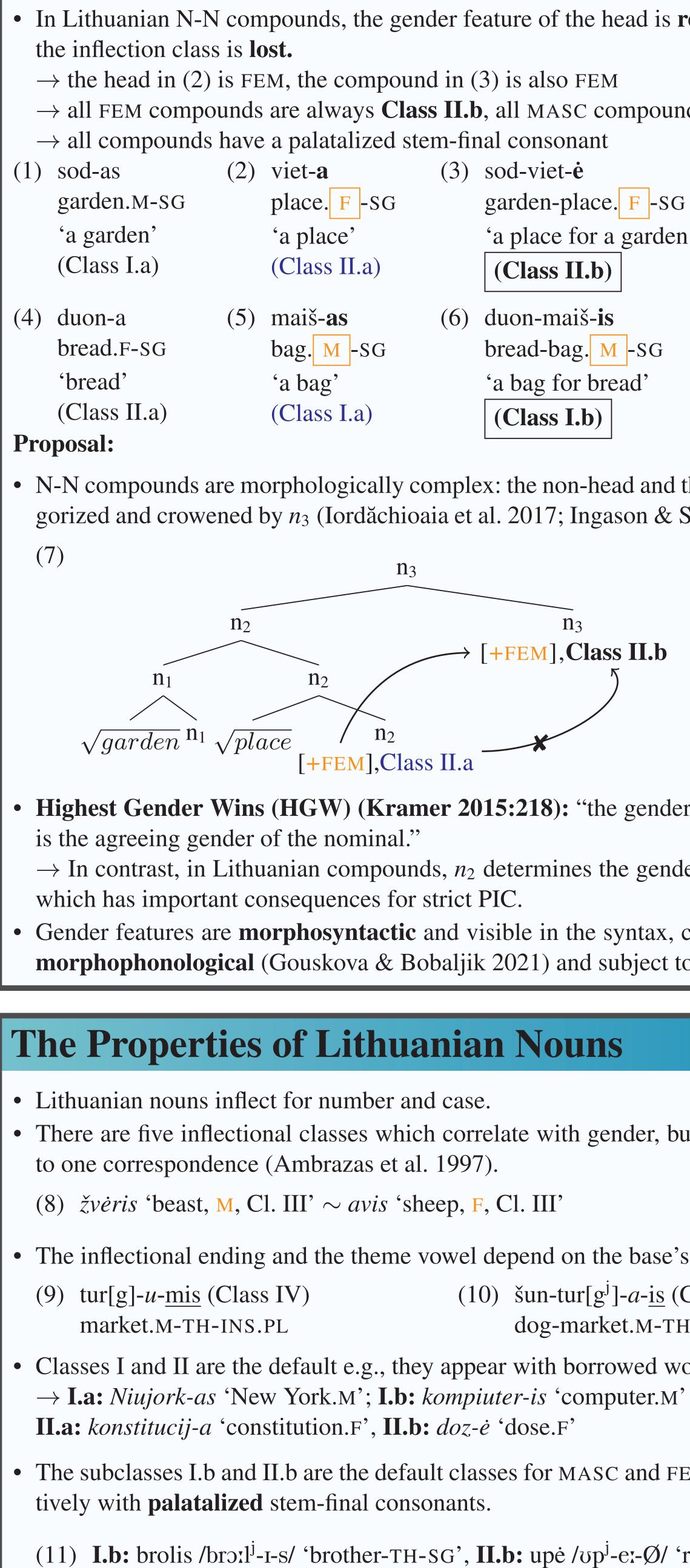


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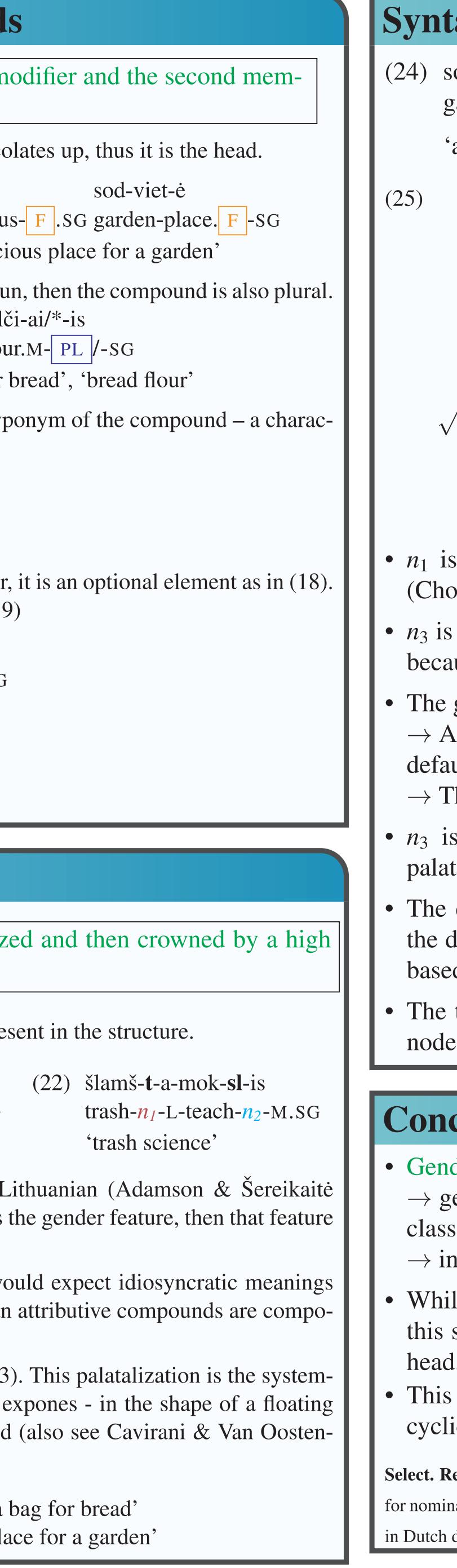
Introduction



Lithuanian attributive compounds: a DM approach

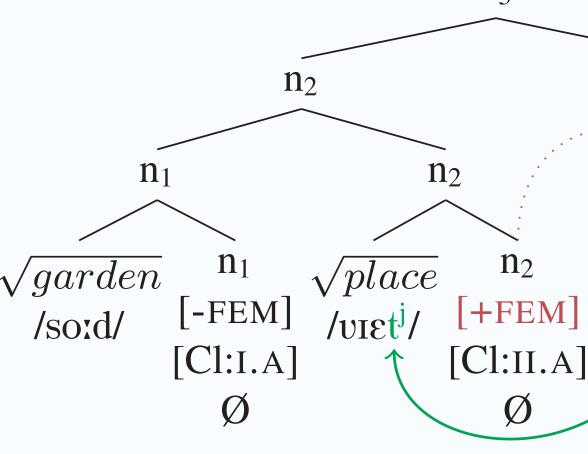
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ntroduction	The properties of Compound
In Lithuanian N-N compounds, the gender feature of the head is retained whereas the inflection class is lost . \rightarrow the head in (2) is FEM, the compound in (3) is also FEM \rightarrow all FEM compounds are always Class II.b , all MASC compounds are Class I.b \rightarrow all compounds have a palatalized stem-final consonant) sod-as (2) viet-a (3) sod-viet- \hat{e} garden.M-SG place, \overline{F} -SG garden-place, \overline{F} -SG 'a garden' 'a place' 'a place for a garden' (Class I.a) (Class II.a) (Class II.b)) duon-a (5) maiš-as (6) duon-maiš-is bread.F-SG bag.M-SG bread-bag.M-SG 'bread' 'a bag' 'a bag for bread' (Class II.a) (Class I.b) roposal: N-N compounds are morphologically complex: the non-head and the head are cate- gorized and crowened by n_3 (Iordăchioaia et al. 2017; Ingason & Sigurðsson 2020) (7) n_3 n_1 n_2 n_2 $(+FEM]$, Class II.b) Highest Gender Wins (HGW) (Kramer 2015:218): "the gender of the highest <i>n</i> is the agreeing gender of the nominal." \rightarrow In contrast, in Lithuanian compounds, n_2 determines the gender rather than n_3 , which has important consequences for strict PIC. Gender features are morphosyntactic and visible in the syntax, class features are morphophonological (Gouskova & Bobaljik 2021) and subject to strict locality.	 The properties of Compound is a methan ber is a head. The gender feature of the second element percession of the gender feature of the second element percession of the gender feature of the second element percession of the gender feature of the second element percession of the second element is an inherently plural note (15) milt-ai/*-as (16) duon-milt flour.M-PL/-SG bread-flouring flouring of the head. The second element of the compound is the hyperistic behavior of the head. (17) duon-maiš-is yra maišas bread-bag.M-NOM.SG is bag 'a bag for bread is a bag' The first element of the compound is a modifier → As opposed to synthetic compounds like (19) leva yra *(mesos) valgy-toj-a leva has a bag/ a bag for bread.' (19) leva yra *(mesos) valgy-toj-a leva is a meat eater.' Motivation for the Structure
	n_3 -projection as in (7).
 'he Properties of Lithuanian Nouns Lithuanian nouns inflect for number and case. There are five inflectional classes which correlate with gender, but there is no one to one correspondence (Ambrazas et al. 1997). (8) <i>žvėris</i> 'beast, M, Cl. III' ~ <i>avis</i> 'sheep, F, Cl. III' The inflectional ending and the theme vowel depend on the base's class feature: (9) tur[g]-u-mis (Class IV) (10) šun-tur[gⁱ]-a-is (Class I.b) market.M-TH-INS.PL Classes I and II are the default e.g., they appear with borrowed words → I.a: <i>Niujork-as</i> 'New York.M'; I.b: <i>kompiuter-is</i> 'computer.M' II.a: <i>konstitucij-a</i> 'constitution.F', II.b: <i>doz-e</i> 'dose.F' The subclasses I.b and II.b are the default classes for MASC and FEM nouns respectively and the default classes for MASC and F	 I. Both n₁ and n₂ can be overt and thus, are present (20) dirv-on-viet-e (21) med-pjū-kl-is soil-n₁-place.F-SG tree-cut-n₂-M.SG 'a place with soil' 'saw for wood' II. The gender features are hosted by n in I 2019). If the head of the compound determines must be hosted by n₂. III. If these were root-root compounds, we we (Iordăchioaia et al. 2017). However, Lithuaniar sitional e.g., (3-6). IV. Every compound has a palatalized stem (23 atic exponent of a functional head. The [-bk] of feature - the topmost n₃ head of the compound
 tively with palatalized stem-final consonants. (11) I.b: brolis /broːl^j-ı-s/ 'brother-TH-SG', II.b: upė /vp^j-e:-Ø/ 'river-TH-SG' (12) I.a: maišas /mɛıʃ-a-s/ 'bag-TH-SG', II.a: vieta /vıɛt-a-Ø/ 'place-TH-SG' 	dorp 2020). (23) Class I.b : duonmaišis /dʊɔn-mɐɪ∫ ^j -ı-s/ 'a Class II.b sodvietė /so:d-uiɛt ^j -eː-Ø/ 'a pla



Syntactic Analysis

(24) sod-viet-ė-ms garden-place.F-TH-PL.DAT 'a place for a garden' (Class II.b)



- (Chomsky 2004).
- because n_3 triggers spellout of the n_2 cycle;
- \rightarrow This constitutes evidence for PIC2 (Chomsky 2001)
- palatalization on the closest segment to its left;
- based on gender: I.b for M, II.b for F;
- node to the left (Embick 2010, Gleim et al 2022).

Conclusion

- Gender features and inflection class features are distinct: class features are not \rightarrow inflection class features are subject to strict locality
- head.
- cyclic head can be supplied to another cyclic head.

Select. Ref: Ambrazas et al. 1997. Lithuanian Grammar, Iordăchioaia et al. 2017. Morphosyntactic sources for nominal synthetic compounds in English and Greek; Cavirani & van Oostendorp 2019. Empty morphemes in Dutch dialect atlases, Glossa 4(1), p.88; Kramer 2015. The Morphosyntax of Gender.

Yale

 \rightarrow /soid-viet^j-ei-ms/ Infl Infl [K:DAT,#:+pl] **n**₃ /-ms/ •> [+FEM] [-bk +hi] Th: /-eː-/ [Cl:II.A]

• n_1 is a modifier and thus, is attached to n_2 via adjunction, Pair Merge

• n_3 is a head: the class feature on n_2 is **invisible** to *Infl* and the theme vowel

• The gender of n_2 percolates up to n_3 , which has no gender feature.

 \rightarrow According to the HGW hypothesis, the plain n_3 should be assigned the default gender – masculine. This prediction is not borne out!

• n_3 is expressed phonologically by a floating dorsal feature, triggering

• The exponent on *Infl* depends on the class of the base, which is always the default class in compounds. The class on n_3 is supplied automatically

• The theme vowel is inserted late between Infl and the highest functional

 \rightarrow gender features are subject to percolation algorithm whereas inflection

• While some studies assume that both roots are categorized in compounds, this study shows that the structure can also be crowned by another cyclic

• This study lends additional support to PIC2: the gender features of one