In Ipili, a language of Papua New Guinea, verbs have an elaborate morphology. With few exceptions, clauses end in a finite verb that is inflected for tense/mood/aspect, person and number (Ingemann 1997a). Non-final verbs may be inflected in the same way as sentence-final verbs if they occur in dependent or conjoined clauses or they may have any of several non-finite suffixes. Except in very simple utterances, sentences typically contain more than one verb, as can seen in (1), which consists of ten sentences at the beginning of an autobiographical account. In this example, verbs, whether finite or non-finite, are printed in italics.

(1) 1 wamba mba pe-kom, atewa 2 atalu, atewane-ko, Mosepi pewa 3 Mosepi pulu, e ana lapo atewa 4 atalu, epewa 5 oalı peke lewa 6 ipulu, namba angini mali psyi ateai-kola, epewa 7 omea ote 8 omandaka yia yaweaini nema 9 nalu, atewane-ko, o amango mali lima 10 mali hua atema-kola, wanda namba-na peteyapa Sangame bala epeae pia

1 Long ago you went and I stayed 2 Having stayed, I stayed and then I went to Port Moresby 3 Having gone to Port Moresby, I stayed for two years 4 Having stayed, I came 5 I returned here 6 Having come, they had buried my mother and I came 7 She died 8 At the memorial, we ate pork that they roasted 9 Having eaten, we stayed and then we had a dance here on the field 10 We were dancing and the woman I am now married to, Sangame, she came

The proliferation of verbs occurs in part because most sentences in an oral narration begin with a recapitulation of the final verb in the previous sentence (Ingemann 1994) but also because Ipili has a very limited number of verb roots and very little derivation. There are, for example, no clear nominalizing affixes that create nouns from verbs. Consequently, verbs are used in instances where other languages might use nouns, adjectives or prepositional phrases. In addition, because Ipili has fewer than 100 distinct verb roots, the precision that occurs in other languages through lexical selection is achieved in Ipili through a series of verbs, only the last of which is inflected.

One verbal suffix that is unusual in that it occurs after verbal inflections is -ne. This suffix has a number of different functions depending on the tense with which it occurs and the syntactic role of the

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1 Ipili is spoken by about 8000 inhabitants of the Porgera and Pauoa regions of the Enga Province. It has been classified by Wurm (1982) as a member of the West-Central Family within the East New Guinea Highland stock.

This paper is based on information collected at various times over a 30 year period from a number of different Ipili speakers and was supported in part by the University of Kansas, the Lutheran Church-Missouri Synod, the National Science Foundation and the Werner-Gren Foundation. I especially want to acknowledge help from Pitu, with whom I worked most closely, and his brother, Pepeyanda, who was my first informant and who continued to help on subsequent visits to the field. Terry Borchard has contributed to my understanding of the language by making available to me a copy of his unpublished Ipili lessons and through discussions of various aspects of the language. I am also indebted to a number of missionaries in Papua New Guinea who generously helped make my work in the field possible with housing and logistic support.
verb within the sentence. Some of these uses were described in Ingemann 1997b. In the present article, the uses of -ne will be further examined in an effort to find some common core of meaning or function that would justify treating all these occurrences as a single morpheme rather than a group of homophonous morphemes.

When following the immediate past tense (1Pst) inflection, -ne changes the meaning of the verb to customary action, which refers to no specific event and consequently has no time reference. An example of customary action is illustrated in (2). In this and subsequent examples the verb with the -ne suffix being illustrated is underlined to distinguish it from any other verb or occurrence of -ne that might be present in the context.

(2) aiyane angmu ima la-mat-y-ama-ne
father mother and say-give-1Pst-1p-CUST
'We tell [the] father and mother.'

When the same form is embedded in a noun phrase, it may indicate customary action or simply something that has happened on one or more occasions previously, as illustrated in (3).

(3) andipa nwana mndh lauwa-ko pa-l-a-ne-ko-na peae pia
now youth one say-2Pst-1s-DEF go-1Pst-3s-CUST-DEF-LOC go-3Pst-3s-ne UNW
'Now the other young man that I mentioned went where he went before.'

Another use of -ne occurs with what I refer to as the second future (2Fut) inflection. The second future is a tense that is normally used in subordinate clauses. However, when the suffix -ne occurs with it, the verb can be the main verb of the sentence and it takes on the function of a negative imperative. Because the second future may occur in any person or number, it can also function as a warning or an admonition to prevent something from happening. The admonition not to do something is illustrated in (4) and the admonition to prevent something is illustrated in (5). Note that there is no negative marker in this construction.

(4) imba-to pi mndh k-ol-e-ne
2s-AGEN talk INDEF say-2Fut-2s-ADM
'Don't you say anything.'

Abbreviations used in examples are

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>1Pst</td>
<td>immediate past</td>
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<tr>
<td>2Pst</td>
<td>recent past</td>
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<td>3Pst</td>
<td>remote past</td>
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<td>2Fut</td>
<td>second future</td>
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2 -ne has several allomorphs in addition to /-ne/ /-nu/ in vowel harmony, /-le/ with dual suffixes, and a short form /-e/ that occurs obligatorily between /a/ and the particle pia and occasionally elsewhere.

3 Abbreviations used in examples are

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>ADM</td>
<td>admonition</td>
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<td>BGD</td>
<td>background</td>
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<tr>
<td>CUST</td>
<td>customary</td>
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<td>DEF</td>
<td>definite</td>
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<td>EMPH</td>
<td>emphatic</td>
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<td>INDEF</td>
<td>indefinite</td>
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<tr>
<td>LOC</td>
<td>locative</td>
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<tr>
<td>NEG</td>
<td>negative</td>
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<tr>
<td>STAT</td>
<td>stative</td>
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<td>UNW</td>
<td>unwitnessed</td>
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</table>

4 There is also a negative imperative formed with the negative na- prefixed to the affirmative imperative. I have not been able to establish a meaning difference between the two forms and whenever I asked if the imperative could be used in place of the -ne form, I was told that it would be correct.
(5) wanda mane and-ol-at-mi
   woman AGEN see-2Fut-2/3p-ADM
   'Don't let women see'

Borchard [1970 170] explains this construction as expressing "a possibility which may be a negative possibility". So, for instance, example (5) might be translated 'the women might see' with the connotation that this is something to be avoided. However, this interpretation does not fit all instances. Example (4) cannot be 'you might say something' but rather 'don't say anything'.

A third use of -ne is in a construction used to indicate that an event was not actually witnessed by the speaker. In this case, the verb is followed by pia. The verb is normally in the remote past tense, but also occurs in the recent past if the time-frame is appropriate. Examples of this use are given in (6) and (7).

(6) yang: ando at-e-at-mi pia
    part see-ing stand-3Pst-2/3p-UNW UNW
    'Some [of them] stood looking'

(7) bala yataka a-p1-at-mi pia
    3s angry be-2Pst-2/3p-UNW UNW
    'They were angry with him'

It should be noted that the un-witnessed construction is not used before the clause conjoining clitic -kola 'and' even if the verb is recapitulating an un-witnessed event in the previous sentence. In the example of this given in (8), the verb with the /e/ allomorph of -ne before pia indicates an un-witnessed event. The recapitulation at the beginning of the following sentence referring to the same event is not so marked.

(8) yu-nga tepa ya-nga molo p-e-a-s pia
    ground-LOC drop aux-3Pst-3s-LOC get-to go-3Pst-3s-UNW UNW
    'He went to get [it] where [it] went down on the ground'

molo p-e-a-kola
    get-to go-3Pst-3s-and
    'He went to get [it] and'

Other uses of -ne are not as easily explained. One common, but not obligatory, use is with finite verbs of any tense in a clause embedded in noun phrases. These verbs are in constructions that are functionally like relative clauses but have no overt relativizer. The embedded verbs are usually, but again not obligatorily, followed by the enclitic -ko, which also comes at the end of a noun phrase without an embedded verb to indicate definiteness. Example (9) illustrates the use of an embedded verb with -ne followed by -ko and example (10) an embedded verb without -ko. It may be that -ne and -ko are serving as relativizers in these constructions.

(9) kau apa tepo mindi mand-e-a-ne-ko
    lizard small three INDEF carry-3Pst-3s-ne-DEF
    'three small lizards that he carried [in his bag]'
'At the memonal, we ate pigs that they roasted.'

-né may also occur after the finite verb of any clause. Borchard [1970 20] states that

The '-né' ending is your testimony that you have personal knowledge of the fact and are not relying on other people's reports or other sources of information.

However, a speaker has personal knowledge of the facts in many statements that do not have -né. In fact, -né is remarkably absent from my texts when personal knowledge is involved. In these texts, personal knowledge is signaled by the absence of devices (such as the -né pia construction) which indicate that the speaker is not vouching for the authenticity of what he is saying. Borchard seems to have noticed this as well because he goes on to say

Its usage is somewhat restricted by limited circumstances in which it is used. I think it is used quite a bit in giving evidence in court cases. In ordinary conversation it seems to be used mostly in asking and answering questions. If a person asks you something it is quite obvious that he doesn’t know the answer to you can use the -né suffix to assure him you have personal knowledge in the matter and can give him an authoritative answer (p 71).

I do not have court proceedings so I cannot document the use of -né in these circumstances but I do have examples of its use in question and answer situations, particularly those concerning where someone is coming from or what he has done. As Borchard has noted, the -né is used in both the question and the answer.

What I have been able to observe about -né with main verbs is that it sometimes is used to present background information but it is not used for the main events of a narrative. For example, in (11) the speaker sets the stage for what he is about to tell concerning his mining for gold.

(11) namba wamba wete kate at-e-wa-ne kate p-e-wa-ne
    1s past EMPH Kare be-3Pst-1s-BGD Kare go-3Pst-1s-BGD
    'A long time ago I was at Kare I went to Kare.'

After the first two sentences, the speaker stops using -né except for customary action. Finally at the conclusion, when the recounting of events is completed, the final state is described with a verb ending in -né. This is shown in example (12).

(12) pndu andaka yata alu at-e-wa-ne
    goods at-house put having been be-3Pst-1s-BGD
    'having set up a store, I stayed.'

Another example not involving personal narration comes as the speaker is ending a story about how a bird came to have red eyes. After recounting how the bird’s eyes turned red when it cried so much because another bird took its beautiful feathers, the speaker recapitulates this fact in the sentence in (13).
It cannot be claimed that the speaker had personal knowledge of this mythical event and at this point the listener has already learned about the bird’s crying.

In trying to determine what all these uses of -ne with a finite verb might have in common, it is useful to contrast them with situations where -ne does not occur. It is never used with an imperative, desiderative, or hortatory inflection nor is it used with non-finite forms that cannot be the main verb of a sentence. It is rare as the main verb of a clause in accounts of events of which the speaker has personal knowledge and which are the focus of the discourse.

The only commonality for the uses of -ne seems to be that they distance the finite verb from the main line of the story. This is certainly true of the use in noun phrases and other situations where background or summary information is provided. The use with the future to form an admonition also removes the verb from describing an actual occurrence by giving it a negative connotation. Customary action does not, of course, describe any specific event. Unwitnessed events are also in a way distanced from personal reality. This distancing hypothesis is supported by the fact that sometimes in unwitnessed narrations, when a speaker describes some dramatic episode vividly, the speaker switches briefly to the use of verbs without -ne. Because verbs with -ne do not refer to specific events in the speaker’s experience on which the speaker is focusing, I have referred to -ne as ‘uneventful’ in the title of this article.

Stereotypically, verbs indicate actions and nouns indicate things. If the function of -ne is to remove some of the verb-like action quality from a finite verb, an intriguing question arises as to whether the -ne might in fact represent some kind of nominalizing process, taking away the immediacy of the action. There are several reasons why this is not as strange a suggestion as might be thought at first.

First of all, there is a homophonous noun suffix. With nouns, -ne has a basic malleable meaning, occurring with body parts, kinship terms, ordinal numbers, etc.

Another reason for suspecting some connection with nouns is the use of verbal -ne before clitics and particles which are used in noun phrases. For example, the pua used in the unwitnessed construction described earlier is phonetically identical to a demonstrative pua used with nouns. When pua occurs after a verb, the verb always ends in -ne. Another such marker is the enclitic -ko, which is used in both noun phrases and at the end of clauses. In noun phrases, -ko is a definite marker and is the last morpheme of the phrase unless there is an agentive marker. When -ko occurs at the end of a conjoined clause, it is translated ‘and,’ ‘but’ or ‘although.’ An example of this was included in the second sentence of (1), which is repeated here as (14) for convenience.

(14) atalu, at-e-va-ne-ko, Mosep1 pewa
having-been be-3Pst-1s-ne-DEF Moresby I-went
Having stayed, I stayed [for a while] and I went to Moresby
When -ko occurs sentence finally, speakers typically do not translate it but, if pressed, may use an emphatic Tok Pisin em, which means 'that'. Commonly, although not obligatorily, the clause final verb before -ko ends in -ne as well.

Additional support for considering -ne to have a nominalizing function comes from the stative verb form, which is both tenseless and personless. It may occur as the final verb in a sentence, usually in the negative. As examples (15) and (16) illustrate, the stative may occur with or without -ne:

(15) tatake e-ne

unaware [be]-STAT-ne

'I didn't know how'

(16) epapu yia tupa na-at-e

now pig PL NEG-be-STAT

'Now there are not any pigs'

More frequently the stative is used in noun phrases to ascribe a characteristic and it functions like a modifier or even a noun. In these instances, it always has the -ne suffix. Examples are given in (17)-(20):

(17) koa pel-e-ne

marsupial kill-STAT-ne

'marsupial hunter'

(18) yu naiya na-p-e-ne

mendi-nga

ground think NEG-do-STAT-ne INDEF-LOC

'in an unknown place'

(19) om-e-ne

die-STAT-ne

'dead'

(20) sialanga una na-p-e-ne

palityamane

ginger see NEG-do-STAT-ne we-sleep

'We sleep without looking at the ginger plant'

In sum, in addition to the semantic connotation of 'non-eventful', the evidence for classifying the verbal -ne as a nominalizer is 1) there is a phonetically identical nominal suffix, 2) verbs with the suffix can be followed by morphemes primarily associated with nouns, and 3) the stative form with -ne may function syntactically like a noun.

However, there are reasons for keeping the nominal and verbal suffixes separate. For one, the verbal suffix has an allomorph /-le/ which does not occur with nouns. The only other occurrence of /-le/ is with locational words ambî – ambele 'nearby on the level', napi – napele 'down', lipî – lepele 'up', and mupî – mopele. Both the verbal allomorph /-le/ and the locational suffix share the vowel harmony property of causing a preceding high vowel to lower. This is in contrast to both nominal and verbal /-ne/, which become /-nu/ when preceded by a high vowel. However, the strongest reason for considering the suffixes to be different is that finite verbs with -ne never function syntactically as nouns in the same way that nouns with -ne do. It, therefore, seems best to have a separate -ne suffix for finite verbs that diminishes the verbal property of the verb but never quite converts it to a noun. Verbs ending in -
ne are not as vivid in describing an activity as verbs without the suffix and that sense they are less 'eventful'

REFERENCES

Borchard, Terrance 1970 Ipih Language Lessons Unpublished ms


Ingemann, Frances 1997a 'Ipih Finite Verb Forms' 1996 Mid-America Linguistics Conference Papers (Clifton Pye, ed) Lawrence, KS Department of Linguistics, University of Kansas, pp 209-221

Ingemann, Frances 1997b 'Verbal –ne in Ipih' 1997 Mid-America Linguistics Conference Papers (Thomas Stroik, ed) Columbia, Missouri University of Missouri – Columbia, pp 306-312

Wurm, Stephen A 1982 Papuan Languages of Oceania Tubingen Gunter Narr Verlag