

DEVERBAL ADJECTIVES AND NEGATABILITY PATTERNS

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PHENOMENON AND GOAL Productivity and compositionality of **un**-affixation seems of an interesting nature in the case of **anfänglich** ‘initial’ and **unaufhörlich** ‘incessant’. The negative affix **un-** is not allowed to be affixed to **anfänglich** and it may not be dropped from **unaufhörlich**: ***unanfänglich** and ***aufhörlich** are not attested in Standard German. However, the interpretation of **unaufhörlich** is still compositionally transparent and one wonders why **unanfänglich** is ungrammatical. The aim of this talk is to provide a pilot study for this pair of adjectives that explains the patterns observed as a (grammaticalized) PPI/NPI effect. That there are pairs of adjectives like **unaufhörlich** – **anfänglich** that show some kind of negatability pattern was not noticed, hitherto, as far as we know. We would like to suggest that the pattern derives from the meaning of the verbal roots as quantifiers over times (see also Löbner 1990).

HISTORY The literature notes that there are quite a few **un**-adjectives where the positive base is missing (we call them BNDAs – baseless negative derived adjectives), and it is suggested that these phenomena are lexical idiosyncrasies or cases – ill understood – of simultaneous or exceptional affixation or just do not exist anymore (Kiparsky 1982, Lenz 1994, see also Horn 1989). **Aufhörlich** is, in fact, attested once in the DWB, however in a quite redundant formulation: **Ich hab das ewig leben nit für aufhörlich, sondern für ewig gehalten** (Frank chron. 430^b). But why is it lost? What is the role of negation? Adjectival *un-* derives from Indo-European *ni-* which served as the sentential negative particle and was lost as an overt marker in the development to New High German in the process of Jespersen’s cycle in the verbal paradigm. Interestingly, the prefix *un-* is sometimes attested as a verbal negator even in Old High German and Middle High German (cf. Hartmann von Aue: **war umbe untroestet ir mich** ‘why don’t you comfort me’, see Weiß 1998:174). The roots of BNDAs are often verbal and seem to fall in different classes from a semantic point of view (see also Dowty 1979). **Unaufhörlich/anfänglich** are related to aspectual verbs. Furthermore, there are de-attitudinal adjectives like **unglaublich** ‘unbelievable’ and **unzweifelig** ‘undoubted’, de-causative adjectives like **unerlässlich** ‘essential’; de-deontic adjectives like legal **unpflichtig** (15th century) ‘not owing sth to sb.’ – all with a quantificational meaning component – and adjectives that relate to verbs of motion like **undurchdringlich** ‘impenetrable’. In **unvergesslich** ‘unforgettable’, negation changes the argument structure of the base adjective **vergesslich** ‘forgetful’. Both items are related to the positive verbal root of **sich erinnern** ‘remember’ and the adjective **erinnerlich** ‘remembered’. But ***unerinnerlich** is not attested. Moreover, ergativity might be worth investigating (Horn 1989: 279). And, there are cases that do not readily fit the picture like **unbändig** ‘unruly’, for example. That is, the phenomenon of BNDAs might not be uniform. We have an account for adjectives related to aspectual verbs.

BACKGROUND/INGREDIENTS The basic idea for our analysis is that BNDAs and their duals are associated with “a contextually given structured individual” (see Piñango/Deo 2016), “a scale” in terms of Kennedy/McNally 2005 or “a lattice” in terms of Krifka 1992). In the case of **anfänglich/unaufhörlich**, this individual is a time interval *I*. It contains a change of state (see also Löbner 1990 on **anfangen** and **aufhören**), i.e., it is divided in a *P*-subpart and a $\neg P$ -subpart. The two complementary subparts determine each other, as illustrated in (3).

$N(I)$

(3) |+++++//-----| Interval I
+++ = the times where a state *P* is holds The *P*-subpart
----= the times where the state *P* does not hold anymore The $\neg P$ -subpart

The slashes “//” in (3) position the transition from a *P*-subpart into a $\neg P$ -subpart. It is similar to the neutral zone or gap on a scale associated with antonymous adjectives like **happy** and **unhappy**. In addition, we assume that there are alternative intervals relevant for the interpretation. The alternative intervals differ wrt. where the change of state $N_i(I)$ is positioned, as illustrated in (4). The $\neg P$ -subpart may be maximal $N_{max}(I)$ or minimal $N_{min}(I)$ or somewhere in between: $N_i(I)$. The different alternatives may be kept apart by just looking at the position of the neutral zone $N(I)$.

