# **DDC** in **Discovery systems & other** public catalogues

— Today and in the future



025.431094

Deweys desimalklassifikasjon--Europa



# Make Dewey work harder!



Joan Mitchell



#### IFLA LRM user tasks

#### IFLA Library Reference Model

- Find
- Identify
- Select
- Obtain
- Explore

OPACs should meet the information seeking needs of a wide range of end-user and intermediaries working on behalf of end-users

The end users generally do not know Dewey, but the librarians (intermediaries) do!

Where does that leave us?



# Classification numbers are access points for WEMI-entity Item



Carthage at war: punic armies c. 814-146 bc Hall, Joshua R 2023

All items out on loan

#### Location

Sign in to request books on loan. Sign in



0 requests on 1 loanable copies.

#### **UNIVERSITY LIBRARY**

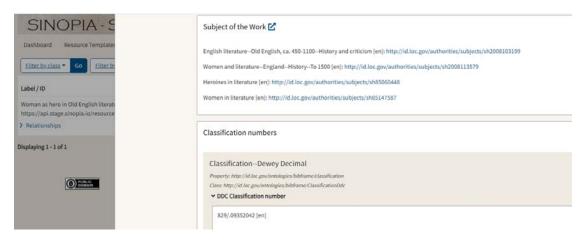
The resource is located in the collection Study Hall DDK, under 355, 309 397 3 Hal.



	Status	Policy
×	On loan until 2023-05-14	30 days



# Classification numbers are attributes of Work (denoting the subject)



=> OPACs and discovery systems should **make Dewey work hard** to allow for subject searching and exploration of the catalogues!



# **Searching by subject**

- Classification gives structure and a hierarchy to subjects
- Often best to combine subject headings and classification
- Sometimes classification is the only means of searching by subject
  - The Swedish Subject Headings 2002-
  - Earlier: Search by classification or automated keywords derived from classification
- Be specific if possible!
- Libris
  - 616.994 Cancer -- humans -- medicine
  - DDCT:616994 subject:lung\* SAME subject:SAO
  - DDCT:616994 lung\*





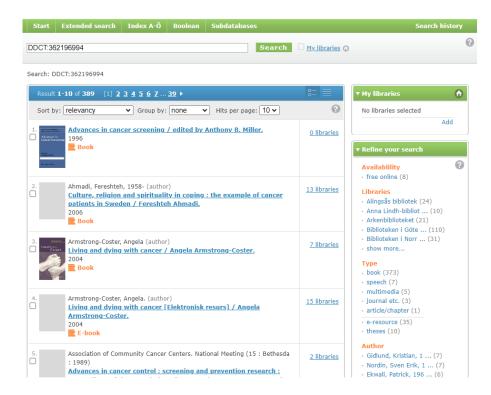
# Classification gives structure

Sökterm (engelska/svenska) eller DDK-nummer:  DDK:s huvudklasser					
	DDK:s huvudklasser				
<u>3</u> 00	Samhällsvetenskaper	0	1177790		
<u>36</u> 0	Sociala problem & sociala tjänster	0	159786		
362-363	Särskilda sociala problem och tjänster	218	105429		
<u>362</u>	Sociala problem och sociala tjänster till grupper	<u>141</u>	<u>49615</u>		
<u>362.1-362.4</u>	Personer med sjukdomar och funktionsnedsättning	<u>11082</u>	<u>34385</u>		
<u>362.1</u>	Personer med fysiska sjukdomar	<u>6611</u>	<u>17111</u>		
362.11-362.19	Medicinska tjänster	<u>1976</u>	<u>6447</u>		
362.19	Tjänster för patienter med särskilda behov	<u>10</u>	<u>3175</u>		
362.196-362.198	Särskilda behov	21	<u>3157</u>		
362.1969	Smittsamma sjukdomar	<u>29</u>	1054		
362.196994	Cancermänniskorsociala tjänster,	<u>84</u>	376		
362.1969941	Kardiovaskulāra sjukdomarmānniskorcancersociala tjānster	0	19		
362.1969942	Respiratory tract diseases—humans—cancer	0	6		
362.1969943	Matspjälkningssjukdomarmänniskorcancer	0	<u>25</u>		
362.1969944	Hormonsjukdomarmänniskorcancer	4	<u>79</u>		
362.1969946	Genital diseaseshumanscancer	0	<u>43</u>		
362.1969947	Musculoskeletal diseaseshumanscancer,	0	8		
362.1969948	Nervous system diseaseshumanscancer	0	28		

### From WebDeweySearch to Libris

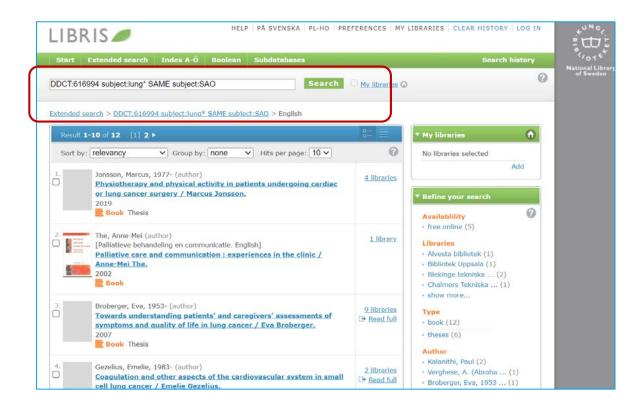
LIBRIS /

HELP | PÅ SVENSKA | PL-HO | PREFERENCES | MY LIBRARIES | CLEAR HISTORY | LOG IN





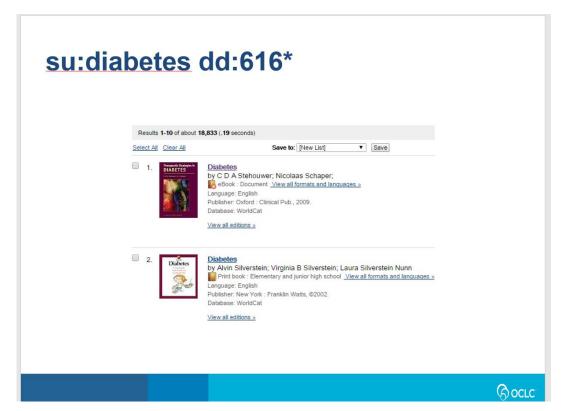
# Libris combined search DDC & Subject



- DDCT:6166994
- DDC:616.6694



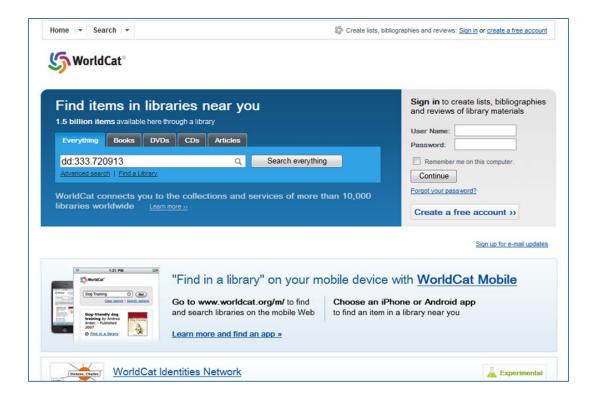
# WorldCat: su:diabetes dd:616\* - not possible today



Juli Beall EDUG 2017

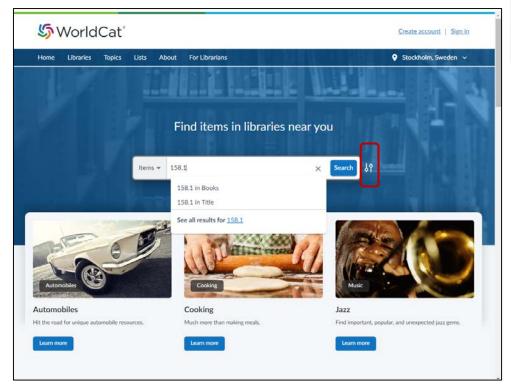


### WorldCat – earlier version





# **WorldCat** – today

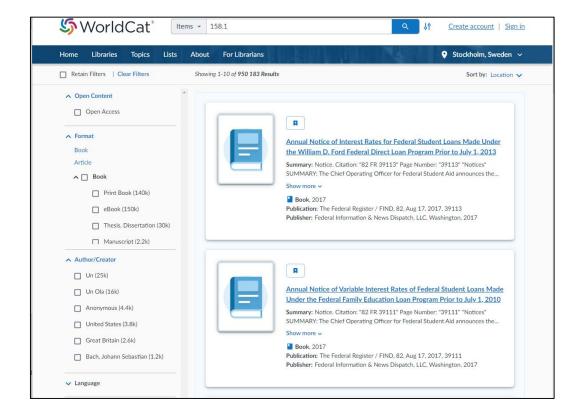




Search by DDC no longer possible

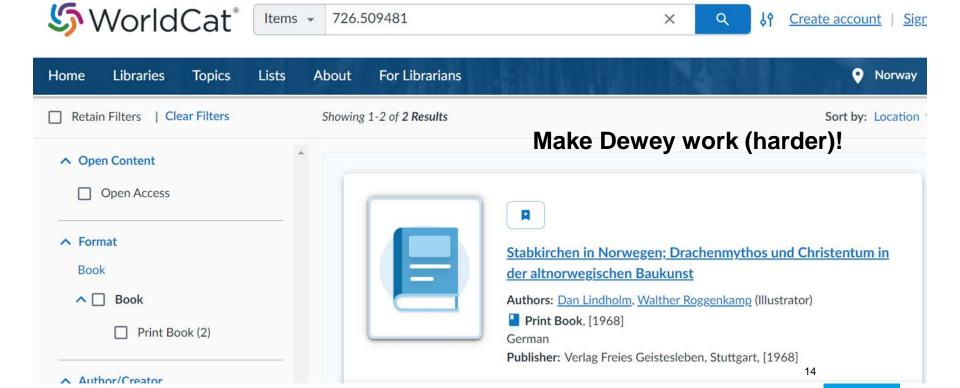


#### **WorldCat** – result list

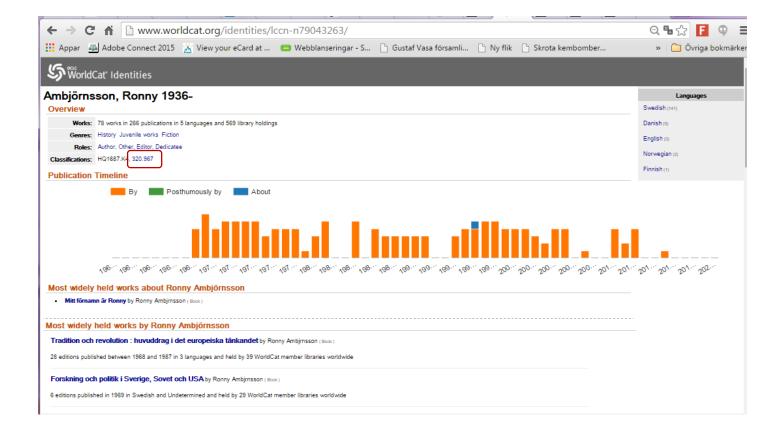




### Yet it sometimes work...

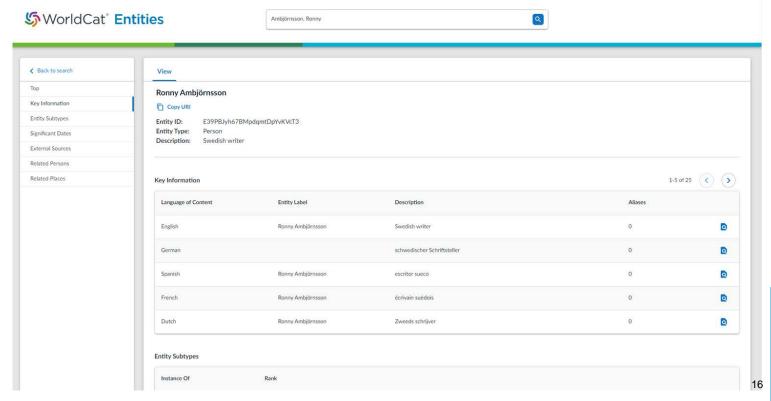


### **WorldCat Identities**





### **WorldCat Entities**



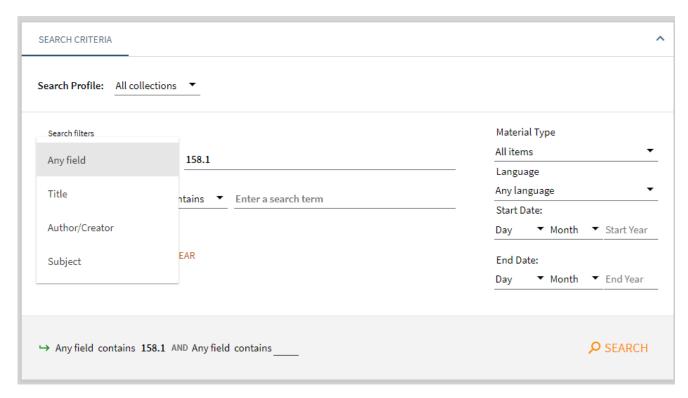


## **Discovery systems**

- The distinction between a Web-OPAC and a discovery system is getting increasingly blurred
- OPACs are traditionally restricted to library holdings only, whereas discovery systems may also include bibliographic data for items not held by the library
- In discovery systems metadata comes from various sources, many do not have classification codes or subject headings
- Does this indicate that searching for classification is relevant in OPACs but not in discovery systems?
- Let us look at some examples...

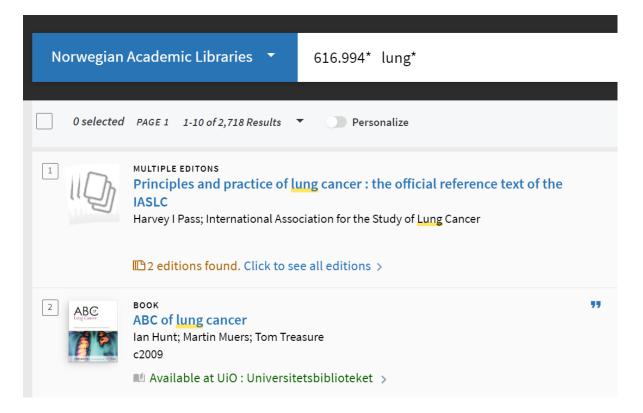


# Discovery system (Primo)





# Oria - Norwegian academic libraries - simple search (1)



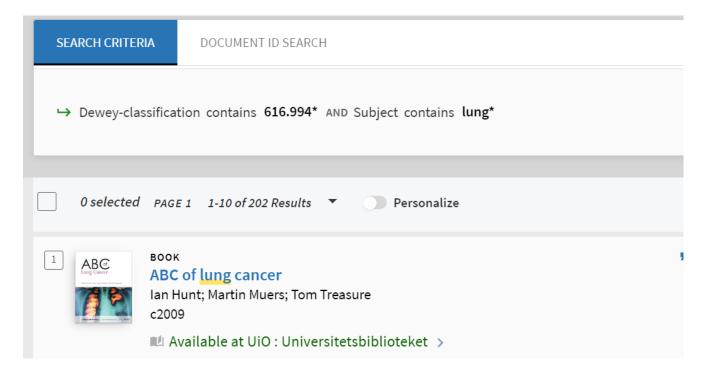


## Oria - advanced search (2)

**SEARCH CRITERIA** DOCUMENT ID SEARCH Search Scope: Norwegian Academic Libraries Search Filters Dewey-classification ▼ contains 616.994\* AND ▼ Subject ▼ contains ▼ lung\*



## Oria search result (3)

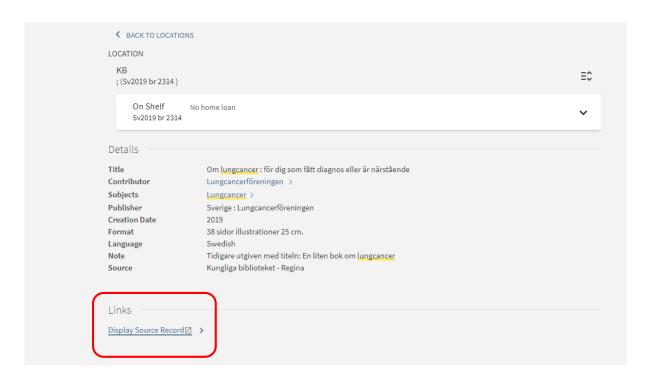


# Are DDC codes visible in detailed **display?** - **(1)**

Details ^ TOP In Oria - yes Title ABC of lung cancer Co-author/Contributor Ian Hunt > **GFT IT** Martin Muers > SEND TO Tom Treasure > Statement of edited by Ian Hunt, Martin Muers, Tom Treasure CONTENT DESC... responsibility Publisher Wiley-Blackwell/BMJ Books **DFTAILS** Place of publication Chichester OTHER RESOUR... **Creation Date** c2009 Format VIII, 55 s. ill. VIRTUAL BROWSE Series ABC series > Language English Dewey 616.99424



# Are DDC codes visible in detailed display? (2)

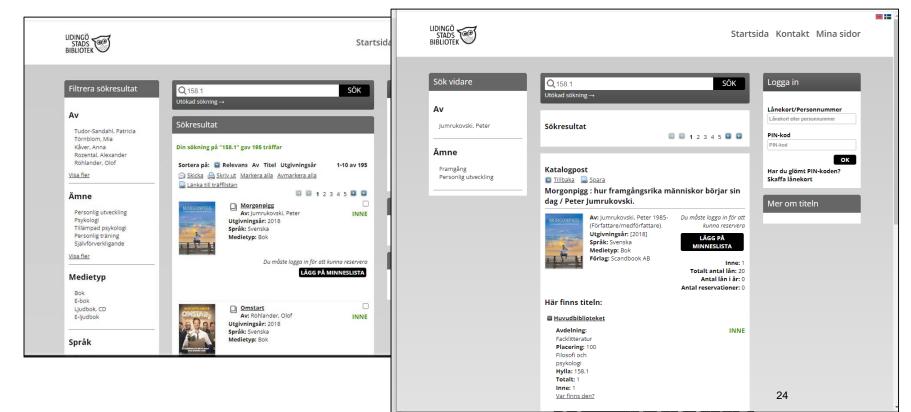


In KB Discovery System (Swedish National Library)

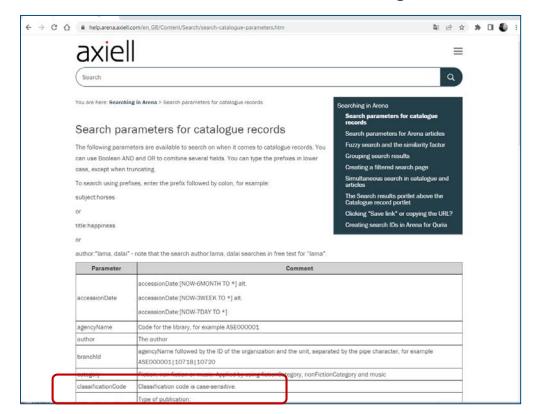
- Less visable



# Public libraries - Lidingö (Sweden)



# Advanced search by codes



classificationCode:158.1

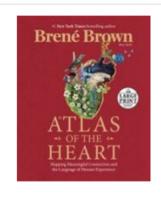
Arena and BOOKIT-PUB

Too complicated? For public libraries? For end users?



### **Public libraries - Asker (Norway)**





# Atlas of the heart : mapping meaningful connection and the language of human experience

Brown, Brené

Hylleplass: 158.1 B

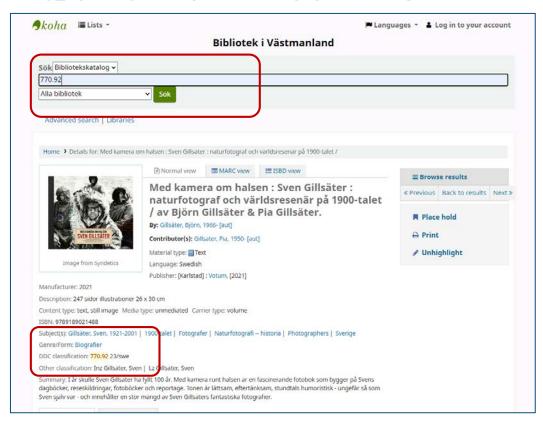
Bok · Engelsk · [2021]

men **1 ledig** på Sætre bibliotek

Bestill...



#### **Public libraries - Koha**



Flexible system, but still ... Libraries in Västmanland:

- Search for DDC
- View DDC
- Advanced Search
  - Call number, but not classification



# How to make Dewey work harder in discovery systems/OPACs

- Appreciate that subject searching is an important feature of the catalogue
- Appreciate that subject searching is complicated and the least fulfilling part when it comes to meeting the user needs
- Leave Dewey search as an option (preferably behind the scene from end users)
- Allow for combined searches (subjects + DDC)
- Give higher priority to subjects when ranking results
- Dewey as linked data

#### In mapped vocabularies:

- Consider search expansions to DDC when searching for a topic (Dewey behind the scene)
- Consider using the relationship types (=EQ, BM etc) for more relevant ranking



# Thank you!





