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MARKING ACCESSIBLE INFORMATION IN KIMARAGANG

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PREFACE

The 26th Annual Meeting of the Austronesian Formal Linguistics Association (AFLA 26) was held on May 24-26, 2019 at the University of Western Ontario (Canada). The programme consisted of 24 presentations in addition to four plenary talks by Juliette Blevins, Vera Hohaus, Marian Klamer and Becky Tollan. This volume includes 13 papers from the conference.

As conference organizer, I received generous support from a variety of sources. Financial support came from the Social Sciences and Humanities Research Council of Canada (SSHRC), Research Western, the Joint Fund (Research Western, SOGS, SGPS), the Theoretical and Applied Linguistics Lab, the Canadian Linguistic Association, the Faculty of Arts and Humanities, the Graduate Program in Linguistics and three departments (French Studies, Modern Languages and Literatures, and Anthropology). The conference would not have been possible without the student volunteers (Sonia Masi, William Tran, Caylen Walker and Kang Xu), plus several others who helped out at the registration desk. Finally, I am grateful to the Department of French Studies for administrative support.

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MARKING ACCESSIBLE INFORMATION IN KIMARAGANG*

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This paper describes a discourse particle (gima) whose meaning and functions seem to be quite similar (but not identical) to those of German unstressed ja. Gima indicates that the at-issue content of the utterance is accessible and uncontroversial. Utterances containing gima often convey expressive content in addition to their descriptive content, and I suggest that gima may sometimes serve as a marker of exclamatory force, in addition to its core functions stated above.

1. Introduction

Kimaragang is an endangered Philippine-type language belonging to the Dusunic subgroup in northeastern Borneo. This paper discusses the meaning and functions of the Kimaragang use-conditional particle gima, comparing it with the German particle ja. I propose that the core meaning of gima includes at least the following two components of meaning: (a) uncontroversiality, and (b) accessibility. In other words, p gima indicates that the speaker takes the truth of p for granted (not debatable), and believes that p is known or knowable by the addressee.

I use the term “use-conditional”, following Gutzmann (2015), to refer to content which is part of the conventional meaning of an expression but does not contribute to the “at issue” truth-conditional meaning of the utterance. Potts (2005) and others have proposed a number of tests for identifying use-conditional content.1 McCready (2010) identifies two properties as being the most reliable indicators for this purpose: (a) use-conditional content is “scopeless”, meaning that is never interpreted within the scope of semantic operators like negation, interrogative mood, conditionals, etc.; and (b) use-conditional content does not participate in denials, i.e., cannot form the basis for challenging the truth of a statement. In section 3 I apply these tests to justify the identification of gima as a use-conditional particle.

Gima is one of several discourse particles in Kimaragang which “indicate the status of a proposition relative to the common ground (newness, expectedness,
speaker commitment etc.)” (Repp, 2013). We might refer to such particles as STATUS PARTICLES, because they mark the information status of the base proposition. The Kimaragang status particles comprise a subset of a relatively large inventory of second-position clitics, as described in section 2. Section 3 provides evidence for the claim that gima contributes use-conditional rather than truth-conditional meaning. Section 4 discusses contexts where gima cannot be used. As we will see, many of the same restrictions are reported for unstressed ja in German. Section 5 discusses the most common uses of gima, all of which involve statements about information which is noteworthy even though it is already part of the common ground or at least accessible to the addressee. Section 6 discusses the expressive content associated with many uses of gima.

2. Second-position Clitics

Like many other Southeast Asian languages, Kimaragang has a large inventory of particles. Pure expressives such as ay ‘surprise’ or woy ‘what did I tell you?’ tend to occur sentence-initial, and can stand alone as a complete utterance. Second-position particles, in contrast, can never occur on their own. These include nominative and genitive pronouns, focus and aspect markers, at least one evidential, the frustrative marker, question particles, markers of intimacy or friendship, and status particles, which are the primary focus of the present paper.

2.1. Defining Second Position

Second-position (2P) particles occur immediately after the first constituent in their clause. In a normal verb-initial clause, this means immediately after the verb as illustrated in (1). When a negative or other adverbial element is fronted to preverbal position, 2P clitics will also precede the verb; this is exemplified in (2–3).

(1) N-o-dindi nu no gaam i=wogok? PST-NVOL-hog.call 2SG.GEN IAM Q NOM=pig
‘Have you called the pigs?’

(2) Sid=tana ya n-odop-on. DAT=earth 1PL.EXCL.GEN PAST-sleep-LV
‘It was on the ground that we slept (after our house burned down).’

(3) Amu oku po dati ko-guli dot ... NEG 1SG.NOM yet probably NVOL.AV-return COMP
‘I probably cannot return (to work here tomorrow).’

In a subordinate clause, whether complement or adjunct, clitic pronouns and particles appear immediately after the first element of their minimal clause; this clearly indicates the location of sentence-internal clause boundaries. Sentence-level
conjunctions are not treated as a part of the minimal clause, and so do not affect the calculation of second position.

2.2. Linear Order of Clitics

As the preceding examples illustrate, it is not uncommon to find as many as three second-position clitics within a single clause. The relative order of the clitics within this second-position cluster is, for the most part, fairly rigidly determined. This ordering can be described in terms of six position classes, as summarized in Table 1.

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In general, a single clause may contain at most one element from any particular class. In other words, particles assigned to the same class cannot (in general) co-occur with each other, and when two particles assigned different classes co-occur, they will occur in the order specified in this template.

The first three classes, namely GEN, NOM, and focus-aspect, obligatorily occupy the 2P clitic position. The last three classes (mood, evaluative, and solidarity) may optionally occur in clause-final position. When there are more than three particles in the same clause that could all appear in the 2P clitic position, one or more of the optional 2P particles usually appears clause-finally. Thus clitic clusters containing more than three particles are generally avoided.

2.3. Status Particles

Position class 5, containing what I have called the “evaluative” particles, is semantically somewhat heterogeneous. It includes one particle which does affect the truth-conditional meaning of the proposition, namely dara “frustrative”. The other particles in class 5 appear to be purely use-conditional, and I refer to them as status particles. Some preliminary examples illustrating typical usage of the more common members of this set are presented in (4).

(4)  
   a. D<um>arun dati’ … ‘It will probably rain (this afternoon)’
   b. D<in><um>arun katoy! ‘It did too rain (contrary to what you claim).’
   c. Ki-darun bala’ kosodoy! ‘Oh look, it rained last night (and I didn’t know it)!’

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2 The meaning of the frustrative particle is discussed in Kroeger (2017).
d. … ki-darun gima. ‘(I didn’t go to your house because…) it was raining, after all / as you know.

e. … koo-dorun-an mari. ‘(At this time of year) it rains a lot (certainly / generally).’

I tentatively identify dati’ ‘probably’, toomod ‘probably’, and mari ‘certainly’ as validational markers, expressing the strength of the speaker’s commitment to the truth of the current proposition, rather than markers of modality in the strict sense. Mari is often used to indicate knowledge shared by the whole community, or certainty based on prior knowledge of someone’s characteristic properties or behaviour, but these particles have not been investigated in detail and I will not have much to say about them here. Further examples illustrating core uses of gima, bala’, and katoy are presented in (5–7).

(5) Isos-on nu gima banar ino mato nu,
    rub-OV 2SG.GEN GIMA really that.NOM eye 2SG.GEN
    sagay aragang no.
    reason red IAM
‘After all, you keep rubbing your eye hard, that is why it is all red.’

(6) Wiwidsing-o ku it=rangalaw nga’
    DUP.peel-ATEMP.OV 1SG.GEN NOM=rambutan but
    napapasa=i’ bala’ iri.
    PST.DUP.rotten=EMPH this
‘I peeled the rambutan (“hairy fruit”) but (I discovered) it was rotten.’

(7) Yalo katoy ot minanakaw, okon.ko’ yoku po.
    3SG.NOM KATOY NOM PST.AV.steal not 3SG.EMPH FOC
‘It was him that stole it, not me (contrary to your assertion).’

The status particles are a common feature of conversational speech, but generally do not occur in narrative monologue, apart from direct quotations. (The one exception is the mirative particle bala’, which can occur in narratives with a shift in perspective, to indicate surprise on the part of some central participant.)

3. Use-conditional Rather than Truth-conditional Meaning

As noted in the introduction, the meaning contributed by gima does not seem to be part of the “at issue”, truth-conditional content of the sentence. One reason for making this claim is the fact that the particle cannot be questioned or negated. In fact, this seems to be true for all of the Kimaragang status particles. They do not
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seem to occur in questions at all, not even rhetorical questions. They may occur in another clause of a sentence that contains a question, as in examples (26) and (27) below, but not within the interrogative clause itself. Moreover, the status particles always take scope over clausal negation. Examples (8–9) illustrate this for gima.

(8) Amu gima owo sinuput nu i=paip noputut, not GIMA PRTCL PST/connect.OV 2SG.GEN NOM=pipe broken intaay aso weeg tokow. look.DV.IMP not.exist water 1PL.INCL ‘You didn’t fix the broken pipe, as you well know; now look, we don’t have any water.’ (cannot mean: ‘It is not known to you that you fixed the broken pipe…’)

(9) Amu gima notongkuban nu ino kuuy, not GIMA PST/cover.DV 2SG.GEN that.NOM cake ino bala’ ot=korogis dino. that.NOM MIR NOM=DUP/reason.sandy that ‘You failed to cover the cakes, as you well know, and that is why they got all sandy.’ (cannot mean: ‘It is not known to you that you covered the cakes…’)

A second reason for analysing gima as use-conditional rather than truth-conditional in nature is that the presence of gima cannot form the basis for challenging the truth of a statement. Example (10) illustrates an appropriate challenge based on the truth-conditional content of a statement. Example (11, B1) shows that lack of familiarity or accessibility is not sufficient grounds for challenging the truth of a statement which contains gima. An acceptable way of challenging the appropriateness of gima in a particular context is illustrated in (11, B2).

(10) A: Yokoy diti, musikin okoy, aso tarata ya. 1PL.EXCL this poor 1PL.EXCL NEG.EXIST property 1PL.EXCL.GEN ‘As for us, we are poor, we have no wealth.’

B: Momudut katoy, amu babanar; akaya yalo’ dilo’. AVELIE KATOY NEG true rich 3SG.NOM that ‘He is lying, that is not true; he is rich.’

(11) A: Pi-ilang-o yoalo tu’ sompusasawo gima. RECP-eat.together-OV.IMP 3PL.NOM because married.couple GIMA ‘Have them eat together, because they are husband and wife after all.’

The only exception I have found to this generalization involves bala’ay, which seems to be the exclamatory form of the mirative particle and has been found in rhetorical questions.
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B1: #Momudut katoy, amu babanar; a=ku nela’an!
   AV.lie KATOY NEG true NEG=1SG knew
   ‘You are lying, that is not true; I did not know that.’ (odd in this context)

B2: Ay? A=ku nela’an!
   PRTCL NEG=1SG knew
   ‘Oh? I did not know that.’ (appropriate response)

4. Contexts where gima Cannot be Used

A number of authors have observed that German unstressed ja occurs only in declarative clauses, and the same is true for gima, as noted in the previous section. Beyond that, the particle cannot be used in contexts which are incompatible with the elements of meaning proposed in section 1: gima indicates that the speaker (a) takes the truth of the base proposition for granted, not controversial or open for discussion, and (b) believes that p is known or knowable by the addressee.

In most contexts, gima is infelicitous if the addressee does not have prior knowledge of the relevant facts. The particle would be unnatural in (12) if the addressee does not already know who cleaned the fish, and in (13) if the addressee does not already know that the person in question was drunk at topic time.

(12) Ololonsi no iti tunturu ku,
   DUP.stink IAM this.NOM finger 1SG.GEN
   yoku gima o=mononobuk di=sada.
   1SG.EMPH GIMA NOM=AV.PST.stab ACC=fish
   ‘My fingers stink, (because) I was the one after all who cleaned the fish.’

(13) Songkoboroso dialo dot asot tatantu, owukan gima.
   speak.wildly 3SG COMP NEG.EXIST DUP.certain drunk GIMA
   ‘He was saying crazy things, after all he was drunk.’

Zimmermann (2011) states that the following types of contexts are incompatible with the use of unstressed ja, and these same restrictions apply to gima as well:

In contrast, ja is illicit whenever the truth of the propositional content of an utterance is [known not] to be shared by the addressee, or even known to be controversial. This is typically the case in breaking news…, in answers to questions, which denote a set of controversial alternatives to be resolved by the addressee…, or in corrections of previous assertions…

4.1. Breaking News/Out of the Blue Statements

When a speaker conveys new information which the addressee would have no way of knowing, especially when that information is unexpected, the particle gima cannot felicitously be used. A striking example of this type, in which the news comes literally “out of the blue”, is found in the beginning of St. Luke’s gospel,
when the angel Gabriel appears to the Virgin Mary with some unexpected news. As (14b) shows, the use of *gima* in this context would be highly unnatural.

(14) a. Monon-tiyan ko nôono dino om monusu
AV.wear-stomach 2SG.NOM PRTCL that and AV.give.birth
dot kusay ot=tanak.
COMP male NOM=child
‘You will become pregnant and give birth to a son’ (Luke 1:31)

b. #Monontiyan ko *gima* om monusu dot kusay ot tanak.

4.2. Answering a Question

We have said that the use of *gima* indicates the speaker’s belief that the base proposition is known or knowable by the addressee, and is not controversial or open for discussion. If the base proposition is presented as the answer to a question which the addressee has just asked, then the information is normally not known by the addressee and the truth of that proposition is in fact the current issue under discussion. Under these circumstances, the use of *gima* would again be highly unnatural, as illustrated in (15).

(15) Q: Nunu ot=tonomon daalo ad gopu yo dilol? what NOM=plant.OV 3PL in garden 3GEN that.DIST
‘What will they plant in their garden plot?’

A. Togilay *dati’/mari’/#gima* ot=tonomon daalo.
maize probably/certainly/GIMA NOM=plant.OV 3PL
‘Probably/naturally/#as you know they will plant corn/maize.’

4.3. Contradictions of Previous Assertions

As discussed below (section 5.2), *gima* can be used to highlight accessible information which is relevant to current purposes but seems to be ignored or overlooked by the addressee or some other salient person. However, *gima* is not appropriate when the speaker directly contradicts something that has just been stated. In such contexts *katoy* would be used instead. In (16), for example, if the speaker has just been told that he was accused of stealing by the owner of the coconuts, *katoy* would be appropriate but *gima* would not. A similar example is seen in (17), where the owner of a certain chicken is reported to have claimed (mistakenly or falsely) that he bought it. In the reply, only *katoy* and not *gima* can appropriately be used to correct the misstatement.4

4 In addition to marking a contradiction, *katoy* can also be used as an expressive particle to indicate disapproval. Perhaps both functions are intended in (16), and also in (10).
(16) Yalo *katoy* ot minangangat dogon manganu di=niyuw doalo.  
3SG PRTCL NOM AV.PST.invite 1SG AV.take NOM=coconut 3PL  
‘He was the one who invited me to take some of their coconuts (contrary to what he now claims!’

AV.PST.say NOM=Jim COMP NOM=chicken that PST.buy.OV 1SG QUOT  
‘Jim said, “I bought that chicken.” ’

B: Doo maantad do manuk iló’,  
3SG.DAT originally LNK chicken that  
okon.ko’ binoli yo *katoy/*gima.  
NEG PST.buy.OV 3SG PRTCL  
‘It was his chicken in the first place, he didn’t buy it (contrary to what he now claims).’

5. **Uses of gima**

Grice explained why we do not normally tell people what they already know: it would be uninformative, and thus a violation of the maxim of Quantity. *Gima* typically functions as a QUANTITY HEDGE, like the English phrase *after all* (Levinson 1983: 162): a signal to the hearer that the current utterance may not be informative. This function is illustrated in examples (18–19), in which the clause containing *gima* expresses information which must clearly be known to the addressee at the time of speaking:

(18) G<in>umu nu *gima* monorimo,  
<PST>=much 2SG GEN GIMA AV.cook.rice  
orubat nopo ami=i’ naawi mangakan.  
waste only NEG=EMPH finished AV.eat  
‘After all, you cooked a lot of rice; it is a shame that it didn’t all get eaten.’

(19) Subay.ko ipag-on nu yalo diló’ tu’  
should brother.in.law-OV 2SG GEN 3SG NOM that because  
tobpinee di=sawo nu yalo *gima*.  
sibling GEN=spouse 2SG GEN 3SG NOM GIMA  
‘You should/must call him ipag (’brother-in-law’), because *after all* he is your wife’s brother.’

Even when a quantity hedge is used, the assertion of information which is already available to the addressee is generally somewhat odd, apart from special motivating circumstances. The most common types of circumstances which license such statements, and thus uses of *gima*, seem to belong to one of the following types. First, *gima* frequently occurs in reason clauses. In this construction the content of the reason clause itself may be already known, but the assertion of a causal relation
between the two clauses could still be informative. A second common use of *gima* is for reminding the addressee of information which is already accessible but which the addressee seems to have forgotten or ignored. Third, *gima* frequently occurs with certain kinds of expressive meaning, in particular with expressions of surprise, scolding, and certain types of exclamatory utterance. In these cases the truth-conditional, at-issue content of the utterance may be known or accessible to the addressee, but the expressive content may be new. On the other hand, expressive content does not seem to be governed by the maxim of Quantity in the same way as descriptive content; speakers all too often express their feelings even when this information is well known to the addressee.

5.1. Reason Clauses

Examples (12) and (13) illustrated the use of *gima* in unmarked reason clauses, which are simply juxtaposed to the main clause. Another such example is presented in (20).

(20) Nopuunan ko bo dino, winajak nu
hexed 2SG.NOM PRTCL that PST.spoke.clearly.OV 2SG.GEN
*gima* momoros yalo dot pangansakon.
GIMA AV.speak 3SG.NOM COMP cause.to.cook.OV
‘You have brought a hex on yourself, after all you asked her directly to cook food for you.’

More often, however, reason clauses are marked with the conjunction *tu* ‘because’ as seen in examples (11-A) and (19). Further examples of this type are presented in (21–24). As noted above, *gima* appearing in the ‘because’ clause indicates that the reason is shared or accessible information. Example (21) for example would be unnatural if the addressee does not already know that the deceased woman was a priestess (shaman).

(21) Imboluan yalo’ dilo’ tu’ boboliyan *gima.*
toll.gong.DV 3SG.NOM that because priestess GIMA
‘They will toll the funeral gong for her, because after all she was a priestess.’

(22) Isot babatang nga’ a=ku elaan tu’ a=ku
one DUP.letter also NEG=1SG know because NEG=1SG
nokosikul *gima* owo.
attended.school GIMA PRTCL
‘I don’t know even one letter, because after all I never went to school.’

(23) Munaru po yalo dilo’ tu’ omulok po *gima.*
grow.longer yet 3SG that because young yet GIMA
‘He/she will grow taller, because after all he/she is still young.’
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(24) Amu needu bâanar iti bongkuris diti wagas NEG removed truly this rice.hull this uncooked.rice
because pounded GIMA
‘The hulls were not completely removed from this rice, because after all it was pounded (in wooden mortar and pestle, rather than being milled).’

Another way of marking causal relations is with the conjunction sagay ‘reason’. This conjunction is used to introduce clauses expressing a result, with gima frequently occurring in the reason clause as illustrated in (25).

(25) Sagay nelaan ku ot=wayaan mongoy sid=Kudat, reason PST.know.DV 1SG.GEN NOM=way AV.go DAT=Kudat
babaya nokoongoy oku gima.
previously AV.PST.NVOL.go 1SG.NOM GIMA
‘The reason I knew the way to Kudat was because I’ve been there before, after all.’

5.2. Correction

One way in which mutually accessible information might be worthy of mention is if the addressee (or some other salient person) has failed to access that information when it would be relevant to current purposes. In German the particle doch would be used in these contexts, but since there is no equivalent to doch in Kimaragang, gima is sometimes used on such occasions:

(26) Kukuro yoalo’ misasawo, miobpipinee gima.
how 3PL.NOM RECP.spouse RECP.DUP.sibling GIMA
‘How can they marry each other, after all, they are siblings.’

(27) Siongo mat kisakot ilo’ togilay yo
where RQ grassy that corn 3SG.GEN
dot pigamasan yo gima.
COMP clear.repeatedly 3SG.GEN GIMA
‘How could there be grass growing in his corn field, after all he always clears/cuts (the grass) there?’

However, gima is not used to directly contradict something that has just been stated. As illustrated in (16–17) above, only katoy and not gima can appropriately be used for this purpose.

5.3. Surprise

Another reason for asserting information that is already mutually accessible might be that the information is newly discovered by the speaker. Examples (28–30)
involve information which is new and surprising to the speaker, but known to the hearer and most likely observable in the immediate speech context.\(^5\) German unstressed *ja* can also be used in contexts of this type, e.g. ‘Oh, you have *ja* green eyes’ (noticed for the first time; Grosz, 2014). In these contexts, *gima* may be interchangeable with the mirative particle *bala*.\(^6\)

(28) Kawantang no diri ilot tanak nu momoros *gima*
fluent IAM this that child 2SG.GEN AV.speak GIMA
dot okodok po om.
COMP small yet and
‘Your child can already speak really well, even though it is still small!’

(29) Nakaganaru ko=no diiri *gima.*
grew.longer 2SG=IAM this GIMA
‘You have gotten taller (since I last saw you)’!

(30) Sabat po om a=ku notutunan ika,
little yet and NEG=1SG PST.recognize.DV 2SG.NOM
orurungut ko=no dino bongit *gima.*
DUP.overgrown 2SG.NOM=IAM that beard GIMA
‘I almost didn’t recognize you, your beard has gotten so long and shaggy.’
(lit: ‘you have been overgrown with beard’)

It appears that *gima* cannot be used for describing past discoveries on the part of the speaker; only *bala’* is possible for such statements, as illustrated in (31–32). This restriction is presumably related to the fact that the information being reported is not observable in the immediate speech context, and so cannot be assumed to be accessible to the addressee.

(31) Powurilongo ku it=takod ku sid=luwang nga’
put.into.hole 1SG.GEN NOM=foot 1SG.GEN DAT=hole but
aralom *bala’/*gima* iri.
deep MIR/GIMA this
‘I stuck my foot into the hole, and it turned out to be deep.’

(32) a. Tantaman ku sompusasowo yoalo, miobpipinee *bala’ay.*
thought 1SG.GEN married.couple 3PL.NOM RECP.DUP.sibling MIR
‘I thought they were husband and wife, but they turned out to be siblings.’

b. ??*Tantaman* ku sompusasowo yoalo, miobpipinee *gima.*

\(^5\) Malay translations of such sentences frequently include the adverbial particle *pula* ‘also’, indicating surprise.

\(^6\) In other similar contexts, either particle may be possible but with a subtle difference in meaning. However, no consistent pattern has yet been found in these reported differences.
5.4. Scolding

Yet another reason for stating information that is already known to the addressee is to express displeasure with something the addressee has done. *Gima* is frequently used in scolding and complaints about the behaviour of the addressee, as seen in examples (8–9) above. Additional examples are presented in (33–36).

(33) Unanawon ku no itit paray, monuu ko=po gima. 
DUP.crush.OV 1SG.GEN IAM this rice AV.order 2SG.NOM=yet GIMA
‘Here I am already crushing the rice seed (e.g. to feed chickens) and you tell me to do it *gima!*’

(34) Monigagang ko *gima*, sodoy om muli ko nagi. 
AV.frighten 2SG.NOM GIMA night and return 2SG.NOM only.then
‘You frightened/worried me *gima*, coming home so late at night!’

(35) Osorulakan nu manganit ino kulit do=kyu *gima*. 
backwards 2SG.GEN AV.peel that skin GEN=tree GIMA
‘You peeled that bark off against the grain *gima!*’

(36) Ad=susut *gima* ot=pinangalaasan nu dino suduwon, 
LOC=below.house GIMA NOM=place.of.splitting 2SG that fire.wood
intaay pogi nakawawantuk no=ino kapak dilot tontom. 
look.IMP PRTCL PST.NVOL.DUP.snag IAM=that axe that floor.joist
‘You chose to split the firewood under the house *gima*, now look, the axe has caught on the floor joist!’

6. Expressive Meaning

*Gima* frequently occurs in exclamatory statements, i.e., declarative sentences which not only assert a proposition but also express the speaker’s feelings or attitude toward the proposition being asserted.\(^7\) Intonation plays an important role in distinguishing exclamatory statements from other declarative sentences, but exclamations can also be identified by the presence of certain sentence-initial expressive particles, as in (37–38), or other formulaic elements.

(37) *Woy obo*, nakaabir at=takanon, osongow ko *gima* monook! 
PRTCL PRTCL scattered NOM=cooked.rice rough 2SG GIMA scoop
‘Now look what happened! The rice is scattered all over because you scooped it out so roughly/carelessly *gima!*’

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\(^7\) I follow Rett (2011) in distinguishing these declarative exclamations from exclamatives. An exclamative is formed from something other than a declarative sentence and does not count as an assertion of its propositional content, e.g. *How very beautiful she was!* *Was he ever mad! The nerve of some people!* No investigation has been attempted as yet on exclamatives in Kimaragang.
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(38) Woy obo oleed om nitutup nu nogi’ gima it=tuunuson, PRTCL PRTCL long.time and closed 2SG then GIMA NOM=gate nokosuwang it=karabaw doalo sid=paray tokow. AV.PST.NVOL.enter NOM=buffalo 3PL DAT=rice.plant 1PL.INCL ‘Now look what happened! You were too slow in closing the gate gima, and now their buffalo have gotten into our rice field!’

The expressive particle woy by itself generally conveys the sense of, ‘What did I tell you?’ or ‘I told you so’. Obo can occur by itself as an interjection of surprise, but the sequence of particles observed in (37–38) seems to be an exclamation formula meaning something like ‘Now look! What do you expect?’, and often rendered in Malay translations as Itu=lah! ‘that=FOC’. Another formulaic marker of exclamations was seen in (8) and (36) above, intaay (pogi) ‘just look!’, which occurs frequently in scolding and complaints. An additional example is provided in (39).

(39) Bibinuak nu gima i=weeg owo, DUP.PST.waste.OV 2SG.GEN GIMA NOM=water PRTCL intaay pogi asot pomoog da=pinggan. look.DV_IMP FOC NEG.EXIST IV.wash ACC=plate ‘You wasted the water, now look, we don’t have any to wash the plates with!’

In addition to scolding, complaints, and expressions of surprise, gima appears in other types of exclamations as well. The exclamatory formula Sagay gima ‘No wonder!’ typically rendered in Malay as Patut=lah! ‘appropriate=FOC’, introduces exclamations about causal relations. Sagay by itself is used to introduce clauses expressing a result, as illustrated in (25) above. When the two words sagay and gima appear together, as seen in (40–43), they indicate exclamatory force. One indication of the formulaic nature of this combination is that the particle gima seems to occur in the “wrong” clause: in this construction it marks the result rather than the reason.

(40) Sagay.gima aso no=ot=weeg siti=id=dagay, no.wonder NEG.EXIST IAM=NOM=water here=LOC=1PL.EXCL nonus i=paip. PST.pull.out.OV NOM=pipe ‘No wonder we don’t have any water, the pipe has been pulled out!’

(41) Sagay.gima dumarun nopo owo, no.wonder AV.rain only PRTCL urarangkadon dialo at=lobong da=tulun. DUP.dig.up.OV 3SG NOM=grave GEN=person ‘No wonder it just keeps raining, he broke open/is breaking open someone’s grave!’
Exclamations are utterances that convey expressive meaning (frequently in addition to descriptive meaning). The fact that *gima* often occurs in such utterances suggests an association between *gima* and expressive meaning. A further indicator of this association comes from expressive reduplication.

Kroeger & Johansson (2017) describe a pattern of partial reduplication in Kimaragang which they refer to as **EXPRESSIVE REDUPLICATION**. They illustrate a wide range of semantic functions associated with expressive reduplication, and discuss a number of criteria by which expressive reduplication can be distinguished from aspectual reduplication.

In a number of the examples presented above, *gima* is reinforced by the use of expressive reduplication: `<ba>baya` in (25), *miob<pi>pinee* in (26), `o<ru>rungut` in (30), `naka<wa>wantuk` in (36), and `<bi>binuak` in (39). The reduplicated form `<ba>batang` ‘letter’ is used in (22) to emphasize total illiteracy (‘not one single letter’!), occurring in the same sentence as *gima* but not in the same clause. The same is true for `ko<ro>rogis` ‘reason for becoming sandy’ in (9), `o<lo>lonsi` ‘stink’ in (12), and `<ta>tantu` ‘certain’ in (13).  

Since both *gima* and expressive reduplication are frequently observed in exclamations, it is not surprising that they should frequently co-occur. In some contexts, however, this co-occurrence seems to be obligatory (or at least strongly preferred). My informant stated that examples (44, 45a) would be unnatural if the expressive reduplication is omitted but *gima* is retained. The simple declarative example (45b), in contrast, which contains neither *gima* nor expressive reduplication, is fully acceptable.

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8 *U<nawon* in (33) and *u<ra rangkadon* in (41) are ambiguous between expressive reduplication and aspectual reduplication. Examples of expressive reduplication occurring with the mirative particle *bala*’ were seen in (6) (`<wi>widingso` ‘pecl’ and *na<pasa* ‘rotten’) and (32a) (*miob<pi>pinee* ‘related as siblings’).

9 My informant made a similar comment about `<bi>binuak` ‘wasted’ in example (39), but he also stated that this root is rarely used without reduplication. Perhaps a reference to someone wasting something usually involves expressive as well as descriptive meaning.
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(44) Amu *gima* si-sinobut dialo it=gopu yo
NEG GIMA DUP-PST.visit.OV 3SG NOM=field 3SG.GEN
samped notownan do=sakot i=togilay.
until PST.NVOL.cover.DV GEN=grass NOM=corn/maize
‘He never went to check on his field *gima*, so his corn got overgrown with grass.’

(45) a. Ri-rinumangkama=i’ do *gima* i=kangkung
DUP-PST.AV.creep=EMPH LNK GIMA NOM=water.spinach
*tinanom* ku. 10
PST.plant.OV 1SG.GEN
‘The *kangkung* (water spinach) that I planted has spread out (I am surprised to see)’

b. Rinumangkama no i=kangkong *tinanom* ku.
PST.AV.creep IAM NOM=water.spinach PST.plant.OV 1SG.GEN
‘The *kangkung* that I planted has spread out.’ (neutral statement)

One interpretation of these facts is that *gima* sometimes functions as a marker of exclamatory force, in addition to marking accessibility and uncontroversiality, and in some such cases reinforcement by expressive reduplication is strongly preferred.

7. Conclusion

In some ways it seems curious for a language to have a grammatical morpheme which indicates that the information being expressed is already available to the addressee, since this should be a somewhat abnormal kind of utterance. In fact, as noted by Zimmermann (2011) and Grosz (2016 ms.), such morphemes have been reported in a number of languages. The motivation for using such markers is summarized by Crone (2017: iv–v) as follows:

> It so happens that redundant utterances … are quite often explicitly marked as redundant… The puzzle is why a speaker would ever explicitly mark an utterance as redundant, when this is unnecessary for achieving the speaker’s goals. It is argued here that speakers do so in order to ensure that their listeners are well-informed with respect to the speakers’ beliefs about their listeners. Put differently, if I don’t tell you that I know you know, you might conclude that I don’t know you know. To ensure that you know that I know you know, I tell you that I know you know.

*Gima*, like other status particles, helps speaker and hearer to manage the common ground by signalling the speaker’s awareness of the hearer’s knowledge. I have noted a number of similarities of usage between *gima* and German unstressed *ja,*

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10 The phrase *do gima* seems to be interchangeable with *gima* in some contexts, as here, but not in others. The differences between the two are not yet understood.
but there are differences as well. As Grosz (2016 ms.) points out, this is a common situation in comparing the discourse particles of one language with those of another language:

Nevertheless, from a cross-linguistic perspective, the issue of the discourse particles’ individual contributions is precarious. While other closed-class items, such as modal auxiliaries, exhibit a certain degree of equivalence across unrelated languages, it appears to be rather difficult to establish one-to-one correspondences between a particle α in one language and a particle α’ in another language… Nevertheless, tentative correspondences can be established… Moreover, on a pretheoretic level, we observe that, in particular, the uncontroversial component of ja… and the contrast component of doch… surface as ‘semantic atoms’ in many languages (where the term ‘semantic atoms’ informally refers to a part of the meaning contribution of an abstract functional element).

Of course part of the challenge in understanding these particles is that the number of languages for which detailed information is available concerning the meanings and functions of such particles is still relatively small. This case study is offered as a small contribution toward enriching the empirical basis for further investigation. Additional case studies from other Austronesian languages should be encouraged wherever possible.

8. **Abbreviations**

The following abbreviations are used in this paper, in addition to others listed in the Leipzig Glossing Rules.

<table>
<thead>
<tr>
<th>Abbreviation</th>
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**References**


