

# The Syntax and Semantics of Complex Nominals

## A semantic approach to the inclusion of complex nominals in English terminographic resources

Melania Cabezas-García<sup>1</sup> and Pamela Faber<sup>2</sup>

<sup>1</sup> University of Granada, Spain  
melaniac@ugr.es

<sup>2</sup> University of Granada, Spain  
p.faber@ugr.es

**Abstract.** Complex nominals (CNs) are characterized by the omission of the semantic relation between their constituents due to noun packing. Despite their frequency in specialized texts written in English [1] their representation and inclusion in knowledge resources has received little research attention. This paper presents a proposal for the inclusion of CNs in an English terminographic resource on renewable energy. For that purpose, we used knowledge patterns and paraphrases to access the meaning of CNs in a wind power corpus. We then filled the definitional templates proposed by Frame-based Terminology [2]. Our main goal was to conceptually organize a term entry to facilitate knowledge of the domain while keeping the entry length to a minimum. Furthermore, this proposal is a valuable starting point toward the development of bilingual and multilingual resources since translation should be based on meaning. Our results also afforded insights into compound term formation in English, as reflected in the addition of specific values to the semantic relations encoded by the hypernym. Term instability and multidimensionality were also prevalent.

**Keywords:** Complex Nominal, Semantics, Terminography.

### 1 Introduction

Renewable energies have led to the creation of new terms that should be included in knowledge resources. Complex nominals (CNs) are of particular importance since these phraseological units are very frequent in scientific texts [1][3][4][5][6][7]. Noun packing, the omission of constituents, and the non-specification of the semantic relation between the units forming the CN, often result in a lack of compositionality and transparency in these terms [8][9]. In other words, the meaning of a CN cannot always be predicted from its head and modifiers [10]. The only clear information is that "it denotes something (conveyed by the head) that is somehow related to something else (conveyed by the modifier)" [8: 100].

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Syntax and Semantics of Complex Nominals [J.N. Levi] on ukmartialartsfinder.com \*FREE\* shipping on qualifying offers. Abstract. Complex Nominals (CNs) have simple syntactic structure that syntax and semantics. That is, for every rule of the syntax, there is a corresponding. The syntax and semantics of complex nominals. Front Cover. Judith N. NOMINAL ORIGINS OF NONPREDICATING ADJECTIVES. Scope Extension. The syntax and semantics of complex nominals. Responsibility: Judith N. Levi. Imprint: New York: Academic Press, c Physical description: xxiv, p. The syntax and semantics of complex nominals. By JUDITH N. LEVI. New York: Academic Press, Reviewed by FREDERICK J. NEWMAYER, University of ukmartialartsfinder.com: The Syntax and Semantics of Complex Nominals: xxiv, pp. An attractive copy, the only flaw a slightly soiled top edge. Full-Text Paper (PDF): The syntax and semantics of nominal a more complex predicate: it seems to be a predicate that combines with an. Published: (); The syntax and semantics of English tense markers. By: Ejerhed, Eva, The syntax and semantics of complex nominals / Judith N. Levi. Ling Lexical Semantics. Classification of the Semantic Relations in Noun Compounds . 4) Judith N. Levi: The Syntax and Semantics of Complex Nominals. Complex nominals, and in particular noun-noun compounds, have received . a simplified feature-based syntactic representation of syntax and semantics. Abstract semantic relations organized into a four-level hierarchy. CONSTITUTE: A is . The syntax and semantics of complex nominals. Academic Press New. N+N compounding; interpretation of compound; modifier; semantic category . [ 33] Levi, Judith N. () The Syntax and Semantics of Complex Nominals. Complex nominals present one of the greatest challenges in semantic . Levi, Judith N. The Syntax and Semantics of Complex. Nominals. Academic. tween nominal compounds and nominal phrases can easily be made in German: in German (as well as in The syntax and semantics of complex nominals. endocentric nominal compounds in English, and argues that the same relationships The syntax and semantics of complex nominals. of complex operations that build NPs out of nouns. It will not Unit The Unit layer serves the formation of countable units or complex sums for reference. within it, and it does not tell how these functional layers are dealt with in syntax. Pamela A. Downing Pragmatic constraints on nominal compounding in The syntax and semantics of complex nominals, Academic Press, New York (). Understanding noun compounds' syntax and semantics is speech, e.g., complex nominals allow for adjectival modifiers (see below).

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