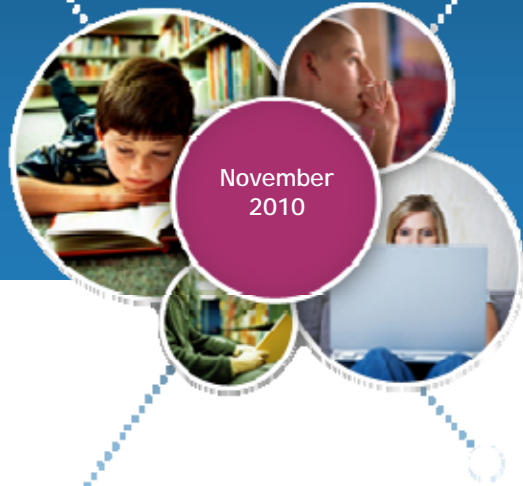


# GLIMIR: Its Potential Impact



Janifer Gatenby

# Worldcat.org today

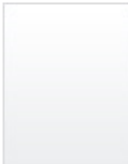

grosse naturforscher lenard Search

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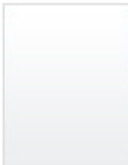

**forscher lenard'**

Results 1-10 of about 12 (.08 seconds) << First < Prev 1 2 Next >

[Select All](#) [Clear All](#) Save to: [New List] Save Sort by: [Relevance] Save Search

1.  [Grosse Naturforscher. Eine Geschichte der Naturforschung in Lebensbeschreibungen ... Dritte, vermehrte Auflage. Mit 70 Bildnissen.](#)  
by Philipp Lenard  
 Book  
Language: English  
Publisher: München, 1937.

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2.  [\[Grosse Naturforscher.\] Great Men of Science. A history of scientific progress ... Translated from the second German edition by Dr. H. Stafford Hatfield, etc. \[With plates.\]](#)  
by Philipp Lenard; Henry Stafford HATFIELD  
 Book  
Language: English  
Publisher: G. Bell & Sons: London, 1933.

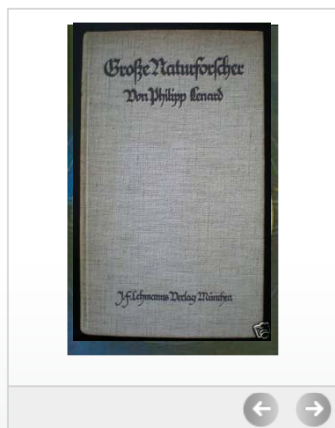
- \* Only retrieves 12 records (there are 52)

  - \*includes perceived duplicates but also those from different works

- \* Blank thumbnail for each record makes browsing difficult with results over too many pages

- \* Results are different if you search for a translation "Great men of science" (22 records are retrieved)

# Worldcat.org with work pages without GLIMIR



## Große naturforscher by Philipp Eduard Anton Lenard,

**52** editions in **2** languages, held by **20,567** libraries

### Table of Contents

Acknowledgments —Introduction /by Carl Sagan —[ch.] 1. Our picture of the universe —[ch.] 2. Space and time —[ch.] 3. The expanding universe —[ch.] 4. The uncertainty principle —[ch.] 5. Elementary particles and the forces of nature —[ch.] 6. Black holes —[ch.] 7. Black holes ain't so black —[ch.] 8. The origin and fate of the universe —[ch.] 9. The arrow of time —[ch.] 10. The unification of physics —[ch.] 11. Conclusion —Albert Einstein —Galileo Galilei —Isaac Newton —Glossary —Index.

### Formats



[Find Any Edition In A Library](#)

### Editions

**52** editions in **2** languages, held by **20,567** libraries

[View All Summaries, Tables of Contents and Abstracts](#)

52 descriptions (sorted by date?)

Edition count is wrong (32 or fewer is the real total)

Apparent duplicates

- \* those that could not be confidently de-duplicated
- \* sparse records
- \* foreign language descriptions
- \* reprints

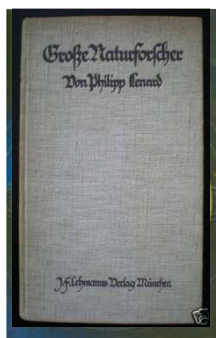
[A brief history of time : from the big bang to black holes / Stephen W. Hawking ; introduction by Carl Sagan ; illustrations by Ron Miller.](#)

London :Bantam,

Date	Lang	Format	Libraries
1988	English	📖	4406
1998	English	📖	1152
1996	English	📖	1131
1988	English	📺	543
1988	English	📺	465
1988	English	📖	429
1988	English	📖	399
1988	English	📖	349

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# Worldcat.org with GLIMIR



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### Formats



[Find Any Edition In A Library](#)

Title	Publisher/s	Dates of public'n	Size	Formats	Holdings	Description languages
Große naturforscher	J.F. Lehmann,	1929	324p.	print	5,000	eng, dan, ger
Große naturforscher	J.F. Lehmann,	1930	332p.	print, electronic	6,000	eng, ger, dan, dut, spa
<a href="#">Great men of science</a>	Bell, Macmillan	1929-1970	389p.	print, electronic, microform	7,000	eng, dan, fre, ger
Große naturforscher	J.F. Lehmann,	1937	344p.	print	1,000	eng, ger, slv
Große naturforscher	J.F. Lehmann,	1941-1943	348p.	print, microform	1,567	eng, dan, ger

- FRBR algorithms only compare a few fields
- GLIMIR compares more, e.g. Publisher, pages, identifiers
- GLIMIR trumps (and corrects)
  - if they are the same manifestation they must be the same work
- GLIMIR algorithm improvements
  - 35 cases identified that can be programmed
  - Different cataloguing styles
  - Identification of translations
  - Every work set above 20 has outliers at present

## Perceived duplicates



- Mentioned as a big problem at the CBS partner meeting in September 2010
- Worsening as more European content is loaded
- The DDR program deleted 5 million records but not the perception of duplicates in WorldCat

- As with FRBR, improvements to general matching have been identified; examples:
  - Typo tolerance in pagination
  - Improvements to lists of noise titles
  - Improved language and transliteration sensitivity
  - Interpretation of size, e.g. gr8 = octavo = 22cm = 8in
- GLIMIR complements de-duplication
  - Hides records that are duplicates but cannot be de-duplicated (styles too different, or sparse records)
  - Surfaces holdings, hides less desired descriptions
  - Gives more accurate count of the numbers of manifestations in WorldCat

# Improved discrimination



- GLIMIR uses cast to distinguish different performances of plays, remakes of films, difference performances of music
- Distinguishes narrators of spoken books
- Has strict rules about material type and matching
  - E.g. Electronic text cannot match with electronic sound



- Different descriptions of the same manifestation
  - grouped and only 1 shown (the most appropriate is used)
- Different manifestations that have identical content
  - (e.g. Microform and electronic reproductions)

- Identification of identical content allows the closest appropriate copy to be more easily detected

- GLIMIR will produce 2 new identifiers enabling libraries with OCNs in their catalogues to receive tables
  - OCN and its OWI, ORI and OMI (work, reproduction cluster and manifestation cluster id)
  - Libraries will be able to use these in their interfaces to achieve the same groupings
- Reproduction and manifestation identifiers can be exposed in xID services along with the OWI

- Improved accuracy
  - More holdings equated, so better cooperative collection development
  - fewer “unique” holdings, so surfaces the valuable better

# More than a GLIMIR of Hope 😊

