

MORPHOSYNTACTIC PROPERTIES OF THE CYPRIOT GREEK -NDE*

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This paper explores the morphosyntax of a rather unusual suffix used by specific populations in the variety of Cypriot Greek, in order to present in detail its distribution in the clause, as well as provide some suggestions with regard to its possible syntax. Among other phenomena in the literature of the Cypriot Greek syntax, the behavior of the Cypriot Greek suffix *-nde* in the clause is unique to the variety in question when compared to the close variety of Standard Modern Greek. The interesting implications as discussed in the paper concern its blocking with post-verbal clitic placement, while the fact that no other similar phenomena of this type appear in this variety suggest a possible borrowing from other languages in contact.

1 Introduction

The linguistic situation in Cyprus is not irrelevant to the appearance of this unusual suffix on the verb, as phonologically similar cases appear in Standard Modern Greek (hence SMG) and Turkish. The linguistic status of the Republic of Cyprus is traditionally described as diglossic, with a sociolinguistically ‘low’ variety of CG co-existing with the ‘high’ Standard Modern Greek, the variety spoken in mainland Greece. Cyprus shows *de jure* bilingualism (Greek, Turkish; referring to the standard varieties in both cases) and *de facto* trilingualism in Greek, Turkish and English (Arvaniti, 2002) or bilingualism in SMG and CG (Newton, 1972; Vassiliou, 1995) or bidialectism in SMG and CG (e.g. Pavlou and Christodoulou, 2001; Yiakoumetti et al, 2005) or more generally a ‘bi-x’ context (Grohmann, 2011; Grohmann and Leivada, 2012; Grohmann et al, 2012) proposed to cover any possible combination of language-dialect. Another approach (Rowe and Grohmann, 2012) suggests that a *co-overt prestige* of CG has prevented its

· This topic was firstly discussed in Pavlou and Panagiotidis (in press), where the focus was on the possible borrowing of *-nde* and some of the syntactic restrictions mentioned in the current paper. I would like to thank Phoebos Panagiotidis for encouraging me to think about this topic and Karlos Arregi for a long fruitful discussion of the data. I also thank Anastasia Giannakidou for her suggestions and the audiences of the MGDLT 5 and the Challenging Clitics workshop, where an earlier version of this paper was presented.

death and that diglossia in Cyprus relates to a type B diglossia. In this sense, the individual speakers of this society are identified as (discrete) ‘bilectal’.

The defined linguistic environment clarifies that we have at least two linguistic codes (whatever their status is), whose grammars, even if not clearly defined, can intervene with one another, as SMG input is provided through the medium of television programs, books, and education. As Grohmann and Leivada (2012) point out, in contexts involving the coexistence of a standard and a regional variety, syntactic differences fade away with the passing of time in favor of an intermediate (Cornips, 2006) or ‘diglossic’ speech repertoire (Auer, 2000, 2005), based on a more standard/dialect continuum.

The morphological productivity of the verb with regard to *-nde* in Cypriot Greek (hence, CG) as presented in this paper is particularly interesting, because it seems to deviate from the usual verb paradigm that could be constructed for CG. In (1), the optionality of the *-nde* suffix on the verb is acceptable by speakers, while its presence can be related to a lack of a significant function (inflectional vs. derivational) on the morphological structure of the verb.

- (1) E fame(-nde) to fain.
ate.1PL-nde the.ACC food.ACC
 ‘We ate the food’

Apart from its importance in the morphosyntax of CG, it can be observed that *-nde* is used less among younger populations and avoided by speakers that associate it with the *xorkatika* ‘peasantry’ register. This term is used by speakers nowadays to refer to a particular way of speech characterized by features of non-formal way of speaking, irrelevant to an urban vs. rural dialect (Tsiplakou et al, 2006). CG undergoes ‘dialect moribundity’, in the sense of ‘dialect loss’ associated with loss of specific features (Rowe and Grohmann, 2012), so it could also be the case that the synchronic point of view of this paper may lack a more diachronic use of the particular item in the absence of previous literature.

The morphological restrictions of the appearance of *-nde* on the verb and the syntactic consequences of its presence in the clause will be discussed in Section 2. One of the motivating factors to believe that *-nde* is not restricted to the morphological representation, but rather extends, or even just concerns certain syntactic aspects will be mainly based on its interaction with clitic placement. Clitic placement in CG, a well-studied phenomenon by now (Grohmann et al, 2012, among others), has been argued to target post-verbal positions except in a few cases. The ungrammaticality of a post-verbal clitic with *-nde*, following the speakers’ judgments, and the insignificant role of it in the morphology of the verb provide the grounds to argue for a more complex syntactic analysis.

Even for elements appearing as affixes on a host, it is not always the case that one could not treat them as syntactic items. Languages that use post-verbal clitics can allow their affixation in certain environments, as discussed in Section 3, but what does that imply for the word/affix nature of clitics?

In Section 4, the suggestions follow the data from the previous sections and propose that this phenomenon can be viewed either as morphological by finding a way to explain the ungrammaticality with post-verbal clitics or as a true case of affixation/fusion by treating *-nde* as a syntactic item that affixes on the verb.

2 Morphology or syntax?

The appearance of *-nde* as a verb suffix creates the first question concerning the morphology of the verb. The optionality of it suggests that this is not a necessary morpheme that takes a particular function for the usual inflectional or derivational part of morphology. In fact, as will be seen below *-nde* appears after the inflectional morphemes have attached to the stem, satisfying any relevant person and tense features. No other similar cases in CG have been recorded or can be observed to show a similar type of morphological productivity, suggesting that the case of *-nde* may be a case of true affixation of an element to the verb.

The verb paradigm for a verb like *ðino* ‘tie’ in the and a second conjugation a verb like *ayapo* ‘love’ in the second conjugation are given in Table 1 below.¹ At large, the verb paradigm for these two cases follows the verb paradigm on SMG with the exception of the suffix *-usin* for the 3rd person plural and the past tense prefixed augment *e-*, which has been preserved from Ancient Greek (Joseph and Tserdanelis, 2003).

	First Conjugation			Second Conjugation		
	Non-Past. Imperfective	Past. Perfective	Non-Past. Perfective	Non-Past. Imperfective	Past. Perfective	Non-Past. Perfective
1 sg	'ðin-o	'e-ðis-a	'ðis-o	aya' p-o	a' yapis-a	aya' pis-o
2 sg	'ðin-is	'e-ðis-es	'ðis-is	aya' p-as	a' yapis-es	aya' pis-is
3 sg	'ðin-i	'e-ðis-e	'ðis-i	aya' p-a	a' yapis-e	aya' pis-i
1 pl	'ðin-ume(n)	e-'ðis- ame(n)	'ðis-ume(n)	aya' p- ume(n)	aya' pis- ame(n)	aya' pis- ume(n)
2 pl	'ðin-ete	e-'ðis-ete	'ðis-ete	aya' p-ate	aya' pis-ete	aya' pis- ete
3 pl	'ðin-usin/ 'ðin-un	e-'ðis- asin/ 'e-ðis-an	'ðis-usin/ 'ðis-un	aya' p-usin/ aya' p-un	aya' pis- asin/ aya' pis-an	aya' pis- usin/ aya' p-un

Table 1. The CG verb paradigm

The CG *-nde* shows morphological restrictions in its distribution. As already mentioned, it always appears as a bound form and can only take a verb as its host.

- (2) Eðisame-nde ti varkan
tied.1PL-nde the boat
 ‘We tied the boat’

¹ The distinction follows the one usually assumed for Modern Greek. Verb conjugation in Modern Greek depends mainly on stress: verbs in the first conjugation have the stress on the penultimate syllable, while verbs in the second conjugation take stress on the last syllable.

One of the main restrictions is that *-nde* can only attach to a verb with 1st person plural morphology. For example, if *-nde* attaches to a verb carrying 1st person singular morphology, then the sentence is ungrammatical:

- (3) * Eðisa-nde ti varkan
tied.ISG-nde the boat
 ‘I tied the boat’

Even though, it does not appear in the verb paradigm of CG, the restriction of *-nde* with regard to number could indicate either a preference to attach on the *-me* suffix for phonological or other related reasons or for semantic reasons that could be related with the direct access to the speaker.

Further, it does not show any restriction to tense, as it can be used to refer to the past (4), the present (5) or the future (6).

- (4) Eðisame-nde ti varkan.
tied.nde-1PL the-ACC boat-ACC
 ‘We tied the boat’
- (5) ðinume-nde ti varkan.
tie.nde-1PL to-the-ACC boat-ACC
 ‘We are tying the boat’
- (6) Enna ðisume-nde ti varkan.
will tie.nde-1PL to-the-ACC boat-ACC
 ‘We will tie the boat’

SMG also uses *(n)de*, as a prosodically prominent lexical item, which plays an important role in the meaning of the sentence (data taken from Pavlou and Panagiotidis, in press). Consider the following:

- (7) a. Kala
fine-ADV
 ‘Fine’
- b. Kala de!
fine-ADV de
 ‘Yeah, fine.’
- (8) a. Ela mu?
come me-DAT.CLI
 ‘Excuse me?’
- b. Ela mu de!
come me-DAT.CLI de
 ‘Fancy that!’
- (9) a. Siya
slowly-ADV
 ‘Slowly’
- b. Siya de
slowly-ADV de
 ‘Take it easy!’

(SMG)

SMG *(n)de* could possibly be related to *lipon* (which has a direct translation ‘so’) (Leivada, pc), but is uttered in contexts where it appears at the clause-final position and comes as an objection to the previously uttered statement. In SMG, *(n)de* is purely a discourse particle

which possibly adds emphasis to the context in certain occasions. In all the examples above, it is used in the final position in the clause and does not appear to be affected by the preceding item. However, these sentences form fixed phrases and its use in a more productive way has not been documented. The SMG *(n)de* can also be found in initial positions in the clause as the following examples show:

(10) a. De ke kala (na vɣo mazi su)
de and well-ADV (to go-1SG with you.GEN)
 ‘I should go out with you in any case’²

b. De ke soni
de and enough-ADV
 ‘whatever happens’

(Leivada, pc)
 (SMG)

It seems from the example in (10) that *(n)de* imposes a certain meaning in initial positions in the clause. Apart from a phonological similarity with the CG *-nde*, the SMG *(n)de* also adds or alters the meaning of the sentence. The two, though, are fundamentally different- and possibly irrelevant to each other- when compared with the more complex restrictions that the CG *-nde* imposes.

Based on what was said above, *-nde* cannot be assumed to be an inflectional suffix, since the 1st person plural suffix *-me* already carries the inflection features. It should also be noted that *-nde* cannot appear before *-me* (e.g. *ipcandeme), so it always needs to appear after inflection has taken place (either that is a procedure in the lexicon or the syntax). Inflectional clitics are argued to be lexical clitics, only if they can interact with canonically distributed inflectional affixes and appear inside of other inflections (Halpern, 1995). By arguing that *-nde* is an inflectional affix, there are two problems occurring. One problem is the redundancy of the assumption that there are two suffixes for 1st person plural suffixes in Cypriot Greek, with one of them appearing optionally or with both of them appearing at the same time. Two different suffixes can appear in the 3rd person plural, namely *-usin* and *-un* or *-asin* and *-an*, but the two can never appear at the same time. Another problem is that, if *-nde* is an inflectional affix and can affect the distribution of pronominal clitics as will be discussed later, then this should be the case for other inflectional affixes as well.

The grammatical properties of *-nde* can be revealing with regard to its semantic or pragmatic function. The data considered so far cannot provide any strong support to the idea that *-nde* has a particular role to play in the verb morphology. Before considering its interaction with syntax, the pragmatic use of *(n)de* in SMG in the way that it interacts with the meaning of the sentence, will also be extended for the CG *-nde* as well.

It is clear from the morphosyntactic restriction on agreement that *-nde* carries a certain meaning or relation to semantics. A possible argument is that *-nde* carries some feature or rather that it behaves in a speaker-oriented manner. Speaker oriented suffixes, as appearing in Korean (Chung, 1999) for example, are argued to be associated with the speech acts that the speaker is directing towards the addressee. In Pavlou and Panagiotidis (in press), it is argued that *-nde* is a validation marker that shares the property of ‘unspecified’ direct experience that relates to the

² *De ke kala* and *de ke soni*, (‘no matter what’) can be translated as ‘willy-nilly’, to express that an action will happen whether you desire it or not.

direct experience coming from the speaker. CG *-nde* assigns the speaker/speakers himself/themselves as a reliable source of information, gained in unspecified time, who believes in the proposition expressed. The actual time of the action is irrelevant for the truth value of the proposition, hence there is no restriction on the use of the *-nde* suffix.

A validational marker in the sense assumed in Pavlou and Panagiotidis (in press) does not fall under the same category with evidentials, as evidentials are usually assumed to denote an already experienced event and *-nde* can be used for events not yet experienced. Given that an evidential marker designates a grammatical element that indicates the speaker's source of information (Anderson 1986) and it requires direct experience, *-nde* is not included in this classification based on its lack of tense restrictions. Consider the following example where a speaker, who has not experienced an action, can use *-nde* for a future event:

- (11) Enna pame-nde sto yamon
will go.nde-1PL to-the-ACC wedding-ACC
 'We will go to the wedding.'

In addition, the example in (12) appears in a context where the speaker refers to the future in the present context by using the past form of the verb to express that the action has supposedly been completed:

- (12) Ate efiame-nde!
come.on left.nde-1PL.
 'Let's go' [lit. 'We left']

This section gave the environments where *-nde* is allowed and the restrictions appearing with morphology or agreement. The restriction appearing with its appearance after no other inflection other than 1st person singular is believed to be associated with its semantic function in the clause, which is strongly associated with the speaker and the common experience she is referring to when describing the event. The data presented here, however, do not seem to suggest a strong relation of *-nde* with a morphological function and further suggests that it could interact with syntax and other structural restrictions. The following section investigates exactly the behavior of *-nde* in the clause with special reference to clitic placement in CG.

2.1 Implications from post-verbal clitic placement

Object clitic placement in CG is characterized by post-verbal placement of the clitic in simple declarative sentences and pre-verbal clitic placement in wh-questions, negation and *na*-clauses.

- (13) To akuse SMG declarative
it-CLI.3SG listened-3SG
 'S/he drank it'
- (14) Akuse ⁿdo CG declarative
lsitened-3SG it-CLI.3SG
 'S/he drank it'

- (15) Thelo na to akuso (*to) CG *na*-clause
want-1SG to it-CLI.3SG listen-1SG it-CLI.3SG
 ‘I want to hear it’
- (16) En to akuo (*to) CG negation
not-NEG it-CLI.3SG listen-1SG it-CLI.3SG
 ‘I am not listening it’
- (17) Pcos/Pu/Pote/Jati to akui (*to)? CG *wh*-question
who/where/when/why it-CLI.3SG listen-3SG it-CLI.3SG
 ‘Who is drinking it/ Where/when/why is he listening it?’

Post-verbal clitics³ are obligatory in the context of *en dze*:

- (18) En dze (*to) akusa to
not and it-CLI.3SG listened-1sg it-cli.3sg
 ‘I didn’t hear it’

Moreover, both placement options are possible with the complementizers *oti* ‘that’ and *jati* ‘because’ (19–20).

- (19) Kseri oti (to) akuses (to) CG *oti*-complementizer
knows-3SG that it-CLI.3SG listened-2SG it-CLI.3SG
 ‘She knows that you heard it’
- (20) Kseri jati (to) akuses (to) CG *jati*-complementizer
knows-3SG because it-CLI.3SG listened-2SG it-CLI.3SG
 ‘She knows because you heard it’

Finally, just like in SMG, only post-verbal clitics are allowed in imperative sentences⁴ (21).

- (21) Aku to CG imperative
eat-2SG it-CLI.3SG
 ‘Hear it’
- (22) *To aku
it-CLI.3SG listen-2SG
 ‘Hear it’

³ Other elements, like pronouns, can appear post-verbally in phrasal comparatives (see Merchant 2012 for a discussion on SMG). The following is an example for CG:

(1) En pcjo psilos tu
is.3SG more tall him-3P.GEN
 ‘He is taller than him’

⁴ Bošković (2006) argues that ‘affix hopping + copy and delete’ accounts for postverbal clitics in imperatives, with special reference to the possible appearance of dative-accusative and accusative-dative clitic orders in Greek. Postverbal clitic placement in imperatives is a matter of a switch forced by PF considerations, and not syntax.

Syntactic analyses of mixed clitic placement in CG (Agouraki, 2001; Terzi 1999a, 1999b) have suggested that the verb in CG moves to a higher position (CG is pro-drop) and generates the verb-clitic order. Agouraki proposes that the verb moves to C^0 in order to satisfy the ‘filled C’-criterion in CG. On a feature-based account, Terzi suggests that the verb needs to move to the Mood⁰ to satisfy strong V features. In both cases though, verb movement is assumed for the possibility of generating both positions.

When *-nde* appears on the verb, it is not allowed in the presence of a post-verbal clitic, as follows:

- (23) *Akusame-nde to
listened.nde-IPL. it-CLI.ACC
 ‘We listened it’

However, the same restriction does not appear in proclisis contexts, when *-nde* is not adjacent to a clitic.

- (24) Speaker A: Idete to ergo?
saw-2PL the-ACC movie-ACC
 ‘Have you seen the movie?’

Speaker B: Theloume na to dume-nde.
want-IPL to it-CLI.ACC see.nde-IPL
 ‘We want to see it’

(Neocleous, pc)

In other proclisis environments, like *wh*-questions, *-nde* can also be used:

- (25) a. Pci efame-nde sto trapezi?
who ate.nde-IPL at-the dinner
 ‘Who ate at the dinner?’
- b. Pci embu efame-nde sto trapezi?
who embu ate.nde-IPL at-the dinner
 ‘Who ate at the dinner?’

In the same context, *wh*-questions can appear with clitics with the use of *-nde*:

- (26) Pci to akusame-nde?
who it-CLI.ACC listened.nde-IPL
 ‘Who heard it?’

In negative environments, *-nde* can appear with a full DP (27).

- (27) En akusame-nde to trayuđi
not-NEG listened.nde-IPL the song-ACC
 ‘We did not listen the song’

With regard to clitic appearance and negation, variation can appear among the speakers (28).

- (28)(?) En to akusame-nde
not-NEG it-CLI.ACC listened.nde-1PL
 ‘We did not hear it’

These data show that *-nde* interacts with the syntactic environment and more particularly with post-verbal object clitic placement. Clitics can appear in the clause, if they do not appear adjacent to *-nde*, as in *wh*-questions, negation and *na*-clauses. What are the implications of this behavior? Could one say that a post-verbal clitic and *-nde* compete for the same position? Could it be a phonological restriction that originates from the adjacency of the two? Some possible suggestions will be outlined in Section 4, arguing for possible position of *-nde* in the clause. Importantly though, *-nde* does not seem to contribute to the morphological structure of the verb, but rather appears as part of the verb and affects syntactic elements positioned closed to it.

3 Affixation

Affixation of post-verbal clitics on the verb is not an unusual concept for languages that allow this. In a language like European Portuguese, also a mixed clitic placement language with certain restrictions on the syntactic environment (see Lobo and Costa 2012 for a more detailed discussion), has pronominal object clitics as mentioned for CG, but can also have clitics attaching to auxiliary verbs in the following contexts:

- (29) a. *tinha-me dado*
had-me-CLI given
 ‘has given me’
- b. *Vai-me dar*
go-me-CLIGive-INF
 ‘is going to give me’
- c. *vai dar-me*
go give-me-CLI

(Lobo, pc)

In Galves, Ribeiro and Moraes (2005) clitics in European Portuguese are defined as Infl-clitics and have a morpho-phonological property, subject to word formation rules like any other affixes. The clitic attachment to an auxiliary also appears as a possibility:

- (30) *tinham-se entendido perfeitamente*
and had-CLI.3SG understood perfectly
 ‘and they had understood each other perfectly’

(Galves, Ribeiro and Moraes 2005)

Enclitics attaching to auxiliaries in cases with a preposition appearing before the verb are also reported for European Portuguese.

- (31) O senhor está-me a guiar em silêncio
the sir is-CLI.ISG to lead in silence
 ‘You are leading me in silence’

(Galves, Ribeiro and Moraes 2005)

Given these examples, a late syntactic or post-syntactic process is assumed to reorder the syntax so that the phonological or morphological criteria are satisfied and that the special feature involved is responsible for this. In this analysis, the position of clitics is defined by morphological rules, like word affixes.

It is often the case that research on the topic has focused on arguing that post-verbal clitics in certain environments behave as suffixes (see Pycha, 2013 for a discussion on Spanish pronouns) on the verb. If clitics in this environment needs to fulfil a particular adjacency condition, or are thought as affixes than lexically prominent items, then the presence of *-nde* on the verb seems to act as an intervener between the clitic and the verb. Such an argument has not been supported for CG and there is no strong data to support this in a direct way as this would appear in Portuguese. However, it is necessary to emphasize that already existed literature (see also Mavrogiorgos, 2010) has emphasized in showing the possibility of affixation of a clitic following the verb in order to indicate the close relation of the post-verbal clitic and its host.

4 Possible scenarios

In this section, two possible scenarios will be discussed to argue for the position of the CG *-nde* following its distribution with object clitics, as discussed in the previous section. It has been argued in Section 2 that *-nde* does not contribute morphologically to the verb and in other words it does not carry any morphological features (i.e. inflectional features). The agreement restriction with 1st person plural is assumed to be a semantic restriction of the type met in other languages and referred to as speaker-oriented modality. It is further implied that *-nde* interacts with the syntax of the CG clause in a way discussed in the previous section and it therefore needs to be given a syntactic account for its distribution in the clause.

4.1 *-nde* as directly merged on the verb

By assuming that the originating position of a post-verbal pronominal clitic and *-nde* is definitely a different one, we cannot argue that the ungrammaticality found when the two exist in the same clause originates from competition for the same position. In fact, if post-verbal clitics placement is derived by verb movement, then the clitic position or any position associated with it is already occupied with the clitic.

One possible assumption argued in Pavlou and Panagiotidis (in press) is that *-nde* attaches to the verb before verb movement, and not after movement to a higher position like C (Agouraki, 2010) or Mood (Terzi, 1999a, 1999b), since it can appear with preverbal object clitics. Generating the clitic-verb or verb-clitic structure has been argued to depend on the movement of the verb to higher projections, which is commonly found in feature-driven verb movements in

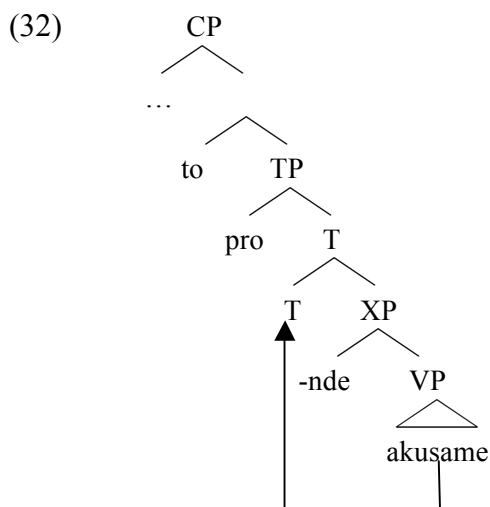
null-subject languages. The grammaticality of *-nde* with a pre-verbal clitic indicates that *-nde* can be merged with the verb while still in the vP and not in any other particular position to satisfy any features (Agouraki, 2010). If verb movement triggers the post-verbal placement in Cypriot Greek, it could be argued that the merge of *-nde* on the verb prevents verb movement to a higher position and only proclisis is allowed. The insertion of *-nde* may be a late insertion, since it does not satisfy any morphological features on the verb.

The other environments showing restrictions to post-verbal clitic placement, such as wh-questions, *na*-clause and negative environments, differ from the case of *-nde* in deriving obligatory proclitic environments. It should also be noted that all the environments restricting post-verbal clitic placement are found pre-verbally (wh-phrases, negation, *na*-head), but the restriction speakers claim to have with *-nde* can be seen only post-verbally, as *-nde* appears as a suffix on the verb. It could be, however, that another scenario argues better for the position of *-nde* in the syntax of CG and it is not actually post-verbally positioned as it appears to be.

4.2. *-nde* as a different projection

The assumption that *-nde* is inserted directly on the verb when treated solely as a morphological phenomenon firstly does not explain the assumption that the verb does not move in that case, and secondly the lack of theoretical motivation for morphology to assume that *-nde* is inserted to contribute to the morphological structure of the verb. Another possible scenario would want *-nde* to be inserted below T so that when the verb moves to T, it triggers fusion of the verb. The *-nde* head possibly blocks further movement of the verb to a higher projection, hence disallowing the overt appearance of a post-verbal clitic that is usually assumed to be in a higher position⁵ than TP in CG. In this scenario, post-verbal clitic placement in the presence of *-nde* is not disallowed because of an adjacency condition between the object clitic and the verb while *-nde* is intervening, but because of no movement of the verb to a higher position than the clitic.

For a proclitic environment involving an object clitic *to* ‘it’ appearing before the verb ...*to akusamende* ‘(we) heard it’, the following structure applies:



⁵ I will not discuss here whether this is a derived position or not, as this is a topic that deserves its own investigation and I will just focus on verb movement and how the latter interacts with the clitic in that higher position. Verb movement has been assumed also in Agouraki (2001) and Terzi (1999a, 1999b) to predict the possibility of post-verbal clitic placement.

In (32), the verb moves to T, hence deriving the linear order of the verb and *-nde*. Fusion of the two heads takes place then (whether this would be a phonological effect or a result of syntactic movement will not be discussed here). This assumption gives the correct order for other structures, such as negation, where proclisis is also observed.

This analysis gives a different view on the position of *-nde* in the clause, not as a morphological suffix, but rather an item (whatever category that is) that affixes on the verb and stops its movement to a higher position.

5 Conclusion

This paper investigates the distribution of the Cypriot Greek *-nde*, which appears as a suffix on the verb. It shows certain agreement restrictions, but these are assumed to originate from a possible speaker-oriented interpretation that it imposes to the semantics of the clause. Even though it appears as part of the CG verb, it is argued that this is actually a syntactic matter. One of the main reasons for this argument is the lack of relevant (overt) features functioning in the morphological derivation of the verb.

This phenomenon has been addressed with regard to post-verbal object clitics that CG allows in declarative contexts, but disallows in the presence of *-nde*. Two proposed analyses suggest that *-nde* actually targets the verb (Pavlou and Panagiotidis) or that it actually affixes to the verb by fusion, as long as the two appear in the relevant environment that allows them to do so. The latter follows the argument that the verb moves in CG, which gives the result of post-verbal clitic placement, but the fusion of *-nde* with the verb blocks further movement to a higher position. The most interesting point though is that following the speakers' intuitions the CG *-nde* interacts with the syntax of the clause, even if it does not form a syntactic element that can appear on its own.

References

- Agouraki, Yorgia. 2001. The position of clitics in Cypriot Greek. *Proceedings of the First International Conference of Modern Greek Dialects and Linguistic Theory*, Angela Ralli, Brian Joseph & Mark Janse (eds), University of Patras, p. 1–17.
- Agouraki, Yorgia. 2010. It-clefts and stressed operators in the pre-verbal field of Cypriot Greek. *Lingua*, 120 (3): 527–554.
- Anderson, Lloyd B. 1986. Evidentials, Paths of Change and Mental Maps: Typologically Regular Assymetries. In *Evidentiality: The linguistic code of epistemology*, Wallace Chafe and Johanna Nichols (eds), 273–312, Norwood, NJ: Ablex.
- Arvaniti, Amalia. 2002. *The maintenance of diglossia in Cyprus and the emergence of Cypriot Standard Greek*. Ms., University of California, San Diego.
- Auer, Peter. 2005a. The construction of linguistic borders and the linguistic construction of borders. In *Dialects across Borders: Selected Papers from the 11th International Conference on Methods in Dialectology (Methods XI)*, Markku Filppula, Juhani Klemola, Marjatt Palander & Esa Penttilä (eds), John Benjamins, Amsterdam: 3–30

- Auer, Peter. 2005b. Europe's sociolinguistic unity, or: A typology of European dialect/ standard constellations. In *Perspectives on Variation (Trends in Linguistics: Perspectives on Variation)*, Nicole Delbecque et al. (eds), Berlin: 7–42.
- Bošković, Željko. 2004. On the clitic switch in Greek imperatives. In *Balkan syntax and semantics*, Mišeska Tomić Olga (ed). John Benjamins, Amsterdam: 285–310.
- Chung, Kyung-Sook. 1999. Deictic and Anaphoric Tense in Korean: A two-tiered approach. Phd dissertation, Simon Fraser University.
- Cornips, Leonie. 2006. Intermediate syntactic variants in a dialect-standard speech repertoire and relative acceptability. In Gisbert Fanselow, Caroline Féry, Ralph Vogel & Matthias Schlesewsky (eds.), *Gradience in Grammar: Generative Perspectives*. Oxford: Oxford University Press: 85–105
- Galves, Charlotte, Ribeiro, Ilza & Moraes, Maria Aparecida Torres. 2005. Syntax and Morphology in the Placement of Clitics in European and Brazilian Portuguese. In *Journal of Portuguese Linguistics*, 2(4), 143–177.
- Galves, Charlotte. and Sândalo, Filomena. 2004. Clitic-Placement in European Portuguese and the Syntax-Phonology Interface. In *Collected Papers on Romance syntax*, A. Castro, M. Ferreira, V. Hacquard and A. P. Salanova. (eds.) Romance Op. 47, , MIT Working Papers in Linguistics 47:115–128.
- Grohmann, Kleanthes K. 2011. Some directions for the systematic investigation of the acquisition of Cypriot Greek: A new perspective on production abilities from object clitic placement. In *The Development of Grammar: Language Acquisition and Diachronic Change*, Esther Rinke and Tanja Kupisch (eds), Amsterdam: John Benjamins: 179–203.
- Grohmann, Kleanthes K. & Leivada, Evelina. 2012. Interface ingredients of dialect design: Bi-x, socio-syntax of development, and the grammar of Cypriot Greek. In *Towards a Bilingual Understanding of Grammar: Essays on Interfaces*, A.M. Di Sciullo (ed.), Amsterdam: John Benjamins.
- Grohmann, Kleanthes K., Theodorou, Eleni, Pavlou, Natalia, Leivada, Evelina, Papadopoulou, Elena, & Martínez-Ferreiro, Silvia. 2012. The development of object clitic placement in Cypriot Greek and the Romance connection. In *Selected Proceedings of the Romance Turn IV*, Sandrine Ferré, Philippe Prévost, Laurie Tuller, and Rasha Zebib (eds), Newcastle-upon-Tyne: Cambridge Scholars Publishing.
- Halpern, Aaron. 1995. On the Placement and Morphology of Clitics. Stanford, Calif: CSLI Publication.
- Joseph, Brian & Georgios Tserdanelis. 2003. Modern Greek. In *Variationstypologie/Variation Typology*, ed. by Thorsten Roelcke. Berlin: Mouton de Gruyter, pp.823-836.
- Lobo, Maria & Costa, João. 2012. *Acquisition of Clitic Placement in European Portuguese*. Paper presented in the CYCLIA Workshop on the Acquisition of Clitics, University of Cyprus, Nicosia, (25–26 May).
- Mavrogiorgos, M. 2010. *Clitics in Greek. A minimalist account of proclisis and enclisis*. Amsterdam: John Benjamins.
- Newton, Brian. 1972. *Cypriot Greek: Its Phonology and Inflections*. The Hague: Mouton.
- Pavlou, Natalia and Phoevos Panagiotidis. In press. The morphosyntax of -nde and post-verbal clitics in Cypriot Greek. In Christine Meklenborg Salvesen & Hans Petter Helland (eds.) *Challenging Clitics*, John Benjamins (2006), pp [].
- Pavlou, Pavlos & Christodoulou, N. 2001. Bidialectism in Cyprus and its impact on the teaching of Greek as a foreign language. *International Journal of Applied Linguistics* 11, 75–91.

- Pycha, Anne. 2013. Do listeners perceive roots and affixes differently? Paper presented at Colloquium, Department of Linguistics, University of Chicago.
- Rowe, Charley and Grohmann, Kleanthes K. 2012. *Testing the state of diglossia in Cyprus: Cypriots, binationals, and diglossic shift*. Ms, University of Cyprus.
- Terzi, Arhonto. 1999a. Clitic combinations, their hosts and their ordering. *Natural Language and Linguistic Inquiry*, 17, 85–121.
- Terzi, Arhonto. 1999b. Cypriot Greek clitics and their positioning restrictions. In *Studies in Greek Syntax*, Artemis Alexiadou, Geoffrey Horrocks and Melita Stavrou (eds.), Dordrecht: Kluwer Academic Publishers: 227–240.
- Vassiliou, Elena. 1995. Cypriot as a VOS language. *La Trobe Working Papers in Linguistics* 8, 135–149.
- Tsiplakou, Stavroula, Andreas Papapavlou, Pavlos Pavlou & Marianna Katsoyannou. 2006. In Frans Hinskens (ed.), *Language Variation- European Perspectives: Selected papers from the Third International Conference on Language Variation in Europe (ICLaVE 3)*, John Benjamins, Amsterdam.
- Yiakoumetti, Androulla, Evans, Michael & Esch, Eiff. 2005. Language awareness in a bidialectal setting: The oral performance and language attitudes of urban and rural students in Cyprus. *Language Awareness* 14, 254–260.