

Specific classifiers versus unspecific bare nouns[☆]

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Abstract

Based on rare language data from a Chinese minority language, we argue for a particular theory of specific and unspecific reference. We understand specific versus unspecific reference as the properties of picking out *one* versus *not-one* (set of) referents in the discourse context. The analysis is reminiscent of Schwartzschild (2002)'s singleton theory and an alternative to the Choice Function approach. We further argue that unspecific reference conversationally implicates other reference types such as 'universal', 'generic' or 'distributive' reference. The Hmu language (Miao-Yao: China) is cross-linguistically rare in encoding the contrast of specific versus unspecific reference by a minimal pair, by bare classifiers and bare nouns.

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1. Introduction

This paper showcases the Hmu language, a language in which specific reference is a necessary condition for the use of the bare classifier (BCL), while unspecific reference is a necessary condition for the use of a bare common noun (BN).

In East Asian languages, classifiers do not have independent grammatical functions but contribute to mark the functions of counting (with numerals), quantification (with quantifiers) or deixis (with demonstratives).¹ The languages generally have one plural and mass classifier, while all the other classifiers count the singular number of the noun they modify. When bare classifiers are available, they usually encode indefinite reference, definite reference, or both depending on the syntactic position in which they are used.² In a similar way, bare nouns have definite, indefinite or generic reference according to the slot in which they occur. Examples (1)–(2) illustrate the range of functions that bare classifiers and bare nouns can express. Bare classifiers are exemplified in (1), bare nouns in (2). Ambiguous interpretations can be clarified by contextual information.

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¹ See Bisang (1999)'s typology of classifier constructions.

² See, for example, Simpson et al. (2011)'s findings on bare classifiers in several East Asian languages and Li (2013)'s investigation in three Chinese dialects, Mandarin, Cantonese and Wu.

References

- Abbott, B., 1999. Support for a unique theory of definite descriptions. In: Matthews, T., Strolovitch, D. (Eds.), *Proceedings from Semantics and Linguistics Theory IX*. Cornell University, Ithaca, pp. 1–15.
- Abusch, D., 1993–1994. The scope of indefinites. *Nat. Lang. Semant.* 2, 83–135.
- Atlas, J., 1977. Negation, ambiguity, and presupposition. *Linguist. Philos.* 1, 321–336.
- Atlas, J., 1979. How linguistics matters to philosophy: presupposition, truth, and meaning. In: Oh, Dinneen, (Eds.), *Syntax and Semantics 11: Presupposition*. Academic Press, New York, pp. 265–281.
- Barker, C., 1998. Partitives, double genitives and anti-uniqueness. *Nat. Lang. Linguist. Theory* 16, 679–717.
- Barker, C., 2004. Possessive weak definites. In: Kim, J., Lander, Y., Partee, B. (Eds.), *Possessives and Beyond: Semantics and Syntax*. University of Massachusetts at Amherst, pp. 89–113.
- Bisang, W., 1999. Classifiers in East and Southeast Asian languages: counting and beyond. In: Gvozdanovic, J. (Ed.), *Numeral Types and Changes Worldwide*. Mouton de Gruyter, Berlin, pp. 113–185.
- Bunt, H., 1979. Ensembles and the formal semantic properties of mass terms. In: Pelletier, F. (Ed.), *Mass Terms: Some Philosophical Problems*. Reidel, Dordrecht, pp. 279–294.
- Bunt, H., 1985. *Mass Terms and Model-theoretic Semantics*. Cambridge University Press, Cambridge.
- Cheng, Ch.-Y., 1973. Comments on Moravcsik's paper. In: Hintikka, K., Moravcsik, J., Suppes, P. (Eds.), *Approaches to Natural Language*. Reidel, Dordrecht, pp. 286–288.
- Christophersen, P., 1939. *The Articles: A Study of Their Theory and Use in English*. Oxford University Press, London.
- Diesing, M., 1992. *Indefinites*. MIT Press, Cambridge.
- Egli, U., 1979. The Stoic concept of anaphora. In: von Stechow, A. (Ed.), *Semantics from Different Points of Views*. Springer, Heidelberg, pp. 266–283.
- Eng, M., 1991. The semantics of specificity. *Linguist. Inq.* 22, 1–25.
- Farkas, D., 1985. *Intensional Description and the Romance Subjunctive Mood*. Garland, New York.
- Farkas, D., 1994. Specificity and scope. In: Nash, L., Tsoulas, G. (Eds.), *Langues et Grammaires 1*. Paris, pp. 119–137.
- Farkas, D., 2002. Specificity distinctions. *J. Semant.* 19, 213–243.
- Fodor, J.D., Sag, I.A., 1982. Referential and quantificational indefinites. *Linguist. Philos.* 5, 335–398.
- Gazdar, G., 1979. *Pragmatics: Implicature, Presupposition, and Logical Form*. Academic Press, New York.
- Gerner, M., 2009. Deictic features of demonstratives: a typological survey with special reference to the Miao group. *Can. J. Linguist.* 54 (1), 43–90.
- Gerner, M., Bisang, W., 2008. Inflectional speaker-role classifiers in Weining Ahmao. *J. Pragmat.* 40 (4), 719–732.
- Grice, H.P., 1967. Logic and Conversation. Unpublished MS. of the William James Lectures, Harvard University.
- Gundel, J., Hedberg, N., Zacharski, R., 1993. Cognitive status and the form of referring expressions. *Language* 69, 274–307.
- Hawkins, J., 1978. *Definiteness and Indefiniteness: A Study in Reference and Grammaticality Prediction*. Croom Helm, London.
- Heim, I., 1982. The semantics of definite and indefinite noun phrases (PhD Thesis). University of Massachusetts.
- Heim, I., 1992. Presupposition projection and the semantics of attitude verbs. *J. Semant.* 9, 183–221.
- Johnson, W.E., 1921. *Logic*. Cambridge University Press.
- Kadmon, N., 1990. Uniqueness. *Linguist. Philos.* 13, 273–324.
- Kadmon, N., Landman, F., 1993. Any. *Linguist. Philos.* 16, 353–422.
- Kamp, J., 1975. Two theories about adjectives. In: Keenan, E. (Ed.), *Formal Semantics of Natural Language*. Cambridge University Press.
- Karttunen, L., 1973. Presuppositions of compound sentences. *Linguist. Inq.* 4, 169–193.
- Karttunen, L., 1974. Presupposition and linguistic context. *Theor. Linguist.* 1, 181–194.
- Karttunen, L., Peters, S., 1979. Conventional implicature. In: Oh, Dinneen, (Eds.), *Syntax and Semantics 11: Presupposition*. Academic Press, New York, pp. 1–56.
- Kempson, R., 1975. *Presupposition and the Delimitation of Semantics*. Cambridge University Press, Cambridge.
- Kratzer, A., 1998. Scope or pseudo-scope: are there wide scope indefinites? In: Rothstein, S. (Ed.), *Events and Grammar*. Kluwer, Dordrecht, pp. 163–196.
- Krifka, M., 1989. Nominalreferenz und Zeitkonstitution. Zur Semantik von Massentermen: Pluralterminen und Aspektklassen. Fink, Munich.
- Lewis, C.I., 1912. Implication and the algebra of logic. *Mind* 21, 522–531.
- Li, X., 2013. *Numerical Classifiers in Chinese: The Syntax–semantics Interface*. Trends in Linguistics. Mouton de Gruyter, Berlin.
- MacColl, D., 1908. 'If' and 'imply'. *Mind* 17, 151–152.
- Matthewson, L., 1999. On the interpretation of wide-scope indefinites. *Nat. Lang. Semant.* 7, 79–134.
- May, R., 1977. The grammar of quantification (PhD Thesis). MIT.
- May, R., 1985. *Logical Form: Its Structure and Derivation*, vol. 12. MIT Press.
- Mohanan, T., 1994. Arguments in Hindi. CSLI Publication, Stanford.
- Moore, G.E., 1919. Internal and external relations. *Proc. Aristot. Soc.* 20, 40–62.
- Reinhart, T., 1997. Quantifier scope: how labor is divided between QR and choice functions. *Linguist. Philos.* 20, 335–397.
- Roberts, C., 2003. Uniqueness in definite noun phrases. *Linguist. Philos.* 26, 287–350.
- Russell, B., 1905. On denoting. *Mind* 14, 479–493.
- Sanford, D., 1989. *If P, then Q. Conditionals and the Foundations of Reasoning*. Routledge, London.
- Schwartzschild, R., 2002. Singleton indefinites. *J. Semant.* 19, 289–314.
- Simpson, A., Soh, H.L., Nomoto, H., 2011. Bare classifiers and definiteness. *Stud. Lang.* 35, 168–193.
- Winter, Y., 1997. Choice functions and the scopal semantics of indefinites. *Linguist. Philos.* 20, 399–467.
- Zermelo, E., 1904. Beweis, dass jede Menge wohlgeordnet werden kann. *Math. Ann.* 59, 514–516.