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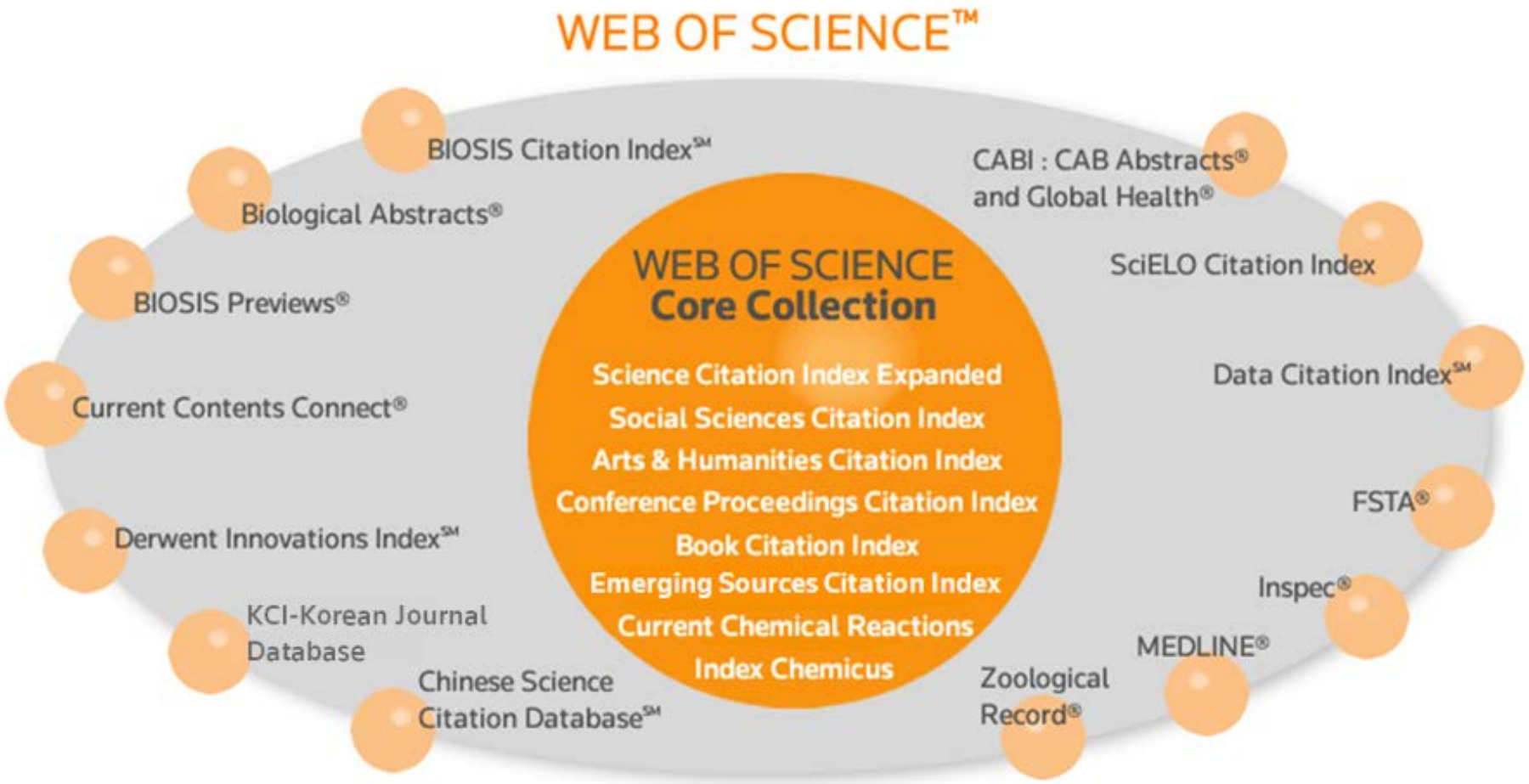
INTRODUCTION



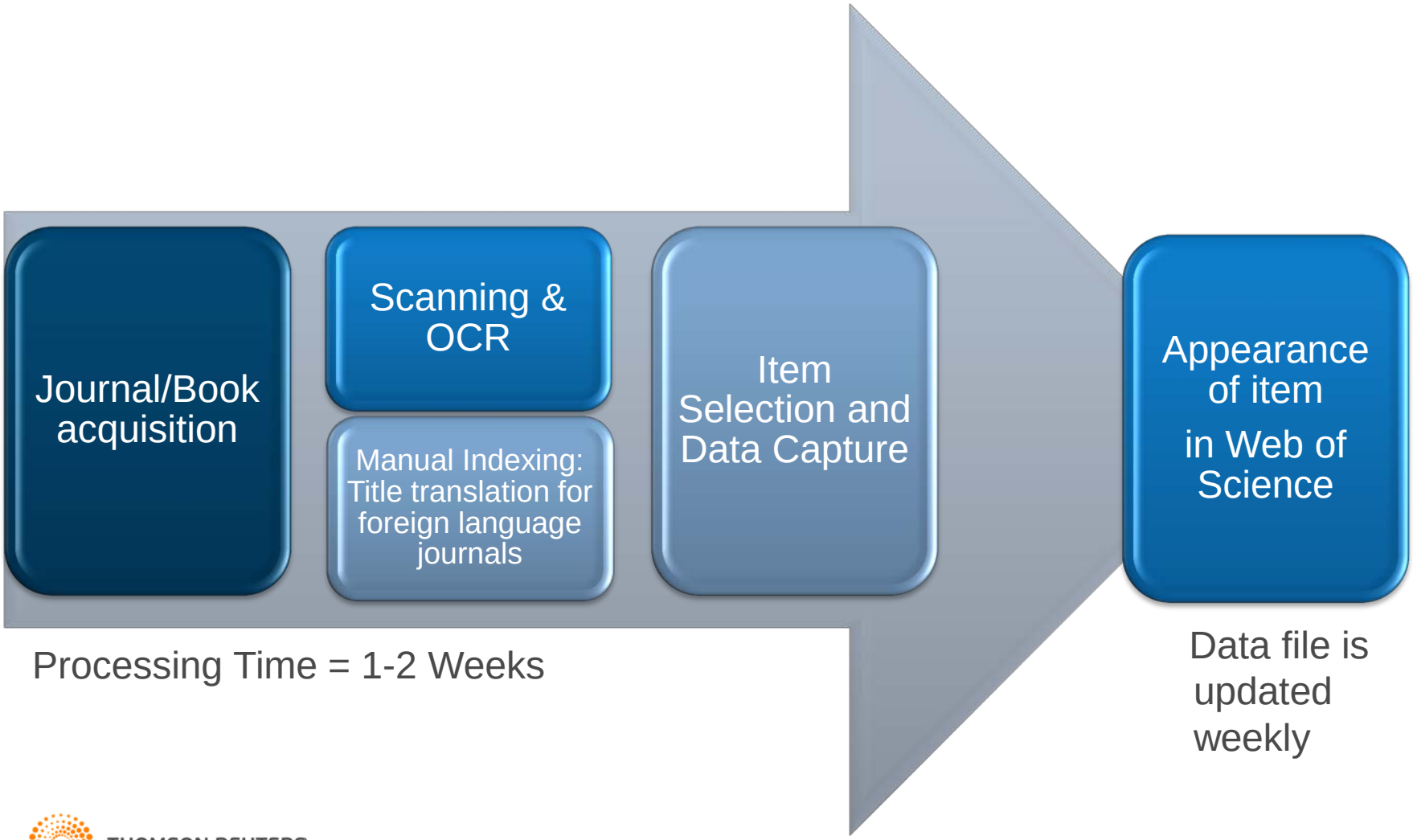
WEB OF SCIENCE™ CORE COLLECTION

- Cover-to-cover indexing of over 8,000 **journals** in the *Science Citation Index-Expanded*
- Over 12,000 **conferences** covered annually in the *Conference Proceedings Citation Ind*ex
- Powerful bibliographic and cited reference search capabilities, together with the benefits of cited reference linking and navigation
- Key attributes:
  - Multidisciplinary
  - International
  - Influential

THOMSON REUTERS JOURNAL SELECTION POLICY

- Publishing Standards
  - Peer review, Editorial conventions
- Editorial content
  - Addition to knowledge in specific subject field
- Diversity
  - International, regional influence of authors, editors, advisors
- Citation analysis
  - Impact Factor (JCR)
  - Editors and authors' prior work

DATABASE PRODUCTION AND EXTRACTION



Processing Time = 1-2 Weeks

Data file is updated weekly

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Balance between facilitation and resource competition determines biomass-density relationships in plant populations

By: Chu, CJ (Chu, Cheng-Jin)[1]; Maestre, FT (Maestre, Fernando T.)[2]; Xiao, S (Xiao, Sa)[1]; Weiner, J (Weiner, Jacob)[3]; Wang, YS (Wang, You-Shi)[1]; Duan, ZH (Duan, Zheng-Hu)[4]; Wang, G (Wang, Gang)[1]

Hide ResearcherID and ORCID

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Organization-Enhanced Name(s)

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NSF	DEB-0553768
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Close funding text

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Citation Network

47 Times Cited

48 Cited References

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The complete author abstract is indexed and searchable.

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Funding Agency, Grant Number, and Funding Acknowledgement are captured from 2008 onward.

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Cited References: 48

Balance between facilitation and resource competition determines biomass-density relationships in pl...More

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1. **The role of positive interactions in communities: Lessons from intertidal habitats**
   By: Bertness, MD; Leonard, GH
   ECOLOGY Volume: 78 Issue: 7 Pages: 1976-1989 Published: OCT 1997
   View Abstract
   Times Cited: 271 (from Web of Science Core Collection)

2. **INTRASPECIFIC COMPETITION AND FACILITATION IN A NORTHERN ACORN BARNACLE POPULATION**
   By: BERTNESS, MD
   ECOLOGY Volume: 70 Issue: 1 Pages: 257-268 Published: FEB 1989
   Times Cited: 140 (from Web of Science Core Collection)

3. **Climate-driven interactions among rocky intertidal organisms caught between a rock and a hot place**
   By: Bertness, MD; Leonard, GH; Levine, JM; et al.
   OECOLOGIA Volume: 120 Issue: 3 Pages: 446-450 Published: AUG 1999
   View Abstract
   Times Cited: 64 (from Web of Science Core Collection)

9. Title: [not available]
   By: Callaway, R.M.
   Positive interactions and interdependence in plant communities Published: 2007
   Publisher: Springer, Dordrecht, the Netherlands
   Times Cited: 241 (from Web of Science Core Collection)

10. Title: [not available]
    By: Cheplick, GP.
    Population biology of grasses Published: 1998
    Publisher: Cambridge University Press, Cambridge
    Times Cited: 13 (from Web of Science Core Collection)

11. **Facilitation and competition on gradients in alpine plant communiti**
    By: Choler, P; Michalet, R; Callaway, RM
    ECOLOGY Volume: 82 Issue: 12 Pages: 3295-3308 Published: DEC 2001
    Times Cited: 271 (from Web of Science Core Collection)

Cited References in plain text are citations to items outside of your coverage; to items not indexed in Web of Science™ Core Collection (books, etc.); or to items that have been cited incorrectly by the author (cited reference variants).

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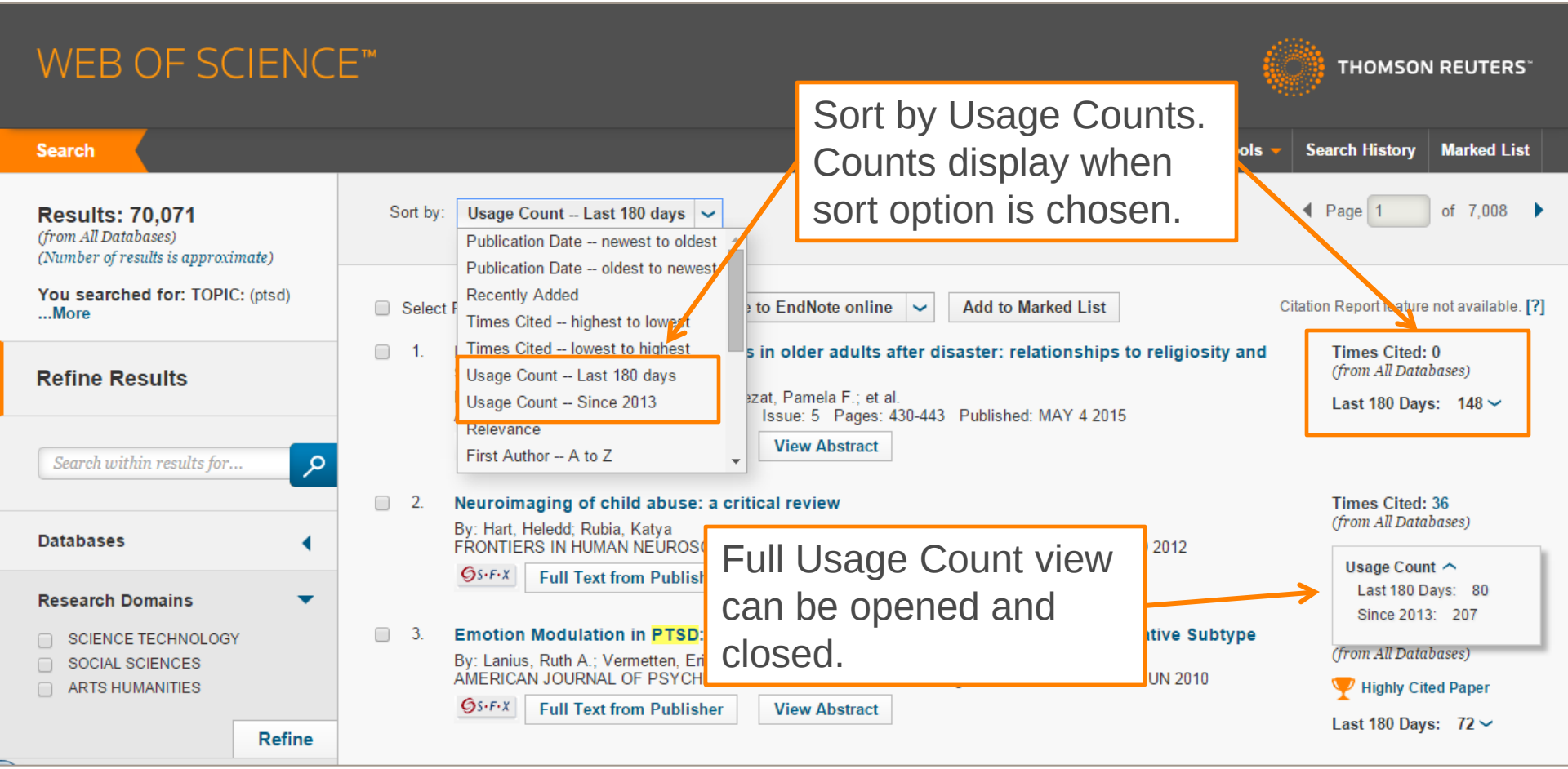
ITEM LEVEL USAGE METRICS



Sort by Usage Counts. Counts display when sort option is chosen.

Full Usage Count view can be opened and closed.

ITEM LEVEL USAGE COUNTS

- Citation activity can lag behind the publication of an article
  - New items may not have been around long enough to accumulate citation activity.
  - Many disciplines show little or no citation activity within a year of publication
- Items in traditionally slow to cite disciplines
  - Math, Civil Engineering, Nursing, Economics, and other disciplines where research accumulates citations slowly, will benefit most from a recognition of "inte
- Items in traditionally low citation dis
  - Romance languages, Rhetoric, Archite

A measure of "usage" on the platform can show "interest" in a publication or a topic prior to, or in the absence of, citation activity.

WHAT DO WE COUNT?

- Counts of reasonable, intentional user actions that indicate user interest in an item on the WoS platform.
  - Click through from records to full-text
    - Full Record, or Results Summary list
  - Exports to bibliographic management tools or into formats for later import into bibliographic management tools
    - Exports from Full Record, Results Summary, Marked List
- Not Counted
  - Batch operations that could indicate analysis of large sets of data (exports to InCites, etc.)
  - API usage
  - Usage activities generated by “bots”

WHAT DO WE DISPLAY?

- Usage Count - Since 2013
- Usage Count - Last 180 Days

Why these time periods?

- We began counting on Feb 1, 2013. All counts for all data began on this day.
- Last 180 Days is a broad enough time window to show a positive count of usage for most items.

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SEARCH

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WILDCARD CHARACTERS (TRUNCATION)

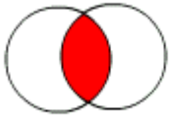
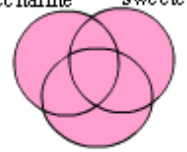
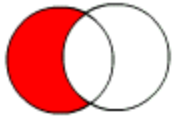
Symbol	Retrieves	Example
*	Zero or more characters	**hydroxy* = hydroxylase hydroxydopamine hydroxyethyl**
?	One character only	**en?oblast = entoblast endoblast**
$	Zero or one character	**eight$ = eight eighth eighty**

PROXIMITY OPERATORS

By default, there is an implied **AND** connecting terms entered as a phrase. Searching a phrase retrieves records that contain all searched terms found in the titles, abstract or key words fields, e.g. **color theory = color AND theory**

Phrase Searching	Exact matches for phrases can be found by searching on terms enclosed in quotation marks. Wildcard characters can be used inside quotation marks. **“color theory” = color theory** **“color* theory” = color theory** **colorful theory**
Near/	Finds terms in the same field; user specifies proximity. Default is 15 words if user does not specify a number. **color near/5 theory = color theory** **theory** of **color** **color** plays a role in this **theory** **theory.** In this way, **color…**
Same	Terms must occur within the same sentence. Use in Address field <u>only</u>.

SEARCH OPERATORS

AND  aspartame cancer	All search terms must occur to be retrieved. **TOPIC: aspartame AND cancer** Retrieves documents that contain both *aspartame* and *cancer*.
OR saccharine sweetener  aspartame	Any one of the search terms must occur to be retrieved. Use when searching variants and synonyms. **TOPIC: aspartame OR saccharine OR sweetener** Retrieves documents that contain at least one of the terms.
NOT  aids hearing	Excludes records that contain a given search term. **TOPIC: aids NOT hearing** Retrieves documents with *aids,* excluding any which also contain *hearing*.

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