1. Researching Yesterday’s Vocabulary

In the last decades of the 20th-century metalexicography, also called “theoretical lexicography” or “dictionary research”, became a recognized branch within applied linguistics. Since then historical lexicographers and researchers of other historical disciplines have met to reflect on “yesterday’s words”, starting in the seventies with e.g. the Round Table Conferences on Historical Lexicography in Florence (1971) and Leiden (1977). It is no coincidence that this was also the period of the first computer applications in this field: there was a need in particular to explore the possibilities of the new techniques for lexicographers. Many other initiatives specifically focusing on historical lexicography followed, of which the Colloquium on the Future of Historical Lexicography, held in 2001 in Heidelberg and resulting in the Heidelberg Declaration on “The European Cultural Heritage and Lexicology in the 21th century”, is only one example.

In the beginning of the 21st century the International Conferences of Historical Lexicography and Lexicology were launched with the first conference in Leicester, U.K. (2002), followed by the second one in Gargnano, Italy (2004). The third ICHLL took place in 2006, in Leiden, the Netherlands. The present book reflects the issues discussed on that occasion.

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1 Pijnenburg en De Tollenaere, The Second Round Table Conference.
2 See <www.deaf-page.de/decl>.
3 Papers of the Leicester conference are published in Coleman and McDermott (eds.), Historical Dictionaries and Historical Dictionary Research; the Gargnano papers concerning English lexicography are collected in Considine and Iamartino (eds.), Words and Dictionaries from the British Isles in Historical Perspective.
4 It should be emphasized that the ICHLL conferences are not an exclusively European affair. The fourth ICHLL will be in Edmonton, Canada, June 2008. See
At the ICHLL conferences three disciplines dealing with historical vocabulary are represented: the lexicography of older language stages (the practice of historical lexicography), the historiography of lexicography (or dictionary history), and historical lexicology (historical morphology and lexical semantics; etymology). Each of these subjects is closely related to other linguistic disciplines: historical lexicography is part of the general “dictionary-making”; the historiography of lexicography is a branch of the historiography of linguistics, and, finally, lexical semantics and morphology include diachronic as well as synchronic developments.

Reinhard Hartmann states that “we need to be prepared for a complex grid of relationships rather than a single correlation between lexicography and history” and distinguishes as many as six approaches to the topic “dictionary history” alone. Undoubtedly more subdivisions are possible, depending on the occasion. Considine for example, remarks on four “particularly striking” features in the papers in *Words and Dictionaries*.

The articles in this volume all illustrate these relationships in some way or another. The fact that many of the contributions could have been classified into more than one category is significant in this respect. At the same time past, present and future lexicography are all represented in the authors’ studies, as will be shown in the overview below and from the abstracts at the end of this chapter.

2. Dictionaries and Dictionary-Makers of Former Ages

The past is fully served in research on the history of our dictionaries, whether these follow synchronical or diachronical principles. Monuments of lexicography are the comprehensive 19th-century historical dictionaries such as the DWB, WNT and the OED. These works, completed recently or some time ago, have become objects of research themselves, and are never missing on the lists of contributions to conferences on dictionary history, particularly OED and DWB.

The historiography of these dictionaries as projects or as enterprises places us in the reality of the 19th-century linguistic world. The role of publishers could be of considerable importance, as Kirkness argues for the

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<http://www.le.ac.uk/ee/jmc21/ishll.html> for more information, also on the International Society for Historical Lexicography and Lexicology.

5 Hartmann, “European Lexicography”, 8.

6 Considine, “Introduction”, xv-xvi; these features are: “a high level of attention to the dictionary-making process”, “a recourse to manuscript materials”, “an increasing demand for statistical accuracy, associated with an increasing use of online material” and “clear awareness of the biographical”. 

German situation. While the Grimm brothers proved to be successful as editors of the DWB, Furnivall was not a successful editor of the OED (see Gilliver’s paper). Gilliver reports of the traces of editorial work by Furnivall’s subeditors, the OED-editors’ predecessors.

Considine’s and Leonardi’s contributions are even more closely related to the historiography of linguistics in general, or even more broadly, to cultural history. In his contribution, Considine discusses Leibniz’s interest in lexicography, not only as a practical tool, but even as a means for better understanding of the history of nations, while Leonardi examines Wilkins’ use of linguistic and other scientific terms. These 17th-century authors reveal a vivid relationship with the scholarly world of their time.

The investigation of specialized historical dictionaries and of the development of the structure and content in succeeding general dictionaries is undertaken on a large scale in English dictionary research in particular. Coleman deals with a 19th-century slang dictionary and concludes that dictionary history can be fair: the less adequate slang dictionary by Barrère and Leland (1889-1890) was deservedly unsuccessful. Osselton on the other hand examines a thus far less known dictionary, the *Glossographia Anglicana Nova* (1707), that deserves more attention than it has received.

Bilingual lexicography was particularly important in the early centuries of lexicographical activities. Podhajecba explores an anonymous and less known English-Polish dictionary, printed in the 19th century, in which, apart from the Polish equivalents of the English headwords, she found lexical items in more than 50 languages.

For minority languages the compilation, and furthermore the computerization, of a general monolingual dictionary is of crucial importance. The relationship with the majority language with which they have to compete, has often influenced lexicographical activities. It is striking and satisfying to see that after all the work and attention for the large, national dictionaries, languages such as Frisian, Irish, Scots and Welsh have become objects of various kinds of research. Cf. the articles by Duijff, Popkema (Frisian), Hawke (Welsh), Nyhan (Irish), Rennie and Scott (Scots). Popkema announces a dictionary of Old Frisian that, unlike its predecessors, covers the complete collection of Old Frisian sources.

External factors, in particular language politics, have often influenced the way in which dictionaries for minority languages have been compiled. This also influenced the initiation of some national dictionaries by Language Academies, which were not always successfully realized, as in the case of the Portuguese dictionary discussed by Casanova. Another external factor, the gradual developing of a Frisian standard language, is
reflected in the choice of various words and word-forms in a Frisian dictionary (1900-1911), as shown by Duijff. Pellin argues for the Chinese vocabulary that an open mind towards loanwords and their codification in dictionaries could exist only as a result of the “open door” policies.

3. The Vocabulary of the Past

Research on words is not only carried out for the purpose of compiling dictionary entries; their lexical content itself can be object of investigation as well. Often both approaches are combined. Pinnavaia’s paper on food and drink idioms focuses not only on the lexemes for food and drink and the idiomatic expressions themselves, but also examines their treatment in a series of dictionaries of English. The number of idioms registered in the dictionaries from Johnson’s works onwards, appears to have increased, mainly due to a more comprehensive use of source material.

Scott’s and Farquharson’s studies both examine the reliability of certain dictionaries as documentations of the history of a certain language. Scott argues that the OED often does not mark as “originally Scottish” words which are first recorded in Scottish sources, and thus misrepresents the influence of Scots on the English standard language. In a slightly different way, the treatment of Ákán loanwords in a dictionary of Jamaican Creole can easily lead to wrong conclusions about the presence of the African language and its speakers in Jamaica, as Farquharson argues.

In a number of contributions in this chapter, not a dictionary but “yesterday’s words” in their own right are in the focus of attention. Van Bree and De Vaan consider the lexical results of language contact in early language stages. The mechanisms of lexical borrowing are not always clear and the terms to describe the various forms are under discussion. An adequate terminology is necessary and for that reason De Vaan proposes to add *adstrate* as a neutral term for the cases in which the direction of borrowing is uncertain. Needless to say that historical lexicographers could take advantage of those classifications, even more since (etymological) dictionaries have started to add information on the supposed substrate character of part of the entry words, as Van Bree notices.

Even for periods in which more sources are available, the status of loanwords in relationship to their corresponding source terms can be complicated. Benati considers the 15th-century surgical handbook by Brunschwig, in which the author glosses the classical terms with German, and the other way round. In this case the contrast between the learned
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physicians who were familiar with Latin and the surgeons who as craftsmen used the vernacular could have played a role.

Academic terminology and the use of neo-classical terms are often two sides of one coin. In Wilkins’ Essays however, the author seems to have drawn his material from both classical and English sources. Leonardi’s inventory of Wilkins’ linguistic terms is interesting in more than one respect: it reveals not only his personal ideas, but also the state of the contemporary linguistics.

Waszink’s examines morphological and semantic changes in neo-classical compounds. Once adopted in a language, these loans may develop new senses and values, either as a compound or as a single element. This article, and also Van Bree’s and De Vaan’s studies, reflect the increasing attention paid to the results of language contact and the way they are to be described in dictionaries, as we also saw for example in Benati’s and Farquharson’s contributions.

4. Current and Future Lexicography and Lexicology

Historical dictionary research is not seldom carried out by those familiar with historical dictionary practice. Today there still are projects under construction, although not enough in the eyes of many -- the aforementioned Heidelberg Declaration reflects the necessity to continue investing in historical dictionaries to keep our cultural heritage alive. Today, the large historical dictionaries have been realized and many projects on “minor” language periods (Middle Ages, Renaissance) and non-standard languages have also been successfully completed. Nowadays the emphasis in the lexicographical world often primarily lies on corpus building and text encoding. Therefore it is urgent to keep interest in practical lexicography alive, the more because part of our historical vocabulary is not yet described sufficiently.

In her contribution devoted to Old French charters, Peersman explores the possibilities of the compilation of a basic glossary to these texts. Traditionally literary texts were the main source of historical lexicography and it is gratifying to see that other text types are being researched, often thanks to the availability of electronic text corpora.

Reanalysis of texts written in the transitional area between Germany and the Netherlands has confirmed that Old Dutch is more than the famous 11th-century phrase Hebban olla uogala nestas hagunnan ... . That finally the Dictionary of Old Dutch (ONW) is compiled, is nothing more than a matter of justice and responsibility. Louwen and Schoonheim both report on the methods and principles and on various details of the project,
including sources, data base, entry form, entry structure and the lexicographical work-station used for processing the entries. The ONW is scheduled for publication in the year 2008. Examples of work in progress can also be found in for instance Pinnavaia’s and Leonardi’s contributions, whose research forms parts of larger projects, and in the various computerization projects of existing dictionaries.

Due to the logographic writing system, Chinese shows a more varied result of lexical interference than the Western languages. Pellin discusses the classification and treatment of the *waïlaiçi* (loans and calques) in Chinese dictionaries of the 20th and 21st century. Since the loanwords are being included more and more in general dictionaries of neologisms, future lexicographical practice will also be confronted with both the linguistic and the political problems of this type of lexeme.

Defective traditional dictionaries create a need for new ones. Pointing out the gaps in older works is often how new dictionary projects start. Mooijaart argues that information available in various kinds of historical dictionaries of Dutch can be used as a basis for new products. The reusability of that data is favoured by modern techniques.

5. Technology of Today for Yesterday’s Words

The technology of today is to a large extent decisive for the future of our dictionaries. Many of the aforementioned dictionaries or dictionary research projects have been carried out in a digital environment, and some of them would not have been launched in paper-form. Another important application, the computerization of existing hard-copy dictionaries, is not only a way to save important cultural heritage for future generations, it also provides unique information about the dictionary’s lexical content and the entry design. Unfortunately, the less systematic or even somewhat chaotical structure of the older dictionaries does not allow a smooth and quick enrichment with linguistic information and formal mark up. Caron explains the various solutions of these problems with respect to the computerization of the 18th-century *Dictionaire* by Féraud. Nyhan too offers an exhaustive illustration of the mismatch often seen between the information categories of a hard-copy text and their significance when migrated into a digital environment. She focuses on the theoretical aspects and practical problems of the encoding language XML, used for the compilation of a *Lexicon* of medieval Irish.

Computerization halfway through a project has the advantage of forcing the editors into a more simple, systematic way of working and offering greater control over the bibliographical aspect of the work, as
Hawke shows in his contribution on the dictionary of Welsh. The first (hard-copy) fascicle was published in 1950; the first electronic edition was completed in 2002. This dictionary will eventually have to adopt XML in order to gain full profit from the electronic data. Another example of working according to a modular system is given by Rennie. She first published an electronic edition of Jamieson’s dictionary (1808) on the internet and is now preparing an expanded edition, including both linguistic and extra-linguistic information.

Statistical research such as the analysis carried out by Van Dalen and Van Zundert is an outstanding example of methods and techniques made possible by the computer. In the case of this project, the result is information on the relative frequency of certain lexical items in a specific author’s vocabulary, used to distinguish between authors and even between copyists.

6. Final remark

In 1961 WNT-editor Felicien De Tollenaere asked the Mathematic Centre in Amsterdam to produce a computer aided index to Apherdianus’ Tyrocinium (1552), a Latin-Dutch learners dictionary. It was the first electronic index in the area of Dutch language and the first time that full access was offered to both languages of a bilingual dictionary. Since then, computer techniques have expanded and refined the lexicographical applications, and the Tyrocinium definitions form now part of the large network of lexical information categories provided by the INL Integrated Language Database of the Dutch Language from the 5th until the 21st Century. Likewise we expect that the historical lexical and lexicographical information in the present volume, which is valuable in its own right, will function fruitfully in the network of studies on “yesterday’s words” as well.

7. Acknowledgements

Many articles in this volume greatly benefited from comments and suggestions made by our colleagues in English speaking countries.

Acknowledgements are due to Charlotte Brewer (OED), Sylvia Brown (University of Alberta, Edmonton), Frederic Dolezal (University of Georgia, Athens), Philippe Durkin (OED), Dewi Evans (University College Dublin), Beatrix Faerber (University College, Cork), Ben Hazard (University College, Cork), Gregory James (Hong Kong University of
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We thank Julie Coleman (University of Leicester) for her useful
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Thanks should also go to Marion Korevaar (BA-student Dutch
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getting the 27 contributions into one uniform text and file format.

8. Abstracts

Chiara Benati, Bilingual Glosses in Hieronymus Brunschwig’s Buch
der Cirurgia: A Handbook as Source for Historical Surgical
Terminology
Chiara Benati discusses the vocabulary of the Buch der Cirurgia (1487),
and in particular the relationship between Latin and Greek medical terms
and their German counterparts. From the occurrence either as a part of a
combination or in isolation, she concludes that some terms were well
known and others not, and that didactic goals made Brunschwig gloss even
the apparently familiar words.

Cor van Bree, Substrate Words
In Cor van Bree’s contribution, substrate words and their place in the
lexicon are explored. The author proposes three instead of two areas in the
lexicon to explain the occurrence of certain substrate words. Evidence
both in Town Frisian and Indo-European show that substrate words are
likely to be found in the restricted sphere of use such as nature or
children’s games as well.

Philippe Caron, Computerizing Féraud’s Dictionnaire critique de la
langue française from a Full-text Electronic Version to a Softly
Tagged Release
Philippe Caron pleads for a special approach to old dictionaries in order to
cope with their specific characteristics. Féraud’s dictionary was at the
beginning a mere collection of “remarques” on the French language
presented in alphabetical order which accounts for its rather informal style.
He shows how the various problems that arose from that characteristic
were solved in a softly tagged release.
Isabel Casanova, Dictionary Making with or without the Help of Language Academies? The 2001 Portuguese Dictionary
Isabel Casanova focuses on dictionary policy in Portugal between 1779, when the Lisbon Academy of Sciences was established, and 2001, the year of publication of the Dicionário da Língua Portuguesa Contemporânea. She examines the theoretical assumptions underlying the only volume of the 18th-century Academy Dictionary (1783) and compares them with the modern principles followed in the Dicionário da Língua Portuguesa Contemporânea, the recent complete edition of the Academy Dictionary.

Julie Coleman, Lost between Hotten and Henley: Barrère and Leland’s Dictionary of Slang, Jargon & Cant
Julie Coleman explores the differences between three nineteenth-century dictionaries of slang and seeks to explain the relatively low profile of Barrère and Leland’s Dictionary of Slang, Jargon & Cant. After having assessed the three dictionaries in various respects she can only conclude that the relative obscurity of Barrère and Leland’s dictionary is fully deserved.

John Considine, Leibniz and Lexicography
John Considine focuses on the philosopher Leibniz as a reader and promoter of dictionaries. He examines Leibniz’ lexicographical ideas, in particular his identification of diachronic lexicography as a potential means to the unified understanding of the human past. Leibniz saw synchronic lexicography, especially in the form of his project for a universal illustrated dictionary, as a means to the understanding of the knowable contemporaneous world.

Karina van Dalen-Oskam & Joris van Zundert, The Quest for Uniqueness: Author and Copyist Distinction in Middle Dutch Arthurian Romances based on Computer-assisted Lexicon Analysis
The digital format of texts allows many kinds of quantitative analysis of vocabulary. The authors apply a specific statistical technic (the Delta procedure) for authorship attribution. They present their research into some Middle Dutch Arthurian romances known to be written by more than one author, showing how their results to date may lead to the development of a method of distinguishing not only between authors, but also between copyists.
Pieter Duijff, Towards Standard Frisian in the Friesch Woordenboek
Pieter Duijff examines how the compilers of the Friesch Woordenboek dealt with the standardization of the Frisian language in the dictionary. He discusses various questions, such as whether there was an intention to choose a standard and which dialects would be the basis for that standard.

Joseph T. Farquharson, Using Historical Dictionaries to Reconstruct Language History: The Case of Jamaican Creole
Joseph Farquharson argues that the linguistic history of a particular group of people can not directly be derived from a historical dictionary. In the case of the Dictionary of Jamaican English, the many Àkán words do not necessarily indicate an early presence of Àkán slaves in Jamaica. Further research on the complicated linguistic and demographic facts is necessary.

Peter Gilliver, The Philological Society’s First New English Dictionary: Frederick Furnivall’s Sub-editors and their Work
Peter Gilliver analyses lexicographical work preceding the OED and carried out by volunteer sub-editors working under the guidance of Frederick Furnivall. From examination of recently discovered material, we gain some indication of how the Dictionary was conceived by Furnivall and his sub-editors, and how it would have compared to the OED if their labours had come to fruition.

Andrew Hawke, Computerization on a Shoestring: Geiriadur Prifysgol Cymru and the Computer
Andrew Hawke discusses the computerization of Geiriadur Prifysgol Cymru (The University of Wales Dictionary of the Welsh Language), a historical dictionary of Welsh. Because money and manpower have always been severely limited, relatively inexpensive technology was adopted. So successful has this approach been that the original software is still used in the production of part of the second edition of the Dictionary, although a new data structure in TEI-compliant XML is now being prepared to enable a much more flexible approach to the complete revision of the Dictionary in the 21st century.

Alan Kirkness, What’s in a Name? The Publishers of Grimm’s German Dictionary 1830-1863 / 77
Alan Kirkness deals with Jacob and Wilhelm Grimm as lexicographers and their German Dictionary, known as Grimm. He focuses in particular on the role of the founding publishers of Grimm, Karl Reimer (1801-1858)
and Salomon Hirzel (1804–1877) and stresses the importance of the role played by publishers in relation to authors-cum-lexicographers.

**Natascia Leonardi, John Wilkins’ Metalinguistic Lexicon in the Panorama of Linguistic Terminology**
John Wilkins’ metalanguage includes linguistic terms which provide information both on Wilkins’ linguistic principles and on the scholarship of 17th-century England. Leonardi concludes that the terminology related to historical linguistics is particularly revealing for the development of that branch.

**Kenny Louwen, A Glimpse Behind the Scenes of the Oudnederlands Woordenboek (Old Dutch Dictionary)**
The *Dictionary of Old Dutch* (ONW) is the subject of two articles. Kenny Louwen discusses some general aspects of the project under construction. He explains for instance some principles of reconstructing the standard Old Dutch word forms from the (often translated) source texts. He also discusses the information to be included in the ONW-entry.

**Marijke Mooijaart, Dictionary of the Golden Age**
Sometimes even very complete and comprehensive dictionaries do not meet all the user’s needs. Marijke Mooijaart argues that a dictionary that focuses on the Dutch Golden Age (17th century) would help foreign and Dutch students and researchers to understand this culturally interesting period.

**Julianne Nyhan, The Problem of Date and Context: Migrating an Irish Language Dictionary from Hard Copy to Digital Format**
Julianne Nyhan deals with the problem of migrating a hard copy dictionary to digital format, i.e. compiling an electronic Lexicon of medieval Irish on the basis of the *Dictionary of the Irish Language*. It appears that inadequate cross-referencing and relative information labels for chronology are among the factors making an automatic migration impossible.

**Noel Osselton, The Glossographia Anglicana Nova (1707, 1719) and the Royal Society**
Noel Osselton draws the attention to the *Glossographia Anglicana Nova* (GAN, 1707), a small and anonymous dictionary, that has commonly been dismissed as a highly derivative work. He shows that the GAN is a work of considerable methodological interest, and that the additions in the 1719
edition share the concern for scientific vocabulary and the language of scholarship which is known to have preoccupied members of Royal Society in the latter part of the seventeenth century.

Catharina Peersman, Old French Charters: a Lexicographic Case Study
The description of the vocabulary of Old French charters in charter glossaries is the subject of Catharina Peersman’s contribution. She explains the methodological and practical problems involved, such as polysemy and orthographical variation.

Tommaso Pellin, What is a *wailaici*? The Chinese Dictionaries of Lexical Interferences and their Theoretical Outlook
Tommaso Pellin discusses the state of the art in the Chinese lexicography of loan words (*wailaici*). He comments on the strong relationship between research into this lexical category and China’s political and cultural history.

Laura Pinnavaia, Food and Drink Idioms in Two Hundred and Fifty Years of English Monolingual Lexicography
The treatment of idioms in the field of food and drink in British English monolingual dictionaries has changed through the course of time. Laura Pinnavaia’s conclusions from her research are, that older dictionaries include fewer idioms, and that the citations are often taken from famous literary authors, while modern dictionaries are more comprehensive and representative in the coverage of idioms.

Mirosława Podhajecka, *O zabytkach mowy ludu polskiego* (1858): An Unknown Etymological Dictionary of English?
Mirosława Podhajecka deals with an anonymous dictionary, discovered in the holdings of the British Library (London). She discusses the dictionary’s macro- and microstructure, assesses sample entries and finally evaluates the dictionary as a work compiled by a polyglot amateur.

Anne Tjerk Popkema, A New Step in Old Frisian Lexicography: The *Altfriesisches Handwörterbuch*
Anne Tjerk Popkema describes the various efforts to supersede Von Richthofen’s *Altfriesisches Wörterbuch* (1840) and Holthausen’s *Altfriesisches Wörterbuch* (1925). These lexicographical tools fail to cover large parts of the Old Frisian text tradition. A new *Altfriesisches*
Handwörterbuch on the basis of Hofmann’s work will shortly be available which offers full access to all Old Frisian sources.

Susan Rennie, The Electronic Jamieson: Towards a Bicentenary Celebration
Susan Rennie describes the scope and format of the e-Jamieson, the electronic version of John Jamieson’s Etymological Dictionary of the Scottish Language, the first comprehensive dictionary of the Scots language. She discusses the reasons for retaining the separate formats of the 1808 and 1825 volumes, rather than choosing to digitise later, editorially combined editions of Jamieson. She also considers how the information in the e-Jamieson may be used by historical lexicographers, as well as by scholars of Scots language and literature.

Tanneke Schoonheim, Sources of the Old Dutch Dictionary
Tanneke Schoonheim gives insight into these sources. For some decades the Wachtendonck Psalter has been considered to be in Old Dutch, as have two other larger texts. Many glosses, toponyms and antroponyms also made the compilation of the ONW possible and necessary.

Maggie Scott, Unsung Etymologies: Lexical and Onomastic Evidence for the Influence of Scots on English
A considerable number of English words were first recorded in Scottish sources, but thus far this information has been insufficiently documented in dictionaries. This and other problems concerning the status of Scots and Scottish English in the light of current methodologies employed in the historical lexicography of Scots and English are discussed by Maggie Scott.

Michiel de Vaan, On Wanderwörter and Substrate Words in Etymological Research
Michiel de Vaan’s contribution on Wanderwörter concludes with a proposal for the terminology of loanwords, taking into account the direction of borrowing. It appears that the traditional terms (substrate and superstrate) do not cover the many cases in which the direction of borrowing is uncertain.
Vivien Waszink, On retrograde and retrojeans: the Classical Element retro(-) in the Dutch Dictionaries WNT and Van Dale and in the English OED

Vivien Waszink describes the classical element retro- in the vocabulary of Dutch and English. Originally part of neoclassical compounds, this element has recently been combined with non-classical morphemes as well, and has even started to appear as a free morpheme.