

# **Kioko word list and notes**

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## LANGUAGES

Subject language : Kioko  
Language of materials : English, Indonesian, Kioko

## ABSTRACT

Kioko is a small underdescribed language of the east coast of Buton Island in Southeast Sulawesi, Indonesia. In this paper I provide a small amount of documentation concerning its sound system, word stock, and person markers.

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## VERSION HISTORY

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# Kioko word list and notes<sup>1</sup>

by  
First Last

Kioko (Austronesian, Malayo-Polynesian, Celebic, Muna-Buton) is a small language spoken on the eastern coast of Buton Island in Southeast Sulawesi, Indonesia. In this paper I present information concerning its sound system, word stock, and person markers.

For reasons discussed elsewhere, I remove Kambowa as a dialect of Kioko and report on it as a separate language (Mead 2020). In this paper I continue to treat Kioko (minus Kambowa) as a distinct language. However I also consider it likely that, once the final evidence is in, Kioko will be merged as a dialect of Pancana (Mead 2020:41–43).

## 1 Location and language situation

Kioko is primarily spoken in the town of Bonegunu ( $4^{\circ} 51' 58''$  S,  $123^{\circ} 12' 26''$  E), which is the capital of the eponymous Bonegunu district on the eastern coast of Buton Island. Unofficially this town is widely known as Kioko. Kioko families have also settled in nearby villages, including Laanoipi, Ngapaea, Waodekalowo, and Bubu. The number of Kioko speakers in these other locations is unknown, but is not thought to be great.

In 2011, the population of Kioko was 2,986. Of this number, we estimate that 2,000 may be native speakers of Kioko or children of native speakers. Other languages spoken in Kioko, besides Indonesian, are primarily Kulisu and Kambowa.

Reportedly all adults who live in Bonegunu learn to speak Kioko, even those whose mother tongue is Kulisu or Kambowa. However, it was also reported that children speak primarily Indonesian, or at best Kioko highly mixed with Indonesian. This was also confirmed on several occasions on which I observed groups of adults speaking the local language while their children playing nearby used Indonesian. Whether these children will begin speaking Kioko as they enter into adulthood is unclear. On the other hand, I met several young men who spoke Kioko.

To the present day Kioko remains an oral language. There are no books in Kioko, nor do people write Kioko, not even when texting on cell phones. In the schools teachers occasionally switch to Kioko for humor or to upbraid students. There are also a few teachers who desire to promote Kioko in the schools. However their efforts are individual and limited, and there is no government support for producing Kioko materials or curriculum.

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<sup>1</sup> This paper supersedes an earlier draft circulated circa 2012 under the title “Kioko person markers.”

## 2 Previous research and classification

Since Van den Berg (1991), the Pancanic subgroup is thought to comprise four closely related languages or dialects. From roughly northeast to southwest these are Kioko, Kambowa, Pancana (itself dialectally complex), and Liabuku.

Van den Berg collected a Kioko word list in 1986, which he later used in a lexicostatistical comparison (Van den Berg 1991:47). The three most relevant cells from this comparison are reproduced below (values represent percentages of shared vocabulary calculated pairwise; his matrix did not include comparisons with any Pancana lects):

Kambowa	
82	Kioko
71	75
	Liabuku

From the single datum—that Kambowa and Kioko are 82% lexically similar—arose the notion still found repeated today (e.g. *The Ethnologue* 23nd edition) that Kambowa and Kioko are dialects of a single language.

In the nearly three decades following Van den Berg's study, no new information concerning Kioko has come to light, except that recently two Kioko word lists have appeared in version 3 of the *LexiRumah* database (Kaipang, Ewards and Klamer 2019). One is Van den Berg's original 1986 list, while the second is a portion of the word list that is presented in its complete form below in § 4.

Having looked at actual language data from Kioko, Kambowa and to a lesser extent Pancana, it seems likely to me that Kambowa should be elevated to separate language, while Kioko should be demoted to dialect of Pancana; I share further on this topic in Mead (2020:41–43). Nevertheless more study is needed. As the twenty-first century rolls on, the Pancanic area of central Buton Island remains perhaps the last area across all of Sulawesi where we lack a firm grasp of the basic language and dialect situation.

## 3 Sound system

### 3.1 Inventory of consonants and vowels

Kioko has twenty-one consonants and five vowels. Consonants enclosed in parentheses occur primarily in borrowed words.

voiceless stops and affricates: /p/, /t/, /ʃ/, /k/, /χ/

implosive voiced stops: /ɓ/, /ɗ/

non-implosive voiced stops and affricates: (/b/), (/d/), (/dʒ/), /g/

voiceless fricatives: /ɸ/, /s/, /χ/, /h/

voiced fricative: /β/

nasals; /m/, /n/, /ŋ/

resonants: (/r/), /l/

vowels: /i/, /e/, /a/, /o/, /u/

Kioko is an open-syllable language. The only allowable syllable types are V, CV, and NCV. Consonant clusters (NC) are limited to a nasal followed by a homorganic stop, affricate, or sibilant. The following consonant clusters are found in this corpus (the absence of /ndʒ/ may reflect limited data):

/mp/, /mb/, /nt/, /nd/, /ns/, /nʃ/, /ŋk/, /ŋg/

When not enclosed in phonemic or phonetic brackets, the affricates /ʃ/ and /dʒ/ are written *c* and *j* (as in standard Indonesian); the labial fricatives /ɸ/ and /β/ are written as *f* and *w*, and the voiceless uvular fricative /χ/ is written as *x*. Other symbols are written as above.

### **3.2 Notes on various phonemes**

Glottal stop is not symbolized word initially. Most words that are written as vowel initial however can be assumed to begin with a hard (glottal stop) onset, e.g. *unto* ‘brain’ [‘unto], *eo* ‘charcoal’ [‘eo].

For the most part /b/ and /β/ are in complementary distribution: the former occurs following /m/ and/or preceding /u/, the latter elsewhere, but /b/ also occurs outside of this context in a few recent loans, e.g. *bebe* ‘duck’, *oboro* ‘torch’, *basa* ‘read’ (cf. Malay *bebek*, *obor*, *baca*).

The distribution of /d/ and /d/ is similar: /d/ primarily occurs only following /n/, but also occurs outside of this context in a few recent loans, e.g. *muda* ‘easy’, *dosa* ‘false, incorrect’, *durian* ‘durian’ (cf. Malay *mudah*, *dosa*, *durian*).

The phoneme /dʒ/ (written as *j*) occurs in borrowings such as Kioko *ajaxa* ‘horse’, *kajoli* ‘door’, *karajaa* ‘work’ (cf. Wolio *ajara* ‘horse’, *kajoli* ‘closing, shutting’, Malay *kerja* ‘work’). Notably, Kioko appears to be one of the few languages of Buton that does not have a voiced interdental stop /d/ as a contrastive phoneme. Instead /d/ in other languages appears as /dʒ/, note Kioko *baja* ‘body, chest’ and *ajo* ‘face’ next to Muna *badha* ‘body’, *adho* ‘form, shape’ (Muna orthographic *dh* = /d/). Nonetheless there are also instances of Kioko /dʒ/ that cannot immediately be explained from either source and require further investigation.

Historical \*r shifted to a voiceless uvular fricative /χ/ unconditionally in Kioko. However the phoneme /r/ has been reintroduced through borrowing, as in Kioko *goro-goro* ‘throat’,

*kaporokaa* ‘frog’, *rante* ‘necklace’, *rapo-rapo* ‘peanuts’, *durian* ‘durian’ (all forms are identical in Kambowa).

The voiceless uvular fricative /χ/ (written as *x*) is articulated with only a slight amount of friction, and during elicitation I often found it difficult to distinguish between /χ/ and /h/. In fact based on comparative evidence the following words were almost certainly mistranscribed: *tohuku* ‘hill’ (should be *toxuku*, cf. Kambowa *toruku*); *pipihoko* ‘shut the eyes’ (should be *pipixoko*, cf. Kambowa *pipikoro*). During the morning that I worked with Sising, a 30-year-old female, I became fairly convinced she did *not* distinguish these phonemes in her speech. Perhaps only older speakers maintain a contrast between /χ/ and /h/, and this contrast is in the process of being lost.

The palatal approximate /j/ (written as *y*) was recorded in only one word list response, *bayara* ‘pay’ (from Malay *bayar*).

## 4 Word list

Kioko lexemes were elicited using the 844-item Sulawesi Long List (SLL).<sup>2</sup>

Orthographic *c* and *j* symbolize the affricates /tʃ/ and /dʒ/ (as in standard Indonesian); *y* symbolizes approximate /j/, *w* and *f* symbolize labial fricatives /β/ and /Φ/, while *x* symbolizes a voiceless uvular fricative /χ/. Other symbols have their expected values. See further § 3 regarding Kioko phonemes.

Multiple responses to a single word list item are separated by a forward slash; see the annotations for an explanation of differences (if known).

Given the dearth of information concerning Kioko, during the elicitation process I was unwilling to throw out any response, even if it ended up not matching the target term. These ‘extra’ items are included in the annotations.

Hyphen is used in two ways, but technically it is superfluous (it could be omitted without loss or harm to the data). First, I use hyphen in cases of two-syllable reduplication in order to separate the reduplicated portion from the stem, e.g. *kado-kadola* ‘bird’, *dui-dui* ‘tailbone’. Second, verbs were frequently elicited with one or two person markers attached. I also use hyphen in these cases to make the stem more apparent, e.g. *no-baʔo* ‘wet’ (lit. ‘it is wet’), *ne-taʔi* ‘defecate’ (lit. ‘he defecates’), *no-winto-e* ‘sharpen’ (lit. ‘he sharpens it’). For the most part I have separated third person singular markers (*no-*, *ne-*, *-e*, *-ʔe*) (see § 5.3 and 5.4) from the stem without comment. For other affixation separated by hyphen, see the annotations.

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<sup>2</sup> A copy of the Sulawesi Long List and accompanying annotations can be downloaded from the page “Survey Instruments” at <http://sulang.org/resources/survey-instruments>.

SLL	English	Indonesian	Kioko	Annotations
001	body	<i>badan, tubuh</i>	<b>baja</b>	
002	head	<i>kepala</i>	<b>focu</b>	
003	skull	<i>tengkorak</i>	<b>koloŋke</b>	
004	fontanelle	<i>ubun-ubun</i>	<b>inde</b>	
005	brain	<i>otak</i>	<b>unto</b>	
006	hair (head, not body)	<i>rambut</i>	<b>wuu</b>	
007	hair whorl	<i>unyeng-unyeng</i>	<b>sumaya</b>	
008	hair bun	<i>sanggul</i>	<b>kacumbu</b>	
009	gray hair	<i>uban</i>	<b>ua</b>	
010	face	<i>muka, wajah</i>	<b>ajo</b>	
011	forehead	<i>dahi</i>	<b>kunda?i</b>	
012	eye	<i>mata</i>	<b>mata</b>	
013	eyeball	<i>bola mata</i>	<b>ulumpeno mata</b>	lit. ‘seed of the eye’, cf. 329, 008
014	pupil of the eye	<i>biji mata, manik mata</i>	—	
015	eyebrow	<i>kening, alis mata</i>	<b>kixe</b>	
016	eyelashes	<i>bulu mata</i>	<b>wuluno mata</b>	
017	tear (from crying)	<i>air mata</i>	<b>luu</b>	
018	temple	<i>pelipis</i>	<b>kanimpi</b>	
019	nose	<i>hidung</i>	<b>nee</b>	
020	nostril	<i>lubang hidung</i>	<b>kalombano nee</b>	lit. ‘hole of the nose’, cf. 368
021	mucus	<i>ingus</i>	<b>toli</b>	
022	cheek	<i>pipi</i>	<b>baga</b>	note also <i>ŋili-ŋili</i> ‘back of cheek’
023	cheekbone	<i>tulang pipi, pasu-pasu</i>	<b>bukuno baga</b>	
024	mouth	<i>mulut</i>	<b>ɓoba</b>	
025	lip	<i>bibir</i>	<b>wiwi</b>	
026	tongue	<i>lidah</i>	<b>lela</b>	
027	tooth	<i>gigi</i>	<b>limpo</b>	
028	molar tooth	<i>geraham</i>	<b>wanjka</b>	
029	gums	<i>gusi</i>	<b>guo</b>	
030	palate	<i>langit-langit mulut</i>	<b>ŋaxo</b>	

031	saliva	<i>ludah, air liur</i>	<b>kapexa / elu</b>	<i>elu</i> is slobber, drool that comes out of the mouth
032	chin	<i>dagu</i>	<b>ase</b>	
033	ear	<i>telinga</i>	<b>cijala</b>	
034	earwax	<i>tahi telinga</i>	<b>ta?ino cijala</b>	
035	neck	<i>leher</i>	<b>wu?u</b>	
036	throat (esophagus)	<i>kerongkongan</i>	<b>goro-goro</b>	
037	nape (of neck)	<i>tengkuk, kuduk</i>	<b>toto bu?u</b>	
038	shoulder	<i>bahu</i>	<b>owea</b>	
039	armpit	<i>ketiak, kelek</i>	<b>paa</b>	
040	arm	<i>lengan</i>	<b>owea</b>	<i>owea</i> is one's upper arm; the lower arm plus hand is <i>lima</i> (cf. 042)
041	elbow	<i>siku</i>	<b>siku</b>	
042	hand, forearm	<i>tangan</i>	<b>lima</b>	includes the lower arm
043	palm of hand	<i>tapak tangan</i>	<b>xandano lima</b>	
044	span (eight inches)	<i>jengkal</i>	<b>cuda</b>	
045	fathom	<i>depa</i>	<b>xofa</b>	
046	finger	<i>jari</i>	<b>wunano lima</b>	literally ‘inflorescence of the hand’
047	thumb	<i>ibu jari</i>	<b>kampuno</b>	
048	index finger	<i>(jari) telunjuk</i>	<b>kansusu</b>	
049	pinky, little finger	<i>jari kelingking</i>	<b>kai:ŋsili</b>	
050	fingernail	<i>kuku jari</i>	<b>konisi</b>	
051	back (person)	<i>punggung, belakang</i>	<b>toxuku</b>	
052	spine, backbone	<i>tulang punggung</i>	<b>toxuku</b>	
053	tailbone	<i>tulang tongkeng</i>	<b>dui-dui</b>	
054	chest	<i>dada</i>	<b>baja</b>	
055	breast	<i>susu, buah dada</i>	<b>cici</b>	
056	nipple, teat	<i>puting susu</i>	<b>tampuno cici</b>	
057	belly	<i>perut</i>	<b>xanda</b>	
058	navel	<i>pusat</i>	<b>pu?e</b>	
059	waist	<i>pinggang</i>	<b>aa</b>	

060	leg, foot	<i>kaki</i>	<b>aʔe</b>	
061	thigh	<i>paha</i>	<b>faʔa</b>	
062	shin	<i>tulang kering</i>	<b>xaxi</b>	<i>xaxi</i> is the shin, note also <i>felebeci</i> ‘lower leg’
063	calf of leg	<i>betis</i>	<b>kawunci</b>	
064	knee	<i>lutut</i>	<b>felebeci</b>	
065	popliteal space	( <i>pe</i> ) <i>lipatan lutut</i>	<b>taŋkalada</b>	
066	malleolus	<i>mata kaki</i>	<b>biku-biku</b>	
067	ankle	<i>pergelangan kaki</i>	<b>losua</b>	
068	sole of foot	<i>tapak kaki</i>	<b>xandano aʔe</b>	
069	heel	<i>tumit</i>	<b>koxoncuno</b>	
070	toe	<i>jari kaki</i>	<b>wunano aʔe</b>	
071	body hair	<i>bulu (badan)</i>	<b>wulu moxuna</b>	
072	skin (person)	<i>kulit</i>	<b>kuli</b>	
073	meat, flesh	( <i>jaringan</i> ) <i>daging</i>	<b>iʔi</b>	
074	fat	<i>lemak</i>	<b>xamo</b>	
075	bone	<i>tulang</i>	<b>buku</b>	
076	rib	<i>tulang rusuk</i>	<b>kaxa-kaxa</b>	
077	heart	<i>jantung</i>	<b>bake</b>	
078	blood	<i>darah</i>	<b>xeā</b>	
079	vein (blood)	<i>urat darah</i>	<b>ie</b>	
080	liver	<i>hati</i>	<b>ate</b>	
081	gall, bile	<i>empedu</i>	<b>piu</b>	
082	lungs	<i>paru-paru</i>	<b>xau</b>	
083	intestines	<i>usus</i>	<b>dealinqku</b>	
084	kidney	<i>ginjal</i>	<b>kumba</b>	
085	buttocks	<i>pantat, bokong</i>	<b>paŋkuali</b>	
086	anus	<i>dubur, pelepasan</i>	<b>koxo</b>	
087	urine	<i>air kencing</i>	<b>oxa</b>	
088	excrement	<i>tahi</i>	<b>taʔi</b>	
089	penis	<i>kemaluan laki-laki</i>	<b>leʔe</b>	
090	testicle	<i>buah pelir</i>	<b>bakuno kalulu</b>	
091	vagina	<i>kemaluan perempuan</i>	<b>biʔi / wusi</b>	

092	clitoris	<i>kelentit</i>	<b>kancuna</b>	<i>ulumpe</i> ‘seed’ (329) can also refer to the clitoris
093	womb	<i>rahim, peranakan</i>	<b>haebu</b>	
094	afterbirth	<i>tembuni</i>	<b>tewuni</b>	
095	umbilical cord	<i>tali pusat</i>	<b>lolai</b>	
096	wound	<i>luka</i>	<b>kafela</b>	
097	scar	<i>bekas luka</i>	<b>balamba</b>	
098	callus	<i>risa, belulang</i>	<b>balula</b>	
099	boil	<i>bisul</i>	<b>ka&amp;isbu</b>	
100	mole, nevus	<i>tahi lalat</i>	<b>cila</b>	
101	sweat (n)	<i>keringat</i>	<b>anci</b>	
102	person	<i>orang</i>	<b>mie</b>	
103	man, male	<i>laki-laki</i>	<b>mo?ane</b>	
104	woman, female	<i>perempuan</i>	<b>xobine</b>	
105	husband	<i>suami</i>	<b>mo?aneno</b>	
106	wife	<i>isteri</i>	<b>xobineno</b>	
107	father	<i>bapak, ayah</i>	<b>ama</b>	
108	father (term of address)	<i>bapak (panggilan)</i>	<b>uma</b>	
109	mother	<i>ibu</i>	<b>ina</b>	
110	mother (term of address)	<i>ibu (panggilan)</i>	<b>ina</b>	
111	child	<i>anak</i>	<b>ana</b>	
112	baby	<i>bayi</i>	<b>kaindai moxuna</b>	also <i>la?ea</i> ‘baby boy’, <i>wa?ea</i> ‘baby girl’
113	first born child	<i>anak sulung</i>	<b>cumpe</b>	
114	last born child	<i>anak bungsu</i>	<b>kaepu / ka?awi</b>	
115	grandchild	<i>cucu</i>	<b>ompu</b>	
116	grandmother	<i>nenek perempuan</i>	<b>wauwa xobine</b>	
117	grandfather	<i>nenek laki-laki, kakek</i>	<b>wauwa mo?ane</b>	
118	ancestor	<i>nenek moyang</i>	<b>ompu-?ompu</b>	
119	offspring	<i>keturunan</i>	<b>sampu?a</b>	
120	sibling	<i>saudara</i>	<b>pocinae</b>	
121	older brother	<i>kakak laki-laki</i>	<b>isa mo?ane</b>	
122	older sister	<i>kakak perempuan</i>	<b>isa xobine</b>	

123	younger brother	<i>adik laki-laki</i>	<b>andi mo?ane</b>	
124	younger sister	<i>adik perempuan</i>	<b>andi xobine</b>	
125	twins	<i>anak kembar</i>	<b>lopa</b>	
126	mother's brother	<i>saudara laki-laki dari ibu</i>	<b>fokoamau</b>	
127	father's brother	<i>saudara laki-laki dari ayah</i>	<b>fokoamau</b>	
128	mother's sister	<i>saudara perempuan dari ibu</i>	<b>fokoinau</b>	
129	father's sister	<i>saudara perempuan dari ayah</i>	<b>fokoinau</b>	
130	niece, nephew	<i>kemenakan</i>	<b>fokoanau</b>	
131	cousin	<i>sepupu</i>	<b>kakolo</b>	
132	parent-in-law	<i>mertua</i>	<b>mania</b>	
133	child-in-law	<i>menantu</i>	<b>ana mania</b>	
134	co-parent-in-law	<i>besan</i>	<b>samponi</b>	
135	sibling-in-law	<i>ipar</i>	<b>dawo</b>	note also <i>posule ngkadea</i> , describing the situation where siblings marry siblings
136	spouse of sibling-in-law	<i>biras</i>	<b>ŋgalapa</b>	
137	stepfather	<i>ayah tiri</i>	<b>ama wee</b>	
138	stepmother	<i>ibu tiri</i>	<b>ina wee</b>	
139	stepchild	<i>anak tiri</i>	<b>ana wee</b>	
140	stepsibling	<i>saudara tiri</i>	<b>pocinae wee</b>	
141	co-wife	<i>madu</i>	<b>samaxue</b>	
142	slave	<i>hamba, budak</i>	<b>bacua</b>	
143	widow	<i>janda</i>	<b>kowalu</b>	
144	widower	<i>duda</i>	<b>kowalu mo?ane</b>	
145	orphan	<i>anak yatim</i>	<b>(kaindai) moelu</b>	
146	adopted child	<i>anak angkat</i>	<b>kaana-ana</b>	
147	guest	<i>tamu</i>	<b>bundono</b>	
148	companion	<i>kawan, teman</i>	<b>andea</b>	
149	enemy	<i>musuh</i>	<b>mbali</b>	
150	midwife	<i>bidan</i>	<b>bisa</b>	
151	shaman	<i>dukun, balian</i>	<b>bisa</b>	

152	I	<i>aku, saya</i>	<b>inoi</b>	
153	you (fam.)	<i>engkau, kamu</i>	<b>incucu</b>	
154	he, she	<i>dia, ia</i>	<b>anoa</b>	
155	we (excl.)	<i>kami</i>	<b>insami</b>	
156	we (incl.)	<i>kita</i>	<b>intano</b>	
157	you (plural)	<i>kalian</i>	<b>insimiу</b>	
158	they	<i>mereka</i>	<b>andoa</b>	
159	animal	<i>binatang</i>	<b>kadadi</b>	
160	water buffalo	<i>kerbau</i>	<b>kaxambau liwu</b>	
161	anoa depressicornis	<i>anoa</i>	<b>kaxambau</b>	
162	cow	<i>sapi</i>	<b>sapi</b>	
163	horn	<i>tanduk</i>	<b>tandu</b>	
164	tail	<i>ekor</i>	<b>lensi</b>	
165	hide, skin (of animals)	<i>jangat, kulit binatang</i>	<b>kuli</b>	
166	leather	<i>belulang</i>	<b>balula</b>	
167	bird	<i>burung</i>	<b>kado-kadola</b>	reduplication of <i>kadola</i> ‘chicken’, cf. 174
168	crow	<i>burung gagak</i>	<b>tonkaa</b>	
169	owl	<i>burung hantu</i>	<b>koa</b>	
170	megapode	<i>burung maleo</i>	<b>mamua</b>	
171	lorikeet	<i>burung nuri</i>	<b>kululi</b>	
172	cockatoo	<i>burung kakatua</i>	<b>kakatua</b>	
173	duck	<i>bebek</i>	<b>bebe</b>	
174	chicken	<i>ayam</i>	<b>kadola</b>	
175	wing	<i>sayap</i>	<b>pani</b>	
176	beak	<i>paruh</i>	<b>nunsu</b>	
177	egg (chicken)	<i>telur (ayam)</i>	<b>uteli</b>	
178	nest	<i>sarang</i>	<b>kapumpu</b>	
179	feather	<i>bulu (ayam)</i>	<b>wulu</b>	
180	louse (chicken)	<i>kutu ayam</i>	<b>oocu</b>	
181	louse (head)	<i>kutu (kepala)</i>	<b>duu</b>	
182	nit, louse egg	<i>lisa, telur kutu</i>	<b>liko?i</b>	
183	louse (clothes)	<i>tuma (pakaian)</i>	<b>cuma</b>	

184	bedbug	<i>kutu busuk</i>	<b>koloka</b>	
185	tick	<i>caplak</i>	<b>kocilapu</b>	
186	flea	<i>pinjal</i>	—	possibly <i>lamolo</i> , described as reddish in color, found on chickens, dogs, and people
187	bat	<i>kelelawar</i>	<b>ponisi</b>	
188	fruit bat, flying fox	<i>keluang, kalong</i>	<b>kalua</b>	
189	caterpillar	<i>ulat</i>	<b>ka?ule-?ule</b>	
190	butterfly	<i>kupu-kupu</i>	<b>kawale-wale</b>	
191	sago grub	<i>lundi</i>	<b>kebo</b>	
192	palm weevil	<i>kumbang sagu</i>	<b>kebo</b>	
193	coconut rhinoceros beetle	<i>bangbung</i>	<b>dolentaki</b>	
194	mosquito	<i>nyamuk</i>	<b>pœpi / kotandu</b>	<i>pœpi</i> is small, <i>kotandu</i> is large
195	fly	<i>lalat</i>	<b>buxoto</b>	
196	honey bee	<i>lebah</i>	<b>kambonua / kaenua</b>	<i>kambonua</i> is large and black, <i>kaenua</i> is small an yellow
197	honey	<i>madu</i>	<b>golano kambonua</b>	
198	beeswax	<i>lilin lebah</i>	<b>taxu</b>	
199	wasp	<i>tabuhan, penyengat</i>	<b>cipu</b>	
200	ant	<i>semut</i>	<b>sea</b>	
201	termite	<i>anai-anai</i>	<b>faa</b>	
202	cockroach	<i>lipas, kecoak</i>	<b>lalepo</b>	
203	centipede	<i>lipan</i>	<b>kamelaa</b>	
204	luminous centipede	<i>kelema(n)yar</i>	<b>holu</b>	
205	millipede	<i>kaki seribu</i>	<b>totogalu</b>	
206	firefly	<i>kunang-kunang</i>	<b>kalipopo</b>	
207	scorpion	<i>kalajengking</i>	<b>ka?acile?e</b>	
208	cicada	<i>tonggeret</i>	<b>kanai-nai</b>	
209	spider	<i>labah-labah</i>	<b>kololaa</b>	
210	leech	<i>lintah, pacet</i>	<b>kalimanto</b>	
211	earthworm	<i>cacing tanah</i>	<b>undelecu</b>	
212	snake	<i>ular</i>	<b>ule</b>	
213	python	<i>ular sawa</i>	<b>ule</b>	

214	fish	<i>ikan</i>	<b>kenta</b>	
215	fish scales	<i>sisik</i>	<b>anano kenta</b>	
216	fish gills	<i>insang</i>	<b>ansa</b>	
217	eel	<i>ikan belut</i>	<b>wulelu</b>	
218	shark	<i>ikan hiu</i>	<b>mojiwa</b>	
219	stingray	<i>ikan pari</i>	<b>pagi</b>	
220	whale	<i>ikan paus</i>	<b>bunsoso</b>	
221	dolphin	<i>lumba-lumba</i>	<b>lumba-lumba</b>	
222	dugong	<i>duyung</i>	<b>diu</b>	
223	squid	<i>cumi-cumi</i>	<b>baŋkuta</b>	
224	octopus	<i>gurita</i>	<b>suda</b>	
225	shrimp	<i>udang</i>	<b>uxa</b>	
226	lobster	<i>udang karang</i>	<b>koxouxa</b>	
227	crab	<i>kepiting</i>	<b>koniki / sikua / kewa</b>	different kinds of crabs; <i>koniki</i> is small, <i>sikua</i> is medium, <i>kewa</i> is large
228	pincher, claw (of crab)	<i>jepitan (kepiting)</i>	<b>aci</b>	
229	hermit crab	<i>umang-umang</i>	<b>kalauma</b>	
230	frog	<i>katak</i>	<b>kaporokaa</b>	
231	toad	<i>katak pura</i>	<b>kaporokaa</b>	
232	turtle	<i>kura-kura</i>	<b>kapo-kapoluka</b>	
233	sea turtle	<i>penyu</i>	<b>ponu / koila</b>	
234	crocodile	<i>buaya</i>	<b>buea</b>	
235	monitor lizard	<i>biawak</i>	<b>cimposu</b>	
236	tokay gecko	<i>tokek</i>	<b>toke</b>	
237	house gecko	<i>cicak</i>	<b>sasa</b>	
238	deer	<i>rusa</i>	<b>xusa</b>	
239	monkey	<i>monyet</i>	<b>ndoke</b>	
240	rat, mouse	<i>tikus</i>	<b>minsau</b>	
241	shrew	<i>celurut</i>	<b>minsau</b>	
242	pig	<i>babi</i>	<b>wewi</b>	
243	babirusa	<i>babi rusa</i>	<b>wewi</b>	
244	tusk	<i>taring</i>	<b>cimpa</b>	
245	dog	<i>anjing</i>	<b>mantoa</b>	

246	snout	<i>moncong</i>	<b>tomboro</b>	
247	cat	<i>kucing</i>	<b>beka</b>	
248	claw	<i>cakar</i>	<b>kaŋkaxi</b>	
249	goat	<i>kambing</i>	<b>bembe</b>	
250	horse	<i>kuda</i>	<b>ajaxa</b>	
251	civet	<i>musang</i>	<b>jina</b>	
252	squirrel	<i>tupai</i>	<b>kabolenka</b>	
253	bear cuscus	<i>kuskus beruang</i>	<b>mante</b>	
254	small cuscus	<i>kuskus kecil</i>	<b>xuloko</b>	
255	tarsier	<i>tangkasi, binatang hantu</i>	<b>mie-mie</b>	
256	male (of animals)	<i>jantan</i>	<b>moʔane</b>	
257	female (of animals)	<i>betina</i>	<b>xobine</b>	
258	tree	<i>pohon</i>	<b>puʔu</b>	
259	leaf	<i>daun</i>	<b>xonono (sau)</b>	
260	branch	<i>cabang</i>	<b>kaxaʔa</b>	
261	trunk	<i>batang</i>	<b>laa</b>	
262	root	<i>akar</i>	<b>xamba</b>	
263	tree stump	<i>tunggul (pohon)</i>	<b>kacumpu</b>	
264	bark (tree)	<i>kulit kayu</i>	<b>kulino sau</b>	
265	sap	<i>getah</i>	<b>folo</b>	
266	wood	<i>kayu</i>	<b>sau</b>	
267	fruit	<i>buah</i>	<b>ɓake</b>	
268	flower	<i>bunga</i>	<b>kambea</b>	
269	stem	<i>tangkai</i>	<b>taŋkulea</b>	
270	thorn	<i>duri</i>	<b>xii</b>	
271	banana	<i>pisang</i>	<b>kalei</b>	
272	banana blossom	<i>jantung pisang</i>	<b>kopuʔu</b>	
273	coconut (ripe)	<i>kelapa tua</i>	<b>kaluku mocuʔa</b>	
274	coconut (unripe)	<i>kelapa muda</i>	<b>kalimbuŋo</b>	
275	coconut husk	<i>sabut kelapa</i>	<b>ɓenu</b>	
276	coconut shell	<i>tempurung</i>	<b>kaʔua</b>	

277	coconut apple, haustorium	<i>tombong kelapa</i>	<b>umba</b>	
278	copra	<i>kopra</i>	<b>kulou</b>	
279	coconut frond stipule	<i>tapas kelapa</i>	<b>kabe-kabetano kaluku</b>	note also <i>bansa</i> ‘spathe’, <i>kumbilia</i> ‘palm inflorescence’
280	oil	<i>minyak</i>	<b>mina</b>	
281	bamboo	<i>bambu</i>	<b>lobu / soxabi / pacu / paxawata</b>	different kinds of bamboo; <i>soxabi</i> is small, <i>pacu</i> is large
282	internode (bamboo)	<i>ruas (bambu)</i>	<b>laa</b>	as in <i>xua laa</i> ‘two internodes’
283	bamboo shoot	<i>rebung</i>	<b>olombe</b>	
284	sago palm	<i>rumbia</i>	<b>xumbia</b>	
285	sago flour	<i>tepung sagu</i>	<b>tabaxo</b>	
286	nipa palm	<i>nipah</i>	<b>panasa</b>	
287	sugar palm	<i>enau, aren</i>	<b>konau</b>	
288	palm toddy	<i>nira</i>	<b>oñeno konau</b>	
289	ijuk fiber	<i>ijuk</i>	<b>kampuga</b>	
290	rattan	<i>rotan</i>	<b>ue</b>	
291	sugarcane	<i>tebu</i>	<b>towu</b>	
292	peanut	<i>kacang tanah</i>	<b>rapo-rapo</b>	
293	candlenut	<i>kemiri</i>	<b>beau</b>	
294	kapok	<i>kapok</i>	<b>kapa</b>	
295	eggplant	<i>terung</i>	<b>palola</b>	
296	gourd	<i>labu kendi</i>	<b>taku</b>	from tree ( <i>Crescentia cujete</i> )
297	squash, pumpkin	<i>labu manis</i>	<b>kela</b>	
298	cucumber	<i>ketimun</i>	<b>balonka manansisi</b>	
299	watermelon	<i>semangka</i>	<b>balonka</b>	
300	papaya	<i>pepaya</i>	<b>kapaea</b>	
301	chili pepper	<i>cabe, lombok</i>	<b>saha</b>	
302	garlic, onion	<i>bawang</i>	<b>bawa</b>	
303	tomato	<i>tomat</i>	<b>ntamate</b>	
304	citrus fruit	<i>jeruk</i>	<b>munte</b>	
305	mango	<i>mangga</i>	<b>foo</b>	
306	durian	<i>durian</i>	<b>durian</b>	
307	breadfruit	<i>sukun</i>	<b>kula</b>	

308	ginger	<i>jahe</i>	<b>lo?ia</b>	
309	turmeric	<i>kunyit</i>	<b>suni</b>	
310	cassava	<i>ubi kayu</i>	<b>mafau sau</b>	
311	sweet potato	<i>ubi jalar</i>	<b>kasitela</b>	
312	taro	<i>talas, keladi</i>	<b>tonea</b>	
313	greater yam	<i>ubi</i>	<b>mafau</b>	
314	lesser yam	<i>ubi kembili</i>	<b>meabu</b>	
315	bitter yam	<i>gadung, ubi arak</i>	<b>kampa?i</b>	
316	betel	<i>sirih</i>	<b>xoono</b>	
317	areca nut	<i>pinang</i>	<b>wua</b>	
318	banyan	<i>beringin</i>	<b>wansau</b>	
319	dammar	<i>damar</i>	<b>onoli</b>	
320	casuarina	<i>eru</i>	<b>guu</b>	
321	ti plant	<i>andong</i>	—	
322	derris (fish poison)	<i>tuba</i>	<b>ciwele</b>	
323	mushroom	<i>cendawan, jamur</i>	<b>xawa</b>	
324	short grass	<i>rumput</i>	<b>wolii</b>	
325	cogon grass	<i>alang-alang</i>	<b>dana</b>	
326	pineapple	<i>nenas</i>	<b>nanasi</b>	
327	pandanus	<i>pandan</i>	<b>ponda</b>	
328	fragrant pandan	<i>pandan wangi</i>	<b>panda</b>	
329	seed	<i>biji</i>	<b>ulumpe</b>	
330	(rice) seedling	<i>bibit (padi)</i>	<b>wine</b>	
331	field rice	<i>padi</i>	<b>bae</b>	
332	rice (cut, unhulled)	<i>gabah</i>	<b>bae</b>	
333	hull of rice	<i>sekam (gabah)</i>	<b>lapa</b>	
334	straw	<i>jerami</i>	<b>pajuno bae</b>	
335	hulled rice	<i>beras</i>	<b>bae</b>	
336	cooked rice	<i>nasi</i>	<b>niumaa</b>	
337	corn	<i>jagung</i>	<b>gandu</b>	
338	millet	<i>jawawut, sekoi</i>	<b>woto</b>	
339	Job's tears	<i>enjelai</i>	<b>sole</b>	

340	sorghum	<i>jawaras, cantel</i>	<b>katotowu</b>	
341	sun	<i>matahari</i>	<b>oleo</b>	
342	moon	<i>bulan</i>	<b>wula</b>	
343	star	<i>bintang</i>	<b>kambea-mbea</b>	
344	sky	<i>langit</i>	<b>laiano</b>	
345	cloud	<i>awan</i>	<b>olu</b>	
346	raincloud	<i>awan hitam</i>	<b>olu ka?ito</b>	
347	fog	<i>kabut</i>	<b>gawu</b>	
348	dew	<i>embun</i>	<b>oalo</b>	
349	thunder	<i>guntur</i>	<b>guncu</b>	
350	lightning	<i>kilat</i>	<b>fibito</b>	
351	rain	<i>hujan</i>	<b>ise</b>	
352	flood	<i>banjir</i>	<b>waa</b>	
353	rainbow	<i>pelangi</i>	<b>to?ue</b>	
354	wind	<i>angin</i>	<b>kawea</b>	
355	sea, ocean	<i>laut</i>	<b>te?i</b>	
356	wave	<i>ombak</i>	<b>bomba</b>	
357	low tide	<i>air surut</i>	<b>kamokele</b>	with stem <i>mokele</i> 'dry', cf. 469
358	high tide	<i>air pasang</i>	<b>buso</b>	
359	island	<i>pulau</i>	<b>pulo</b>	
360	cape, headland	<i>tanjung</i>	<b>lansu</b>	
361	bay	<i>teluk</i>	<b>kolowa</b>	
362	shore	<i>pantai</i>	<b>wiwino te?i</b>	
363	sand	<i>pasir</i>	<b>komea</b>	
364	mud	<i>lumpur</i>	<b>tembo</b>	
365	earth, ground	<i>tanah</i>	<b>wite</b>	
366	earthquake	<i>gempa bumi</i>	<b>luali</b>	
367	cave	<i>gua</i>	<b>goa / lia</b>	
368	hole	<i>lubang</i>	<b>kalomba</b>	
369	salt	<i>garam</i>	<b>gaxa</b>	
370	sugar	<i>gula</i>	<b>gola</b>	
371	water	<i>air</i>	<b>o:?e</b>	
372	waterfall	<i>air terjun</i>	<b>bumbula</b>	
373	spring	<i>mata air</i>	<b>matano o:?e</b>	

374	mountain	<i>gunung</i>	<b>gunu</b>	note also <i>tohuku</i> ‘hill’ (mistranscribed, should be <i>toxuku</i> ?)
375	summit	<i>puncak</i>	<b>tandaka</b>	
376	plain	<i>dataran</i>	<b>kafete</b>	
377	valley	<i>lembah</i>	<b>mboloŋa</b>	
378	woods, forest	<i>hutan</i>	<b>kaampo</b>	
379	river	<i>sungai</i>	<b>umele</b>	
380	current (of stream, river)	<i>arus</i>	<b>solo</b>	
381	river mouth	<i>muara, kuala</i>	<b>minaŋa</b>	
382	lake	<i>danau</i>	<b>'danau</b>	from Malay
383	fire	<i>api</i>	<b>wea</b>	
384	smoke (from fire)	<i>asap</i>	<b>umbo</b>	
385	embers	<i>bara api</i>	<b>kambalo</b>	
386	ashes	<i>abu</i>	<b>abu</b>	
387	dust	<i>debu</i>	<b>buxaŋasi</b>	
388	stone	<i>batu</i>	<b>wacu</b>	
389	lime	<i>kapur</i>	<b>ofi</b>	
390	gold	<i>emas</i>	<b>bulawa</b>	
391	silver	<i>perak</i>	<b>salaka / pera</b>	
392	bronze	<i>tembaga</i>	<b>xici / tambaga</b>	
393	iron	<i>besi</i>	<b>ase</b>	
394	earthen	<i>tembikar</i>	—	note <i>bosu</i> , referring to a particular kind of earthen vessel
395	shadow	<i>bayang-bayang</i>	<b>kaolu-olu</b>	
396	house	<i>rumah</i>	<b>lambu</b>	
397	floor	<i>lantai</i>	<b>xante</b>	
398	ladder	<i>tangga</i>	<b>polanku</b>	
399	wall (of house)	<i>dinding</i>	<b>kaxondomi</b>	
400	door	<i>pintu</i>	<b>kajoli / lawa</b>	<i>kajoli</i> is the door leaf, <i>lawa</i> is the doorway
401	window	<i>jendela</i>	<b>balo-balo</b>	
402	roof	<i>atap</i>	<b>ato</b>	
403	ridge (of roof)	<i>bubungan</i>	<b>bumbuŋa</b>	
404	rafter	<i>kasau</i>	<b>saʔo</b>	

405	storage shelf above hearth	<i>para</i>	<b>tomuna</b>	
406	house post	<i>tiang rumah</i>	<b>koxiʔi</b>	
407	space under house	<i>kolong</i>	<b>wawa</b>	
408	fence	<i>pagar</i>	<b>pagara / tondo</b>	<i>tondo</i> is a garden fence, built to protect against pigs
409	canoe, boat	<i>perahu</i>	<b>baŋka</b>	
410	bow (of boat)	<i>haluan</i>	<b>xope</b>	
411	stern	<i>buritan</i>	<b>unea</b>	
412	rudder	<i>kemudi</i>	<b>ouli</b>	
413	sail	<i>layar</i>	<b>paŋaowa</b>	
414	canoe paddle	<i>dayung</i>	<b>bose</b>	
415	raft	<i>rakit</i>	<b>xaki</b>	
416	charcoal	<i>arang</i>	<b>eo</b>	
417	three-stone fireplace	<i>tungku</i>	<b>dalika</b>	
418	firewood	<i>kayu api</i>	<b>sau katompo</b>	
419	tinder	<i>rabuk</i>	<b>baxu</b>	
420	torch	<i>obor</i>	<b>oboro</b>	
421	cooking pot	<i>periuk, belanga</i>	<b>poluka</b>	
422	water jar	<i>tempayan</i>	<b>gusi</b>	
423	bamboo water container	<i>tempat air bambu</i>	<b>lobu</b>	
424	ladle of coconut shell	<i>gayung</i>	<b>kantadu</b>	
425	mortar	<i>lesung</i>	<b>katombukia</b>	
426	pestle (rice)	<i>penumbuk, alu</i>	<b>anano katombukia</b>	
427	winnowing basket	<i>nyiru</i>	<b>katepi</b>	
428	dibble	<i>tugal</i>	<b>kacika</b>	
429	rice harvest knife	<i>ani-ani</i>	<b>pota</b>	
430	knife	<i>pisau</i>	<b>kapiso</b>	
431	machete	<i>parang</i>	<b>kapulu</b>	
432	sheath for machete	<i>sarung parang</i>	<b>posolo</b>	

433	chopping block	<i>papan pemotong</i>	<b>kapetando?a / kacumpo?a</b>	
434	ax, hatchet	<i>kapak, kampak</i>	<b>kapanto</b>	
435	grub hoe	<i>pacul, cangkul</i>	<b>kasa?era</b>	
436	blowgun	<i>sumpitan</i>	<b>punto</b>	
437	pitfall spike	<i>ranjau</i>	<b>ampa</b>	
438	fish trap	<i>bubu</i>	<b>wuwu</b>	
439	top (toy)	<i>gasing</i>	<b>baŋku</b>	
440	staff, walking stick	<i>tongkat</i>	<b>kacuko</b>	
441	comb	<i>sisir</i>	<b>suawi</b>	
442	ring (for finger)	<i>cincin</i>	<b>siŋkaxo</b>	
443	necklace	<i>kalung</i>	<b>rante</b>	
444	beads	<i>manik-manik</i>	<b>kasamba</b>	
445	rope	<i>tali (besar, pintal)</i>	<b>xabuta</b>	
446	string	<i>benang, tali (kecil)</i>	<b>kaxaxa</b>	
447	peg, nail	<i>paku</i>	<b>paso</b>	
448	needle	<i>jarum</i>	<b>kasoxumba</b>	
449	sarong	<i>sarung</i>	<b>beta</b>	note also <i>kampudeke</i> ‘man’s style of wearing a sarong’, <i>boŋkeke</i> ‘woman’s style of wearing a sarong’
450	trousers	<i>celana</i>	<b>sala</b>	
451	mat	<i>tikar</i>	<b>kiwalu</b>	
452	blanket	<i>selimut</i>	<b>kalunjko</b>	
453	pillow	<i>bantal</i>	<b>polanu</b>	
454	cradle	<i>ayunan</i>	<b>kauwe</b>	
455	loincloth	<i>cawat, kain pinggang</i>	—	note kinds of undergarments: <i>kampudeke</i> (men’s), <i>boŋkeke</i> (women’s), <i>koteka</i> ‘underwear ( <i>celana dalam</i> )’
456	bark cloth	<i>jeluang</i>	—	
457	wine	<i>saguer</i>	<b>suka</b>	
458	medicine	<i>obat</i>	<b>lansau</b>	
459	swidden, dry rice/corn field	<i>ladang</i>	<b>katadua</b>	
460	trail, road	<i>jalanan</i>	<b>toni?a</b>	
461	footbridge	<i>titi, titian</i>	<b>kalele?a</b>	

462	village	<i>kampung</i>	<b>kampo</b>	
463	market	<i>pasar</i>	<b>daoa</b>	
464	big	<i>besar</i>	<b>no-oge</b>	
465	small (object)	<i>kecil</i>	<b>no-kakidi</b>	
466	good	<i>baik</i>	<b>mokesa</b>	
467	bad, evil	<i>jahat</i>	<b>ka?ije-?ije</b>	
468	wet	<i>basah</i>	<b>no-<b>ba?</b>o</b>	
469	dry	<i>kering</i>	<b>no-mokele</b>	
470	dark	<i>gelap</i>	<b>mokosiompo</b>	
471	bright	<i>terang</i>	<b>maluanta</b>	
472	wide	<i>lebar</i>	<b>no-molewe</b>	
473	broad	<i>luas</i>	<b>lalesa</b>	
474	narrow	<i>sempit</i>	<b>no-mogimpi</b>	
475	strong	<i>kuat</i>	<b>no-mo?osa</b>	
476	weak	<i>lemah</i>	<b>no-molute / no-monale</b>	
477	brave	<i>berani</i>	<b>barani / mosega</b>	
478	tame (animal)	<i>jinak (binatang)</i>	<b>no-monea</b>	
479	wild (animal)	<i>liar (binatang)</i>	<b>no-mo?ila</b>	
480	far	<i>jauh</i>	<b>no-kodo?o</b>	
481	near	<i>dekat</i>	<b>no-kama?o</b>	
482	new (objects)	<i>baru</i>	<b>no-wu?ou</b>	
483	old (objects)	<i>lama</i>	<b>no-menene</b>	
484	old (persons)	<i>tua</i>	<b>no-mocu?a</b>	
485	young	<i>muda</i>	<b>no-mohuguna</b>	
486	thick (object)	<i>tebal</i>	<b>no-mokapa</b>	
487	thin (object)	<i>tipis</i>	<b>monifi</b>	
488	skinny	<i>kurus</i>	<b>no-moxodaku</b>	
489	fat	<i>gemuk</i>	<b>no-moxumbu</b>	
490	hot (water)	<i>panas (air)</i>	<b>no-pana</b>	
491	cold (water)	<i>dingin (air)</i>	<b>no-moxindi</b>	
492	(luke)warm (water)	<i>hangat (air)</i>	<b>panajuku</b>	
493	clear (water)	<i>jernih (air)</i>	<b>no-molonto</b>	

494	fresh (water)	<i>tawar (air)</i>	<b>no-motetembe</b>	
495	dull (knife)	<i>tumpul</i>	<b>no-mokudo</b>	
496	sharp (knife)	<i>tajam</i>	<b>no-moxoko</b>	
497	slack (rope)	<i>kendur (tali)</i>	<b>no-molunjka</b>	
498	taut (rope)	<i>kencang, berentang (tali)</i>	<b>no-mogogo</b>	
499	short (length)	<i>pendek</i>	<b>moka?ompu</b>	
500	short (height)	<i>rendah</i>	<b>no-moxempe</b>	
501	tall	<i>tinggi</i>	<b>melanja</b>	
502	long (object)	<i>panjang</i>	<b>no-melanjke</b>	
503	ripe	<i>matang, masak (buah)</i>	<b>mota?a</b>	
504	unripe	<i>mentah (buah)</i>	<b>mata-mata</b>	
505	rotten (fruit)	<i>busuk</i>	<b>no-buxu</b>	
506	withered	<i>layu</i>	<b>moleleu</b>	
507	sour	<i>masam, asam</i>	<b>no-mokolo</b>	
508	bitter	<i>pahit</i>	<b>no-pa?i</b>	
509	sweet	<i>manis</i>	<b>no-meko</b>	
510	salty	<i>asin</i>	<b>motada</b>	
511	spicy	<i>pedas</i>	<b>molala</b>	
512	tasty, delicious	<i>enak</i>	<b>no-mbaka</b>	
513	fragrant	<i>harum, wangi</i>	<b>no-wondu</b>	
514	blind	<i>buta</i>	<b>no-bunto</b>	
515	deaf	<i>tuli</i>	<b>no-ponke</b>	
516	drunk, intoxicated	<i>mabuk</i>	<b>no-mola?ju</b>	
517	healthy	<i>sehat</i>	<b>waxaka</b>	
518	pain, to be sick	<i>sakit</i>	<b>no-molea</b>	
519	feverish	<i>demam</i>	<b>sodo</b>	
520	lame	<i>pincang</i>	<b>mokempa / mo?kedo</b>	
521	thirsty	<i>haus</i>	<b>no-mo?ikele</b>	
522	hungry	<i>lapar</i>	<b>no-mo?axo</b>	
523	full (satiated)	<i>kenyang</i>	<b>no-kabe?ia</b>	
524	other, different	<i>lain (orang lain)</i>	<b>sega?ano</b>	

525	all	<i>semua</i>	<b>baxi-baxie</b>	with third person singular suffix <i>-e</i>
526	many	<i>banyak</i>	<b>no-baxi</b>	
527	few, little (quantity)	<i>sedikit</i>	<b>sekidi</b>	
528	some	<i>beberapa</i>	<b>sefa-sefae</b>	reduplication of <i>sefae</i> ‘how many?’, cf. 842
529	enough, sufficient	<i>cukup</i>	<b>gana</b>	
530	heavy	<i>berat</i>	<b>no-bie</b>	
531	light (in weight)	<i>ringan</i>	<b>mosape</b>	
532	hard (substance)	<i>keras</i>	<b>no-mo?osa</b>	
533	dirty	<i>kotor</i>	<b>no-moxiŋka</b>	
534	clean	<i>bersih</i>	<b>molaŋi / moŋkilo</b>	
535	straight	<i>lurus</i>	<b>no-melaa</b>	
536	round (spherical)	<i>bulat (seperti bola)</i>	<b>no-molimbu</b>	
537	flat	<i>rata</i>	<b>rata</b>	
538	lonely	<i>sunyi, sepi</i>	<b>no-molino</b>	
539	difficult	<i>sukar</i>	<b>no-mo?ali</b>	
540	easy	<i>gampang, mudah</i>	<b>no-muda</b>	
541	expensive	<i>mahal</i>	<b>mo?ali</b>	
542	cheap	<i>murah</i>	<b>no-muda</b>	
543	smooth	<i>halus, licin</i>	<b>no-?alusu</b>	
544	slippery	<i>licin</i>	<b>no-mondeli</b>	
545	fast	<i>lekas, cepat</i>	<b>me?ada</b>	
546	deep	<i>dalam (airnya)</i>	<b>no-kundalo</b>	
547	shallow	<i>dangkal</i>	<b>no-mbuxi</b>	
548	full (container)	<i>penuh</i>	<b>no-pono</b>	
549	true, correct	<i>benar</i>	<b>no-kocu?u</b>	
550	false, incorrect	<i>salah</i>	<b>no-dosa</b>	
551	white	<i>putih</i>	<b>no-pute</b>	
552	black	<i>hitam</i>	<b>no-mo?ito</b>	
553	yellow	<i>kuning</i>	<b>no-mokuni</b>	
554	red	<i>merah</i>	<b>no-modea</b>	
555	green	<i>hijau</i>	<b>no-moijo</b>	

556	blue	<i>biru</i>	—	
557	not	<i>tidak</i>	<b>meena</b>	
558	no longer	<i>tidak lagi</i>	<b>paiemo ~ payemo</b>	
559	there is, there are	<i>ada</i>	<b>nando</b>	
560	none	<i>tidak ada</i>	<b>memeena</b>	
561	no	<i>bukan</i>	<b>misuano</b>	
562	don't	<i>jangan</i>	<b>koi?e</b>	
563	if	<i>kalau, jika</i>	<b>ane</b>	
564	because	<i>karena</i>	<b>xantaea</b>	
565	whatever you call it	<i>anu</i>	<b>axu</b>	
566	now, already (perfective)	<i>sudah</i>	<b>apu(mo)</b>	
567	not yet	<i>belum</i>	<b>mena?o</b>	
568	and	<i>dan</i>	<b>bae</b>	
569	this	<i>ini</i>	<b>oini</b>	
570	that	<i>itu</i>	<b>oicu</b>	
571	that distant	<i>itu yang jauh</i>	<b>so?aa</b>	
572	here	<i>di sini</i>	<b>nde?ini</b>	
573	there	<i>di situ</i>	<b>nde?icu</b>	
574	way over there	<i>di sana</i>	<b>soiso?aa</b>	
575	one	<i>satu</i>	<b>seise</b>	
576	two	<i>dua</i>	<b>xudua</b>	
577	three	<i>tiga</i>	<b>totolu</b>	
578	four	<i>empat</i>	<b>wopaa</b>	
579	five	<i>lima</i>	<b>lidima</b>	
580	six	<i>enam</i>	<b>nonoo</b>	
581	seven	<i>tujuh</i>	<b>wipicu</b>	
582	eight	<i>delapan</i>	<b>oalu</b>	
583	nine	<i>sembilan</i>	<b>sisiua</b>	
584	ten	<i>sepuluh</i>	<b>ompulu</b>	
585	eleven	<i>sebelas</i>	<b>ompulu seise</b>	
586	twelve	<i>dua belas</i>	<b>ompulu xudua</b>	
587	thirteen	<i>tiga belas</i>	<b>ompulu totolu</b>	

588	fourteen	<i>empat belas</i>	<b>ompulu wopaa</b>	
589	fifteen	<i>lima belas</i>	<b>ompulu lidima</b>	
590	sixteen	<i>enam belas</i>	<b>ompulu nonoo</b>	
591	seventeen	<i>tujuh belas</i>	<b>ompulu wipicu</b>	
592	eighteen	<i>delapan belas</i>	<b>ompulu oalu</b>	
593	nineteen	<i>sembilan belas</i>	<b>ompulu sisiua</b>	
594	twenty	<i>dua puluh</i>	<b>xua fulu</b>	
595	twenty-one	<i>dua puluh satu</i>	<b>xua fulu seise</b>	
596	twenty-two	<i>dua puluh dua</i>	<b>xua fulu xudua</b>	
597	twenty-three	<i>dua puluh tiga</i>	<b>xua fulu totolu</b>	
598	twenty-four	<i>dua puluh empat</i>	<b>xua fulu wopaa</b>	
599	twenty-five	<i>dua puluh lima</i>	<b>xua fulu lidima</b>	
600	twenty-six	<i>dua puluh enam</i>	<b>xua fulu nonoo</b>	
601	twenty-seven	<i>dua puluh tujuh</i>	<b>xua fulu wipicu</b>	
602	twenty-eight	<i>dua puluh delapan</i>	<b>xua fulu oalu</b>	
603	twenty-nine	<i>dua puluh sembilan</i>	<b>xua fulu sisiua</b>	
604	thirty	<i>tiga puluh</i>	<b>tolu fulu</b>	
605	forty	<i>empat puluh</i>	<b>fato fulu</b>	
606	fifty	<i>lima puluh</i>	<b>lima fulu</b>	
607	sixty	<i>enam puluh</i>	<b>nomo fulu</b>	
608	seventy	<i>tujuh puluh</i>	<b>ficu fulu</b>	
609	eighty	<i>delapan puluh</i>	<b>alu fulu</b>	
610	ninety	<i>sembilan puluh</i>	<b>siua fulu</b>	
611	hundred	<i>seratus</i>	<b>mo?ono</b>	
612	two hundred	<i>dua ratus</i>	<b>xua mo?ono</b>	
613	thousand	<i>seribu</i>	<b>sexiwu</b>	
614	two thousand	<i>dua ribu</i>	<b>xua xiwu</b>	
615	at	<i>di</i>	<b>nde</b>	
616	left (hand/side)	<i>kiri</i>	<b>kema</b>	
617	right (hand/side)	<i>kanan</i>	<b>suana</b>	
618	west	<i>barat</i>	<b>baxa</b>	
619	east	<i>timur</i>	<b>cimbu</b>	
620	north	<i>utara</i>	<b>napa</b>	

621	south	<i>selatan</i>	<b>salata</b>	
622	toward the sea	<i>ke arah laut</i>	<b>xope waete?i</b>	
623	toward the interior	<i>ke arah (pe)dalam(an)</i>	<b>wae kundaloano</b>	
624	under	<i>di bawah</i>	<b>wae panda</b>	
625	on top of, above	<i>di atas</i>	<b>nde wawo</b>	
626	behind	<i>di belakang</i>	<b>nde kundo</b>	
627	in front	<i>di depan</i>	<b>tae xanda</b>	
628	outside	<i>di luar</i>	<b>nde: kundo</b>	
629	inside	<i>di dalam</i>	<b>nde: lalo</b>	
630	edge	<i>pinggir</i>	<b>wiwi / lepe</b>	
631	with	<i>dengan</i>	<b>bae</b>	
632	day	<i>hari</i>	<b>oleo</b>	
633	night	<i>malam</i>	<b>xondo</b>	
634	morning	<i>pagi</i>	<b>xaneo / modondo</b>	
635	midday	<i>siang</i>	<b>ole?oleo</b>	
636	afternoon	<i>sore</i>	<b>ma?onoleo</b>	
637	yesterday	<i>kemarin</i>	<b>ndewini</b>	
638	day before yesterday	<i>kemarin dulu</i>	<b>nifuamo</b>	
639	three days ago	<i>tiga hari yang lalu</i>	<b>nitolumo</b>	
640	today	<i>hari ini</i>	<b>oleo ini</b>	
641	tomorrow	<i>besok</i>	<b>naile</b>	
642	day after tomorrow	<i>lusa</i>	<b>naifua</b>	
643	three days hence	<i>tiga hari di depan</i>	<b>naitolu</b>	
644	year	<i>tahun</i>	<b>ta?u</b>	
645	ashamed, shy	<i>malu</i>	<b>no-maea</b>	
646	angry	<i>marah</i>	<b>no-?amaxa</b>	
647	to fear, be afraid of	<i>takut (kepada)</i>	<b>no-mote?i</b>	
648	to count	<i>menghitung</i>	<b>ne-?ise</b>	
649	to learn	<i>belajar</i>	<b>ne-kampeadaxi</b>	note also <i>ne-basa</i> ‘read’, <i>ne-buxi</i> ‘write’
650	to think	<i>berpikir</i>	<b>no-pekixi</b>	

651	to know (a thing)	<i>tahu (sesuatu)</i>	<b>no-pandeʔane</b>	
652	to know a person	<i>kenal (orang)</i>	<b>no-popandeʔao</b>	
653	to forget	<i>lupa</i>	<b>no-molina-e</b>	
654	to remember	<i>mengingat</i>	<b>totajana-e</b>	with first person plural prefix <i>to-</i> (?)
655	to lie (untruth)	<i>berbohong, mendusta</i>	<b>no-kajia-jiamu</b>	
656	to choose	<i>memilih</i>	<b>ne-pembili</b>	
657	to beckon with the hand	<i>memanggil (dengan tangan)</i>	<b>ne-loʔoi</b>	
658	to tell	<i>memberitahu, kasi tahu</i>	<b>no-polele</b>	
659	to say, speak, utter	<i>berkata</i>	<b>no-pulu / no-pogau</b>	
660	to order, command	<i>menyuruh</i>	<b>cumpu-e</b>	
661	to repeat	<i>mengulangi</i>	<b>no-fendua</b>	
662	to request	<i>meminta</i>	<b>a-pinsalo</b>	with first person singular <i>a-</i>
663	to invite	<i>mengundang</i>	<b>ae-kemba</b>	with first person singular <i>ae-</i> ; note also <i>aʔundajida</i> ‘I invite them’ with stem <i>undaji</i> (< Malay <i>undang</i> )
664	to ask, inquire	<i>bertanya</i>	<b>a-feena</b>	with first person singular <i>a-</i>
665	to answer	<i>menjawab</i>	<b>no-balo</b>	
666	to accuse	<i>menuduh</i>	<b>a-tudu-e</b>	with first person singular <i>a-</i>
667	to deny	<i>menyangkal</i>	<b>no-gaga</b>	
668	to sing	<i>menyanyi</i>	<b>no-lagu</b>	
669	to cry	<i>menangis</i>	<b>no-ʔoʔae</b>	
670	to laugh	<i>tertawa</i>	<b>no-fotaa</b>	
671	to shout	<i>berteriak</i>	<b>pekei</b>	also <i>nokakei-kei</i> ‘shout repeatedly’
672	to hear	<i>mendengar</i>	<b>no-xedene</b>	
673	to see	<i>melihat</i>	<b>no-ʔondo</b>	
674	look up	<i>melihat ke atas</i>	<b>totonjaxa</b>	
675	look down	<i>melihat ke bawah</i>	<b>cucunku</b>	
676	to smell, sniff	<i>mencium</i>	<b>no-fewono / ne-bobo</b>	<i>fewono</i> is to sense without volition, <i>bobo</i> is to sniff, smell with volition
677	to fell (tree)	<i>menebang</i>	<b>no-cuʔo-e</b>	

678	to cut (wood, across grain)	<i>memotong (kayu)</i>	<b>ne-cumpo</b>	
679	to split (wood)	<i>membelah (kayu)</i>	<b>ne-weta</b>	
680	to slice	<i>mengiris</i>	<b>die-?e</b>	also <i>irisi-e</i> (from Malay <i>iris</i> )
681	to grate	<i>memarut</i>	<b>no-kiki-e</b>	
682	to sharpen	<i>mengasah</i>	<b>no-winto-e</b>	
683	to fold	<i>melipat</i>	<b>ne-loko</b>	
684	to roll up	<i>menggulung</i>	<b>lului-?e</b>	also <i>no-gulu-e</i> (from Malay <i>gulung</i> )
685	to cook	<i>memasak</i>	<b>ne-na?u</b>	
686	to (be) boil(ing) (of water)	<i>mendidih</i>	<b>no-deke</b>	
687	to open, uncover	<i>membuka</i>	<b>ne-boka / ne-boŋka</b>	
688	to cover	<i>menutup</i>	<b>no-?ampo-e</b>	
689	to fry	<i>menggoreng</i>	<b>ne-hole</b>	
690	to eat	<i>makan</i>	<b>no-maa</b>	
691	to drink	<i>minum</i>	<b>no-foxo?u</b>	
692	to bite	<i>menggigit</i>	<b>ne-kukuci</b>	
693	to taste (food)	<i>mencicipi</i>	<b>mefenami</b>	
694	to lick	<i>menjilat</i>	<b>ne-sela?i / no-sela?i-e</b>	respectively indefinite and definite object
695	to chew (not to swallow)	<i>mengunyah</i>	<b>ne-naŋku</b>	
696	to chew betelnut	<i>makan pinang</i>	<b>ne-mpana</b>	
697	to swallow	<i>menelan</i>	<b>ne-tolo</b>	
698	to suck (not nurse)	<i>mengisap</i>	<b>ne-gomi</b>	
699	to blow (on fire)	<i>meniup</i>	<b>ne-?ucu</b>	note also <i>nepuxoxo</i> ‘blow (dust away)’
700	to flame, blaze	<i>menyala</i>	<b>no-sia</b>	
701	to point	<i>menunjuk</i>	<b>mesusu</b>	
702	to hold	<i>memegang</i>	<b>ne-keni</b>	
703	to use	<i>memakai</i>	<b>mepake</b>	
704	to squeeze (in hand)	<i>memeras</i>	<b>ne-feo</b>	

705	to throw away	<i>membuang</i>	<b>ne-wisa-o</b>	
706	to fall, drop (as fruit)	<i>jatuh</i>	<b>no-mundawu</b>	
707	to drop	<i>menjatuhkan</i>	<b>no-fandawu-e</b>	
708	to play	<i>bermain</i>	<b>no-pokalalambu</b>	
709	to work	<i>bekerja</i>	<b>no-karajaa</b>	
710	to rest	<i>beristirahat</i>	<b>no-fewule</b>	
711	to burn (field)	<i>membakar (kebun)</i>	<b>ne-cunu</b>	
712	to plant	<i>menanam</i>	<b>ne-tadu</b>	
713	to grow	<i>tumbuh</i>	<b>no-cumbu</b>	
714	to winnow	<i>menampi</i>	<b>ne-tepi</b>	
715	to pound (rice)	<i>menumbuk (padi)</i>	<b>ne-tombuki</b>	
716	to mill	<i>menggiling</i>	<b>ne-gili</b>	
717	to crush spices (in mortar)	<i>mengulek</i>	<b>tombuki</b>	
718	to crush	<i>melumatkan</i>	<b>pxuxoki-e</b>	
719	to live, be alive	<i>hidup</i>	<b>no-mo?oxi</b>	
720	to die, dead	<i>mati</i>	<b>no-mate</b>	
721	to dig (hole)	<i>menggali</i>	<b>ne-seli</b>	
722	to bury, inter	<i>menguburkan</i>	<b>no-tano-e / no-kobuxu-e</b>	<i>tano</i> as in burying animals; <i>kobuxu</i> (< Malay <i>kubur</i> ) means to bury people
723	to push	<i>mendorong</i>	<b>no-jumbunane</b>	
724	to pull	<i>menarik (sesuatu)</i>	<b>ne-hela-e ~ no-hela-e</b>	possibly mistranscribed, expected: <i>nehela</i> , <i>nohelae</i>
725	to lift	<i>mengangkat</i>	<b>no-saŋke-e</b>	
726	to tie (tether animal)	<i>mengikat, menambatkan</i>	<b>ne-boke</b>	
727	to turn (right/left)	<i>berbelok</i>	<b>no-bali</b>	
728	to turn around	<i>berputar</i>	<b>no-pa?ele</b>	
729	to stick to	<i>melekat, berlekat</i>	<b>no-pika</b>	
730	to wipe	<i>mengelap</i>	<b>no-pagisi-e</b>	
731	to wash clothes	<i>mencuci pakaian</i>	<b>ne-tofa</b>	
732	to dry (clothes) in sun	<i>menjemur (pakaian)</i>	<b>ne-?oleo</b>	
733	to wash hands	<i>mencuci tangan</i>	<b>ne-wu?i</b>	

734	to bathe	<i>mandi</i>	<b>ne-<b>ba?</b>o</b>	
735	to give someone a bath	<i>memandikan</i>	<b>no-<b>ba?</b>o-e</b>	
736	to swim	<i>berenang</i>	<b>no-leji</b>	
737	to dive, submerge	<i>menyelam</i>	<b>ne-leo</b>	
738	to float	<i>mengapung</i>	<b>no-lanto</b>	
739	to sink	<i>tenggelam</i>	<b>no-tondu</b>	note also <i>nomololomo</i> ‘drown (of humans, animals)’
740	to climb (tree)	<i>memanjat (pohon)</i>	<b>ne-foni?i</b>	
741	to climb (mountain)	<i>mendaki (gunung)</i>	<b>no-taga</b>	
742	to ascend	<i>naik</i>	<b>no-foni</b>	
743	to descend	<i>turun</i>	<b>sampu</b>	
744	to hide	<i>bersembunyi</i>	<b>no-?iko</b>	
745	to hunt (for game)	<i>berburu</i>	<b>no-poasu</b>	
746	to set (traps)	<i>memasang (jerat)</i>	<b>ne-tando</b>	
747	to catch	<i>menangkap</i>	<b>ne-xako / no-xako-e</b>	respectively indefinite and definite object
748	to fly	<i>terbang</i>	<b>no-?oxo</b>	
749	to brood	<i>mengeram</i>	<b>ne-oŋkobi</b>	
750	to hatch	<i>menetes</i>	<b>ne-teo</b>	
751	to shoot an arrow	<i>memanah</i>	<b>ne-pidi</b>	
752	to stab	<i>menikam</i>	<b>ne-toboki</b>	
753	to kill	<i>membunu<i>h</i> (orang)</i>	<b>ne-fekamate</b>	
754	to headhunt	<i>mengayau</i>	—	
755	to throw	<i>melemparkan</i>	<b>ne-cumbe</b>	
756	to hit (with a stick, club)	<i>memukul (dengan sesuatu)</i>	<b>ne-bebe / ne-lolei</b>	
757	to kick (ball)	<i>menendang (bola)</i>	<b>ne-sepa</b>	
758	to fight	<i>berkelahi</i>	<b>no-pogixa / no-pobusu</b>	
759	to steal	<i>mencuri</i>	<b>no-mbolaku</b>	
760	to make	<i>membuat</i>	<b>ne-xebua</b>	
761	to sew	<i>menjahit</i>	<b>ne-soxumba</b>	

762	to sew roofing thatch	<i>menjahit atap</i>	<b>paoxa</b>	
763	to weave cloth	<i>menenun</i>	<b>no-mo?oxu</b>	
764	to plait (mat, basket)	<i>menganyam (tikar, bakul)</i>	<b>ne-wasa</b>	
765	to sweep	<i>menyapu</i>	<b>ne-sapui</b>	
766	to buy	<i>membeli</i>	<b>ne-?oli</b>	
767	to sell	<i>menjual</i>	<b>ne-?aso</b>	
768	to pay	<i>membayar</i>	<b>ne-bayara</b>	
769	to borrow	<i>meminjam</i>	<b>ne-adá</b>	
770	to take	<i>mengambil</i>	<b>ne-ala</b>	
771	to seek	<i>mencari</i>	<b>ne-?ondoli</b>	
772	to get, obtain	<i>mendapat</i>	<b>ne-humpa</b>	
773	to store	<i>menyimpan</i>	<b>no-te?e</b>	mistranscribed, should be <i>no-tee-?e</i> (?)
774	to replace	<i>mengganti</i>	<b>no-bolosi-e</b>	
775	to send	<i>mengirim</i>	<b>no-lamboko-e</b>	
776	to give	<i>memberi</i>	<b>ne-wa?ao</b>	
777	to bring, carry	<i>membawa</i>	<b>meowa</b>	
778	to carry on the head	<i>menjunjung</i>	<b>medudu</b>	
779	to carry on the shoulder	<i>memikul</i>	<b>no-soda-e</b>	
780	to load, take on cargo	<i>memuat barang</i>	<b>no-polea</b>	
781	to lose something, lost	<i>hilang, kehilangan</i>	<b>no-?ila</b>	
782	to shut (eyes)	<i>memejamkan (mata)</i>	<b>no-pipihoko</b>	mistranscribed, should be <i>pipixoko</i> (?)
783	to smile	<i>tersenyum</i>	<b>kamboi</b>	
784	to breathe	<i>bernafas</i>	<b>no-feinei</b>	note also <i>netaje</i> ‘to smoke (cigarettes)’
785	to cough	<i>batuk</i>	<b>no-ko?ese</b>	
786	to sneeze	<i>bersin</i>	<b>no-moci?o</b>	
787	to belch	<i>beserdawa</i>	<b>untea</b>	
788	to hiccup	<i>cegukan</i>	<b>no-moŋkodu</b>	
789	to spit	<i>berludah, meludah</i>	<b>nekapexa</b>	
790	to vomit (not to spit out)	<i>muntah</i>	<b>notolua</b>	

791	to fart	<i>berkentut</i>	<b>ocu</b>	
792	to defecate	<i>membuang air besar, berak</i>	<b>ne-taʔi</b>	
793	to itch, be itchy	<i>gatal</i>	<b>no-mokoito</b>	
794	to scratch (an itch)	<i>bergaruk</i>	<b>ne-kumpai</b>	
795	to delouse	<i>menghilangkan kutu</i>	<b>ne-meneʔao</b>	
796	to rub (massage)	<i>menggosok (badan)</i>	<b>ne-kitai</b>	
797	to pull out, extract	<i>mencabut</i>	<b>ne-ubuci</b>	
798	to swell (as an abcess)	<i>bergembung, membengkak</i>	<b>no-sudu</b>	
799	to flow	<i>mengalir</i>	<b>no-sii / no-waa</b>	
800	to go	<i>pergi</i>	<b>lao</b>	
801	to enter	<i>masuk</i>	<b>no-pesua</b>	
802	to exit	<i>keluar</i>	<b>no-limba</b>	also <i>no-kaluara</i> (from Malay <i>keluar</i> )
803	to follow	<i>mengikut</i>	<b>ne-aŋka</b>	
804	to run	<i>berlari</i>	<b>no-bunculi</b>	
805	to walk	<i>berjalan</i>	<b>no-ndala</b>	
806	to stand	<i>berdiri</i>	<b>no-tade</b>	
807	to sit	<i>duduk</i>	<b>ne-ŋkoxa</b>	
808	to squat	<i>berjongkot</i>	<b>kapeŋke</b>	
809	to lie down	<i>berbaring</i>	<b>no-fondole</b>	
810	to nod, be sleepy	<i>mengantuk</i>	<b>no-mocucuxu</b>	
811	to yawn	<i>menguap</i>	<b>no-wambai</b>	
812	to sleep	<i>tidur</i>	<b>no-moʔodo</b>	
813	to dream	<i>(ber)mimpi</i>	<b>no-menifi</b>	
814	to wake up	<i>bangun</i>	<b>no-banu</b>	
815	to awaken someone	<i>membangunkan</i>	<b>no-banu-e</b>	
816	to come, arrive	<i>datang, tiba</i>	<b>no-bundo</b>	
817	to depart	<i>berangkat</i>	<b>a-mambu-mo</b>	with first person singular <i>a-</i> and completive / perfective <i>-mo</i> , literally 'I already left'
818	to return home	<i>pulang</i>	<b>no-ʔawo</b>	

819	to live, dwell	<i>tinggal</i>	<b>no-felate</b>	
820	to wait	<i>menunggu</i>	<b>no-?o?olu-e</b>	
821	to help	<i>menolong</i>	<b>me?amba</b>	
822	to begin	<i>mulai</i>	<b>tambula-e-mo</b>	with completive / perfective marker <i>-mo</i>
823	to finish	<i>selesai</i>	<b>no-?apu-mo</b>	with completive / perfective marker <i>-mo</i>
824	to be pregnant	<i>mengandung, hamil</i>	<b>no-owa-owa</b>	
825	to rise (of sun)	<i>terbit (matahari)</i>	<b>no-bete</b>	<i>nobetemo oleo</i> ‘the sun has risen’
826	to set (of sun)	<i>terbenam (matahari)</i>	<b>no-soo</b>	<i>nosoomo oleo</i> ‘the sun has set’
827	name	<i>nama</i>	<b>kona</b>	
828	story	<i>cerita</i>	<b>cula-cula</b>	
829	word	<i>kata</i>	<b>pulu</b>	
830	language	<i>bahasa</i>	<b>pogau</b>	
831	riddle	<i>teka-teki</i>	<b>potaataŋki</b>	
832	money	<i>uang</i>	<b>doi / kupa</b>	
833	debt	<i>utang</i>	<b>dosa</b>	
834	breakfast	<i>sarapan pagi</i>	<b>kasanda</b>	
835	bride price	<i>mas kawin</i>	<b>saxa</b>	
836	what?	<i>apa?</i>	<b>fae</b>	
837	who?	<i>siapa?</i>	<b>lafae</b>	
838	where?	<i>di mana?</i>	<b>nde?amai</b>	
839	whither?	<i>ke mana?</i>	<b>nde?amai lumao</b>	
840	whence?	<i>dari mana?</i>	<b>nde?umai mina?ao</b>	
841	when?	<i>kapan?</i>	<b>naifie</b>	
842	how many?	<i>berapa?</i>	<b>sefae</b>	
843	how?	<i>bagaimana?</i>	<b>nainkefae</b>	
844	why?	<i>mengapa?, kenapa?</i>	<b>me?afa</b>	

## 5 Person markers

See the elicited data in the appendix for examples of person markers in context. The following presentation is preliminary and may need revision. In addition to the person markers listed below, I expect Kioko has a set of benefactive (or indirect object) markers, but I have no information to present at this time.

### **5.1 Independent pronouns**

The following are the independent pronouns of Kioko. Across all pronoun sets second person plural forms are used to politely address a respected second person singular. It was reported to us that first person plural inclusive forms can also be used for this purpose, in order to indicate extreme deference. Whether Kioko also has dual forms is currently unknown and requires further investigation.

1SG	inoi
1PL.INCL	intano
1PL.EXCL	insami
2SG	incucu
2PL	insimi
3SG	anoa
3PL	andoa

### **5.2 Possessive markers**

The following are the possessive markers of Kioko. Possessive markers precipitate stress movement and are probably to be regarded as suffixes.

1SG	-ku
1PL.INCL	-to
1PL.EXCL	-mami
2SG	-mu
2PL	-miu
3SG	-no
3PL	-do

### **5.3 Accusative markers**

The following are the accusative markers in Kioko. Accusative markers are used to index transitive objects.

1SG	-?ao
1PL.INCL	-nta?a
1PL.EXCL	-insami, -insamia
2SG	-ngko
2PL	-ngkomiu
3SG	-e
3PL	-nda?a

The usual marker of the third person singular is *-e*. However it appears that a glottal stop is inserted to avoid an accumulation of three vowels in a row. Compare the following limited data (with no counterexamples):

<i>dîe-?e</i>	'cut it'
<i>lului-?e</i>	'roll it up'

The difference between *-insami* and *-insamia* is unknown.

When eliciting word list responses, I also recorded *a?undayida* 'I invite them' (Sising, 30 years old) with third person plural *-da* (Muna identical) rather than *-nda?a*.

#### 5.4 Nominative markers

Nominative markers are used to index transitive and intransitive subjects. In Kioko, there are two pairs (four sets) of nominative pronouns. The set which is used depends on whether the verb is a 'class *a-*' or a 'class *ae-*' stem, and whether the mood is realis or irrealis.

	class <i>a-</i>		class <i>ae-</i>	
	realis	irrealis	realis	irrealis
1SG	a-	a-	ae-	ae-
1PL.INCL	to-	ta-	te-	tae-
1PL.EXCL	to-	ta-	tae-	tae-
2SG	Ø-	u-	me-	ume-
2PL	Ø- -komiu	u- -komiu	me- -komiu	ume- -komiu
3SG	no-	na-	ne-	nae-
3PL	do-	da-	de-	dae-

Present but limited data suggests that Kioko has the same definiteness shift found in Muna, that is to say, transitive verbs that are class *ae-* when the object is indefinite shift to class *a-* when the object is definite (Van den Berg 1989:59 ff.). This is illustrated by the following pair from Muna.

<i>ne-rabu</i>	<i>nuhua</i>	'she is making a pitcher'
3SG.REAL-make	pitcher	

<i>no-rabu-e</i>	'she is making it'
3SG.REAL-make-3SG	

Compare Kioko:

<i>ne-xako</i>	'he catches'	(class <i>ae-</i> , as indicated by 3SG.REAL <i>ne-</i> )
<i>no-xako-e</i>	'he catches it'	(class <i>a-</i> , as indicated by 3SG.REAL <i>no-</i> )

<i>ne-selaʔi</i>	'he licks'	(class <i>ae-</i> , as indicated by 3SG.REAL <i>ne-</i> )
<i>no-selaʔi-e</i>	'he licks it'	(class <i>a-</i> , as indicated by 3SG.REAL <i>no-</i> )

The related Muna language has been described as having three verb classes: *a-*, *ae-*, and *ao-* (Van den Berg 1989:52 ff.). Present but limited data suggests that Kioko only has two verb classes, *a-* and *ae-*. In Muna class *ao-* verbs are primarily stative intransitives (Van den Berg 1989:56). In Kioko by contrast, here we find class *a-* markers attached to verbs with the stative prefix *mo-*. The following paradigm illustrates class *a-* person markers with the Kioko stative verb *moteʔi* 'afraid'; in Muna the cognate stem *tehi* is a stative class *ao-* verb.

	realis	irrealis
1SG	<i>a-moteʔi</i>	<i>a-moteʔi</i>
1PL	<i>to-moteʔi</i>	<i>ta-moteʔi</i>
2SG	<i>Ø-moteʔi</i>	<i>u-moteʔi</i>
2PL	<i>Ø-moteʔi-kouium</i>	<i>u-moteʔi-komiu</i>
3SG	<i>no-moteʔi</i>	<i>na-moteʔi</i>
3PL	<i>do-moteʔi</i>	<i>da-moteʔi</i>

The Kioko data in fact suggests that Muna class *ao-* person markers originated historically from fusion of class *a-* markers with the stative prefix *mo-* (compare Muna *ao-tehi* next to Kioko *a-moteʔi* 'I am afraid'), but the proof of this is left for a future study.

## 6 Acknowledgements

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want to thank my four Kioko respondents: La'ua and Laiki A. (2000), Barahama (2012, 2019), and Sising (2019).



Barahama (2012)



Sising (2019)

## Appendix: Elicited data

Barahama and others, Bonegunu village, Bonegunu District, North Buton Regency, Southeast Sulawesi, Indonesia. Transcribed by David Mead.

minsuano inoi	'not me'
minsuano incucu	'not you (sg)'
minsuano insimiu	'not you (sg+resp), not you all'
minsuano anoa	'not him'
minsuano andoa	'not them'
minsuano intano	'not us (incl)'
minsuano insami	'not us (excl)'
lambuku	'my house'
lambumu	'your (sg) house'
lambuno	'his house'
lambudo	'their house'
lambumami	'our (excl) house'
lambuto	'our (incl) house'
lambumi	'your (pl) house, your (sg+resp) house'
Lafae tao umowa?ao?	'Who will escort (mengantar) me?'
Lafae tao umowangko?	'Who will escort you (sg)?'
Lafae tao umowaea?	'Who will escort him?'
Lafae tao umowanda?a?	'Who will escort them?'
Lafae tao umowanta?a?	'Who will escort us (incl)?'
Lafae tao umowainsami / umowainsamia?	'Who will escort us (excl)?'
Lafae tao umowangkomiu?	'Who will escort you (pl) / you (sg+resp)?'
Mekasa?era.	'Hoe!' (command)
nekasa?era	'he hoes'
aekaza?era	'I hoe'
mekasa?era	'you hoe'
dekasa?era	'they hoe'
tekasa?era	'we (incl) hoe'
taekasa?era	'we (excl) hoe'
mekasa?erakomiu	'you all hoe'
ampumo nekasa?era	'he hoed already'
ampumo dekasa?era	'they hoed already'
ampumo aekasa?era	'I already hoed'
nando?o aekasa?era	'sementara saya mencangkul'

naekasaʔeramo	'he will hoe'
daekasaʔeramo	'they will hoe'
aekazaʔeramo	'I will hoe'
umekasaʔera	'you (sg) will hoe'
meena aekasaʔera	'I didn't hoe'
meena taekasaʔera	'we (incl/excl) didn't hoe'
meena umekasaʔera?	'you (sg) didn't hoe?'
meena umekasaʔerakomiu?	'you all didn't hoe?'
meena naekasaʔera?	'he didn't hoe?'
meena daekasaʔera?	'they didn't hoe?'
meena bae kasaʔera	'there is no hoe'
meena bae mekasaʔerano	'there is no one hoeing'

*realis:*

amoleamo	'I am (already) sick'
apumo molea?	'are you (sg) sick?'
nomoleamo	'he is sick'
andoa apumo domolea.	'they are sick'
intano apumo tomolea	'we (incl) are sick'
insami apumo tomolea	'we (excl) are sick'
insimiu apumo moleakomiu	'you all are sick'

*irrealis:*

inoi meena amolea	'I am not sick'
incucu meena umolea	'you are not sick'
anoa meena namolea	'he is not sick'
andoa meena damolea	'they are not sick'
intano meena tamolea	'we (incl) are not sick'
insami meena tamolea	'we (excl) are not sick'
insimiu meena umoleakomiu	'you all are not sick'

*realis:*

inoi amote?i moondoni	'I was afraid last night'
intano tomote?i moondoni	'we (incl.) were afraid last night'
insami tomote?i moondoni	'we (excl.) were afraid last night'
incucu mote?i moondoni	'you (sg.) were afraid last night'
insimiu mote?ikomiu moondoni	'you all were afraid last night'
anoa nomote?i moondoni	'he was afraid last night'
andoa domote?i moondoni	'they were afraid last night'

*irrealis:*

inoi meena amote?i	'I am not afraid'
intamo meena tamote?i	'we (incl.) are not afraid'
insami meena tamote?i	'we (excl.) are not afraid'
incucu meena umote?i?	'are you (sg.) not afraid?'

insimiu meena umote?ikomiu?  
 anoa meena namote?i?  
 anoa meena ðamote?i?

‘are you all not afraid?’  
 ‘is he not afraid?’  
 ‘are they not afraid?’

*realis:*

afoni kapooni  
 tofoni kapooni  
 foni kapooni  
 fonikomiu kapooni  
 nofoni kapooni  
 dofoni kapooni

‘I wet up a bit ago’  
 ‘we went up a bit ago’  
 ‘you (sg.) went up a bit ago’  
 ‘you all went up a bit ago’  
 ‘he went up a bit ago’  
 ‘they went up a bit ago’

*irrealis:*

inoi afoni sekakadøi  
 intamo tafoni sekakadøi  
 insami tafoni sekakadøi  
 incucu ufoní sekakadøi  
 insimiu ufonikomiu sekakadøi  
 anoa nafoni sekakadøi  
 andoa ðafoni sekakadøi

‘I will go up in a bit’  
 ‘we (incl.) will go up in a bit’  
 ‘we (excl.) will go up in a bit’  
 ‘you (sg.) will go up in a bit’  
 ‘you all will go up in a bit’  
 ‘he will go up in a bit’  
 ‘they will go up in a bit’

Inoi amoodø.  
 Inoi amote?i.

‘I want to sleep’  
 ‘I am afraid’

Amosangamo.

‘I’m leaving’ (asking permission)

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