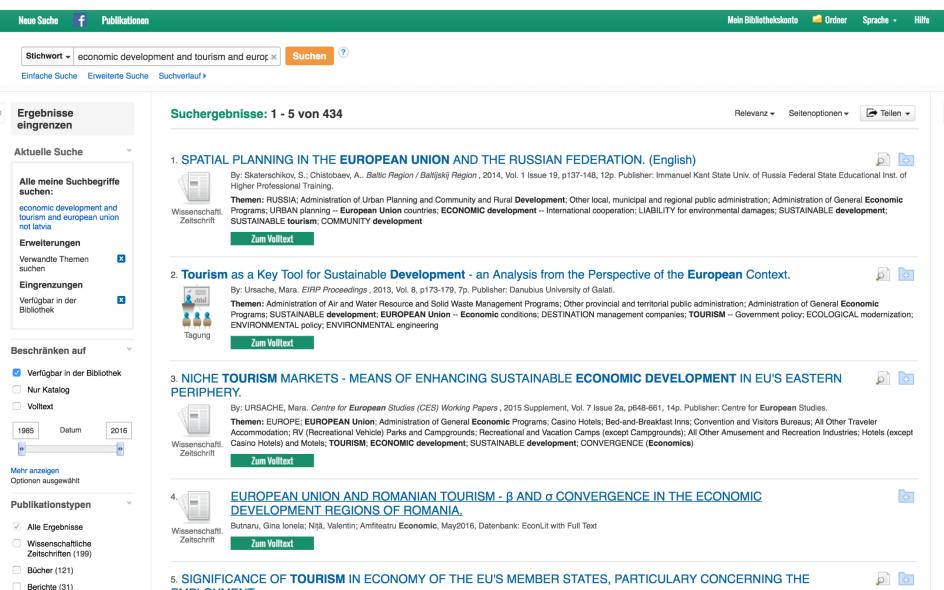






#### KuBI - Die Bibliothekssuchmaschine



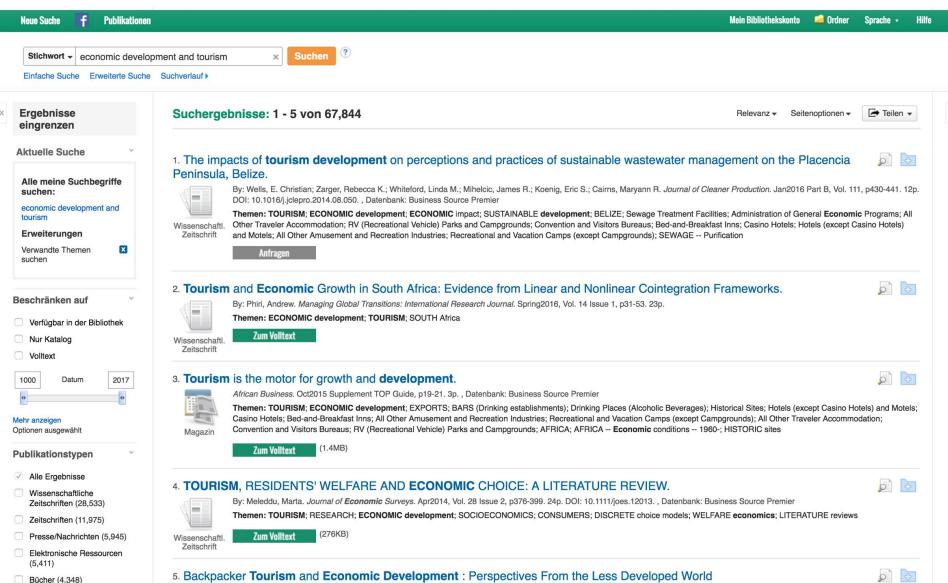






#### KuBI - Die Bibliothekssuchmaschine





Control Contro



## Děkuji! Otázky?

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May 2016

