

Retrieving entities from publications in linguistics

Sebastian Nordhoff 2018-09-04, HIRMEOS Workshop, SUB Göttingen Language Science Press





-) monograph
- > longer
-) less output than biology for instance
- > less digging
-) Umfrage

How do linguists search for literature

) Umfrage



Language Science Press

The Talking Heads experiment

Luc L. Steels (Author)

Agrammar of Palula

Herrik Liljegren (Author)

The future of dialects: Selected maners

Marie-Hélène Cité, Remco Knoohuben, John Nethorne (Volume Editor)

Eyetracking and Applied Linguistics

from Methods in Dialectology XV

> 75 books; 22 series



Culo l'Volume Editori

structure





syntax2. Word order and syntactic

structure

| Forthcoming: Belträge zur deutschen Grammatik | - |
|--|---|
| Tilmann N. Hohle (Author); Stefan Müller, | |
| Frank Richter, Marga Reis (Volume Editor) | |
| | |
| | - |

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| | - | geralse |
| | _ | Marte lob |
| | | Editori |
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The Bilaneyape: Dictionary and





Grammaticalization in the North:

Noun phrase morphown tes in

New directions in corpus-based

Syntax und Valenz: Zur Modellierung

kohär enter und ellig tischer

Baum adjunktions grammatiken

Forthcoming: Grammaire des

Forthcoming: Empirical modelling of

Hofmann, Bernd Meyer (Volume Editor)

A grammar of Papuan Malar

Scandinavian vernaculars





















N.J. Enfield (Volume Editor)























-) formats
 -) pdf
 -) tex
 -) bib
-) Indexes
 - **)** Language index
 - Subject index
 - Name index

Bootstrapping index sketchengine

LangSci

image composition eye tracking speaking direction typographic identity fixation duration audiovisual translation aesthetic experience title area film material speaker identification film title natural focus text element image track information intake visual attention graphical translation individual placement

title placement bottom-centre area typographic film german image split attention gaze behaviour reading speed film identity typographic film identity tracking research first fixation additional language narrative text eye tracking research

with

LangSci 6/18







) higher goals

) exploration:

Customers who viewed this item also viewed



(The MIT Press)

Basic Formal Ontology





> Liyang Yu







Mindset is Hobbling our...



Ontology Language



Data on the Web David Wood

automated reasoning

```
\mathsf{gene} \longleftrightarrow \mathsf{protein}
\begin{array}{c} \text{protein} \longleftrightarrow \text{disease} \\ \text{gene} \longleftrightarrow \text{protein} \longleftrightarrow \text{disease} \end{array}
```



-) stated goals
 - > enhance discoverability
 - aggregation (word clouds)
 - generate collections
 - highlighting





relevant knowledge bases





linking entities

- \ keywords
-) person names
-) language names
- > concepts



keywords

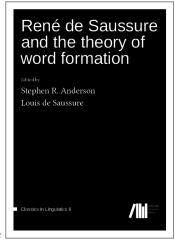
) mixtec

Glottocode: (mixt1425 ISO 639-3: 🔁 mix Map Countries Links Alternative names hhbib lgcode: B. 2009) Meson de Guadalupe Mixtec-Mixtepec San Juan Mixtepec San Juan Mixtepec-Oaxaca lexvo: Mixtepec Mixtec [en] multitree: Eastern Juxtlahuaca Mixtec Mixtec, Mixtepec Mixteco de San Juan Mixtepec Northern Misteko Northern Mixteco

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saussure



A. Lee





language names



komnzo

inallative



GOLD 2010

definition

<u>usage</u>

<u>examples</u>

issues

Inallative Case (Conce

http://purl.org/linguistics/gold/Inallativ

15/18



: Hölzl, Andreas. 2018. "A typology of questions in North-East asia and beyond"



mongolic

5.8 Mongolic

Table 5.85: Spatial deictics in Mongolian according to Janhunen (2012b: 131), slightly reduced

| | PROX (hearer) | DIST | INT |
|---------|---------------|------------|-----------|
| LOC | naa-n' | tzaa-n' | xaa-(n') |
| LOC ABL | naa-n-aas | tzaa-n-aas | xaa-n-aa: |
| LAT | naa-sh | tzaa-sh | xaa-sh |
| PROL | naa-g.oor | tzaa-g.oor | xaa-g.001 |

Table 5.86 shows five of the interrogatives that can be found in most modern Mongolic languages.

Table 5.86: Five Proto-Mongolic interrogatives and their modern representa-

| | 'ken 'who' | 'yaxun 'what' | "alin 'which' | kejixe when | kaxana where |
|------------------|---------------|------------------|------------------|----------------|-----------------|
| Dagur | xeng | yoon | aly | xejec | 203,802 |
| Mongolian | xen | yuun | alyn | xedzee | mason' |
| Buryat | xen | yüün | ali | xezee | xxaama. |
| Khamnigan Mongol | ken | veen | ali | kejie | kaana |
| Ordos | ken | yüün | ali | kejee | kan |
| Written Oirat | ken | you/n | ali | kezee | xamigha(a) |
| Oirat | ken | yuu/n | 31 - 31-k | keze | como a |
| Kalmyk | ken | yuun | aly(-k) | keză | mama, |
| | | | | | aly-d |
| Shira Yughur | ken | yima | aali | kejee | xana |
| Santa | kien | vang | ali | giczhe | khala |
| Bonan | kang | vang | ane | kece(-) | hala |
| Kangjia | ko | jo - jan | ani(ye) | gadge | yana |
| Huzhu Mongghul | ken | ya(a)n | ali | kijec | an-ji(i) |
| Minhe Manzghuer | kan | va. vang | a(yi)ge | kejte | ang(-ji) |
| Moghol | ken ~ kiyan | emah ~ | ? | keja | ? |
| | | imas etc. | | | |

According to Janhunen (2003d: 20) the stem *ke-originally had the meaning 'who' as well as 'what', which is an unlikely scenario from a cross-lingusitic point of view. As has been shown by Cysouw (2005), the only place worldwide where this pattern is not extremely rare or altogether absent is South America.

Proto-Mongolic had two resonances (submorphemes), one in "k- that is still present in most Mongolic languages but changed to x- in Dagur, Buryat and Mongolian, and one in "y- that has survived up to today. Similar changes from "k- to "x- can be seen in Turkic



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Questions and conclusions

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