[Text version of database, created 10/09/2016].

Annotated Swadesh wordlists for the Heiban group (Kordofanian family).

<u>Languages included</u>: Koalib, Rere [hei-rer]; Ebang [hei-eba]; Abul [hei-abu]; Laru [hei-lar]; Utoro [hei-uto]; Shirumba [hei-shi]; Tiro [hei-tir]; Moro [hei-mor]; Ko [hei-koo]; Warnang [hei-war]; Logol [hei-log].

DATA SOURCES

I. General

Schadeberg 1981 = Schadeberg, Thilo. A Survey of Kordofanian. Volume One: The Heiban Group. Hamburg: Helmut Buske Verlag. // *A brief survey of the Heiban languages of Kordofan, based on the author's own fieldwork. Includes brief descriptions of the phonetic inventories and nominal grammar (noun class systems, pronouns, etc.) of ten different languages, as well as 200-item wordlists, a lexicostatistical classification, and a first attempt at the lexical reconstruction of Proto-Heiban.*

II. Koalib, Rere

Quint 2006 = Quint, Nicolas. Phonologie de la langue koalibe. Dialecte réré (Soudan). Paris: L'Harmattan. // *Detailed description of all the aspects of the phonology and phonetics of the Rere dialect of Heiban, illustrated by numerous examples*.

III. Ebang

Meinhof 1944 = Meinhof, Carl. Das Heiban in Kordofan. **In**: Zeitschrift für Eingeborenen-Sprachen, 34, pp. 94-130. // *A sketch of Heiban (Ebang) phonology and grammar. Well illustrated with lexical material, but no separate texts or vocabularies included*.

IV. Laru

Kuku 2012 = Kuku, Nabil Abdalla. Laru Vowel Harmony. **In:** Occasional Papers in the

Study of Sudanese Languages, 10, pp. 17-34. // *A paper on certain aspects of Laru phonology, well illustrated by multiple sets of accurately transcribed lexical examples.*

Kuku 2015 = Kuku, Nabil Abdalla. Laru Locatives. **In:** Occasional Papers in the Study of Sudanese Languages, 11, pp. 1-16. // *A paper on Laru grammar, illustrated by multiple lexical examples.*

V. Utoro; Tiro

Stevenson 2009 = Stevenson, Roland C. Tira and Otoro: Two Kordofanian Grammars. Ed. by Thilo C. Schadeberg. Köln: Rüdiger Köppe Verlag. // *Grammars of two Heiban languages, compiled by R. C. Stevenson based on his own fieldwork in the Nuba Mountains, in 1942 and 1943 respectively. Both grammars include extensive illustrative material, examples of texts, and short glossaries with paradigmatic information on lexemes.*

VI. Shirumba

Guest et al. 1998 = Guest, Elizabeth (ed.; w. Mukhtar Wakil Ali, Ahmed Abbas Natilly et al.). Cwaya Phonology. Ms., rev. 28/3/98. // *A brief sketch of the phonetics of Shirumba (Cwaya, Shwai), with numerous illustrating lexical examples.*

VII. Moro

Black 1971 = Black, Keith; Black, Elizabeth. The Moro Language: Grammar and Dictionary. Khartoum: Sudan Research Unit, University of Khartoum. // *Large grammar of the Moro language with an extensive accompanying vocabulary.*

NOTES

1. *General*.

I. Koalib, Rere

As in the case of almost all Kordofanian languages, [Schadeberg 1981] is used as the

main source. Comparison with [Quint 2006], a monograph that deals specifically with this variety of Heiban Kordofanian, shows that Schadeberg's semantic glossing is mostly accurate (apart from just a few potential mistakes, e. g. the glossing of 'river' as 'sand'), but the phonetic transcriptions of the two authors vary quite significantly, mostly in regard to vocalism and tonal notation.

Since Quint's study on the whole is (by definition) more thorough than Schadeberg's, more trust should probably be put into Quint's transcription; however, we still choose [Schadeberg 1981] as our primary source, both for the sake of consistency with the following Kordofanian languages and also because [Quint 2006] does not include any wordlists, and its data are insufficient to adequately complete the Swadesh 100-item list.

Items in the primary slot are carried over directly from Schadeberg's records, meaning that nouns are usually given in the singular number (the plural, usually displaying a different class prefix, is adduced in the notes where available), and verbs tend to be given in the imperative form, which often comes close to showing the "pure" stem (but not always). Adjectives are given as stems; prefixes with which they may be joined are indicated in the notes section.

II. Ebang; Abul

Ebang (= Heiban) and Abul are two close varieties of the same language, spoken around the town of Heiban and the adjacent village of Abul. The main source of data for Ebang is [Schadeberg 1981], but where possible, the data have been cross-checked against C. Meinhof's earlier description in [Meinhof 1944]; aside from a few minor phonetic discrepancies, equivalents for most Swadesh meanings are the same between the two sources.

For the Abul variety, Schadeberg's fieldnotes remain the only source of knowledge. They were collected from two 18-year old informants, of which Mr. Ashaya seems to have been the most reliable one and Mr. Fadlalla Usmaan Kunda the less reliable one ("...found it difficult to provide me with the Abul equivalents of the Arabic words I was giving him, he often hesitated or said he could not remember"). Because of this, and also because Ashaya's data are far more complete, we list Ashaya's equivalents in the

primary slot and Fadlalla's data in the notes section (referred to as "Fadlalla's idiolect"). Most of the time, Fadlalla's data differs from Ashaya's only in terms of morphology (e.g., different noun classes); occasional lexical discrepancies may be due to errors committed by the informant and should not be trusted.

III. Laru

Schadeberg's data on Laru is limited to the 100-item wordlist, collected at Heiban from a 17-year old native speaker coming from a village in the Laro Hills. No earlier sources on the language are available; as for later publications, the only known author is Nabil Abdalla Kuku, whose two papers on aspects of Laru phonology and grammar [Kuku 2012, 2015] were consulted as control sources, and, in a few cases (i. e. a few items among the 10 additional words), as our primary data source.

IV. Utoro (Otoro)

For this language, Schadeberg relied on two informants from Kacama as well as one informant from Kerindi; data from the latter were found less reliable and were not used as the basis for the grammatical description or the wordlists. All cases where Kerindi data differs from Kacama data have been noted by Schadeberg, and Kerindi variants are included in the comments section.

As a control source, [Stevenson 2009] was used - Schadeberg's edit of a grammar originally compiled in 1943. Stevenson distinguishes between three main dialectal groups of Otoro: Kwara, Kwijur, and Orombe. Apparently, Schadeberg's "Kacama" is closest to Stevenson's "Kwijur", and Schadeberg's "Kerindi" is closest to Stevenson's "Orombe". However, Stevenson himself relies mainly on data from Kwara, so the base forms of Stevenson and Schadeberg often turn out to be significantly different in terms of phonetics or morphological framing (although lexical differences are seemingly minimal in the core basic lexicon at least). On the other hand, in Stevenson's glossary for Otoro, he usually lists variants from all three dialects, and we adduce all of them in the comments.

V. Shirumba

Most of the data on this language still come from [Schadeberg 1981]. Shirumba (Churumba) is the name of the village and the dialectal variety spoken in it; an alternate name is Shwai, or Cwaya, after the local Jebel Shwai ("19 kilometers approximately west of Heiban", acc. to Schadeberg).

Some newer data on Shirumba (Cwaya) is also available in the form of manuscripts on various phonetic and grammatical topics, most of them seemingly prepared by Elizabeth Guest based on her own work with informants. [Guest 1998], in particular, is an overview of the phonetics of that language; we have listed data from that source in the comments section.

VI. Tiro

Spoken in close proximity to the region of the Utoro, but apparently not its closest relative. In [Schadeberg 1981], there is only a 100-item wordlist, collected from a 16-year old informant born in Dengir. The obvious control source is [Stevenson 2009], Schadeberg's edit of a grammar originally compiled in 1942. Unlike Otoro, Tiro has not been described as a dialectally diverse language, although there are enough phonetic differences between Schadeberg's and Stevenson's records to suggest that at least some subdialectal variety does exist.

VII. Moro

The Moro wordlist in [Schadeberg 1981] was recorded from a 29-year old informant living in the small town of Um Dorein, to the west of the Utoro-Tira region. The same source also includes some data from the earlier grammatical and lexical description in [Black 1971], a detailed grammar of the Moro language. Since the dialect of Schadeberg's informant and the dialect described in the Blacks' monograph may be somewhat different, we mark those entries where Schadeberg does not have his own data and relies only on the Blacks as "dubious". Elsewhere, we simply include data from [Black 1971] into the comments section.

VIII. Ko; Warnang

These two idioms are quite distinct from each other, but both are spoken at the exreme south-east corner of the Heiban-speaking region and seem to form a separate subbranch of the group. The only existing records for both languages are the grammatical and lexical data in [Schadeberg 1981], elicited by the author from young informants.

IX. Logol

Spoken in Dugili, at the foot of Jebel Lukha, approximately midway between the Tiro-speaking and the Ko/Warnang-speaking regions. No data on this language are available except for the wordlists and brief grammatical information published in [Schadeberg 1981].

2. *Transliteration*.

I. General

The principal source for all Heiban data in the lists is [Schadeberg 1981]. Since his transcription is largely based on the IPA, we have preserved it almost intact, with cosmetic differences concerning IPA > UTS transliteration (ʃ > š, c > ç, etc.). Doubled vowels in Schadeberg's transcription, marking length, have been converted to single vowels plus the length sign (*aa > a:*, etc.). Tonal systems in the languages usually involve two registers, and the low register in Schadeberg's transcriptions usually remains unmarked; we consistently mark it with the low tone diacritic (V̀).

II. Koalib, Rere

For [Quint 2006], the following should be noted:

1. In his work, Quint uses both an orthographic (phonological) representation (in bold letters) and a more detailed phonetic transcription (in square brackets) where necessary. In those cases where the two differ, we reproduce Quint's phonetic transcription in cursive and his phonological (orthographic) transcription in curly brackets. E. g., our

ǂínɲén {ʈínyén} 'dog' is Quint's **ʈínyén** [ʈínɲén] in the original.

2. Long vowels are transcribed as double *aa, ee, ii*, etc. both by Schadeberg and Quint and are retranscribed as *a:, e:, i:*, etc. in the database.

3. Schadeberg's *ʌ* (the symbol is apparently used as the traditional +ATR correlate to *a*, employed in Africanistics) more or less consistently corresponds to Quint's mid-central *e*. Out of caution, we leave both ways of transcription as they are, particularly because there may have been subtle idiolectal differences between informants.

III. Utoro; Tiro

The transcriptional conventions in [Stevenson 2009] are treated as follows:

1. The centralized rounded vowel marked as *ö* is converted to UTS *θ*.

2. In his phonetic description, Stevenson mentions several +/-ATR and other allophones for both Tiro and Utoro vowels (e. g. *i / ɪ* in Utoro, *e / ẹ* in Tiro etc.). However, he does not distinguish between them in his regular transcriptions, and we do not believe it necessary to try and mark the phonetics as accurately as possible based on his rules of allophonic distribution.

3. Dental plosives *th*, *dh* are converted to UTS *ṱ*, *ḏ*. Stevenson's description of the retroflex articulation in Tiro and Utoro is not very clear: in addition to alveolar plosives *t, d*, for Tiro he also sets up two retroflex fricatives that he marks as *ʂ* and *ʈ* respectively and defines them as allophones (*ʂ* word-initially, *ʈ* in word-medial position). It remains unclear if *ʈ* (retroflex *fricative,* acc. to Stevenson!) is phonologically distinct from *t* or not; in basic lexicon, it is very rare anyway, encountered only twice for the entire Swadesh wordlist. For the sake of accuracy, we leave it unchanged.

4. "Retroflex affricates" that Stevenson marks as *tr, dr* are encountered very rarely in both Tiro and Utoro and most likely represent positional variants of simple alveolar plosives. In those few cases where they are encountered in the basic lexicon, we leave this transcription unchanged.

5. Palatal consonants *c, j, ny* are converted to UTS *ɕ, ʑ, ɲ* respectively.

IV. Moro

Moro lexicon as transcribed in [Black 1971], subject to basic typewriter limitations, has some idiosyncratic peculiarities, reflected thus in our transcription:

1. Dental plosives *t̠, d̠* are converted to UTS *t̪, d̪*.

2. Interdental voiced fricative *-d-* ("strikethrough *d*" in the original edition) is rendered as UTS *ð*.

3. Palatal consonants *c, j, n̄* are rendered as UTS *ɕ, ʑ, ɲ* respectively.

The source contains a very valuable and highly detailed description of the system of Moro allophones (pp. 1-15); however, we do not reflect this in the wordlist, restricting ourselves to simply reflect the base system of phonological oppositions.

Database compiled and annotated by: G. Starostin (latest update: September 2016).

1. ALL

Rere Koalib *ńdêt* (1), Ebang *pêt* (2), Abul *pêt* (2), Laru *pɛ́r* (2), Utoro *kúɽɛ́ɲ* (3), Shirumba *kɔ̀ɽùbèlàŋ* (3), Tiro *tárrà* (4), Moro *prɛ̂ṯ* (2), Ko *=ɕáp* (5), Warnang *=íḏḏàm* (6), Logol *=êr* (7).

References and notes:

Rere Koalib: Schadeberg 1981: 22.
Ebang: Schadeberg 1981: 22. Quoted as *peṯ* in [Meinhof 1944: 105].
Abul: Schadeberg 1981: 22.
Laru: Schadeberg 1981: 22. Three additional forms are listed as synonyms: *kúrßâl*, *kú*, *dár*. Semantic difference between them remains unclear.
Utoro: Schadeberg 1981: 22. Quoted as *ɕuɽ* 'all' in [Stevenson 2009: 313] (same word with palatalisation?). Cf. also *wei* 'all' (Kwijur *weiɲ*) [ibid.]; difference unclear.
Shirumba: Schadeberg 1981: 22. Differently in [Guest et al. 1998: 2]: *sɛ́* 'all'.
Tiro: Schadeberg 1981: 22.
Moro: Schadeberg 1981: 22. Quoted as *preð* in [Black 1971: 117]. The same source also mentions the reduplicated stem *təm-ə-təm* in the meaning 'all', with no stated semantic difference.
Ko: Schadeberg 1981: 22. Used with the prefix *lɪ=*.
Warnang: Schadeberg 1981: 22. Used with the prefix *ʒ=*.
Logol: Schadeberg 1981: 22. Used with the prefix *ʒ=*.

2. ASHES

Rere Koalib *y=à:rì* (1), Ebang *à:rɔ̀* (1), Abul *à:ɽɔ́* (1), Laru *ŋw=àrú* (1), Utoro *ʒ=à:rù* (1), Shirumba *à:rɔ́* (1), Tiro *ìɽìðà* (2), Moro *ʋßú:ná* (3), Ko *ɛ̀wún* (3), Warnang *kú:gà* (4), Logol *ʒ=à:rʋ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 22.
Ebang: Schadeberg 1981: 22. Also *ʒ=à:rɔ̀* id.
Abul: Schadeberg 1981: 22.
Laru: Schadeberg 1981: 22.
Utoro: Schadeberg 1981: 22. Quoted as *ʒ=arɔ* (Kwijur *ʒ=aro*) in [Stevenson 2009: 314].
Shirumba: Schadeberg 1981: 22.
Tiro: Schadeberg 1981: 22. Quoted as *iɽiḏi* in [Stevenson 2009: 108].
Moro: Schadeberg 1981: 22. Quoted as *ubwana* in [Black 1971: 119].
Ko: Schadeberg 1981: 22.
Warnang: Schadeberg 1981: 22.
Logol: Schadeberg 1981: 22.

3. BARK

Rere Koalib *k=íàw* (1), Ebang *g=iʋ̂* (1), Abul *g=íyʋ̀* (1), Laru *ṯ=íyú* (1), Utoro *g=ìyà* (1), Shirumba *ábúgúr* (2), Tiro *ð=íyyù* (1), Moro *ð=ìsíà* (2), Ko *k=ìyɛ̀* (1), Warnang *k=í:yà* (1),

Logol *g=ìɣɣʊ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 23. Plural: *y=íàw*.
Ebang: Schadeberg 1981: 23. Plural: *ʒ-ið̂*.
Abul: Schadeberg 1981: 23. Plural: *íyʊ̀*. Phonetically/morphologically different in Fadlalla's idiolect: sg. *l=í:*, pl. *ŋw-í:*.
Laru: Schadeberg 1981: 23. Plural: *ŋw=íyú*.
Utoro: Schadeberg 1981: 23. Plural: *ʒ=ìyà*. Quoted as sg. *g=io*, pl. *ʒ=io* in [Stevenson 2009: 152].
Shirumba: Schadeberg 1981: 23. Plural: *n=ábúgúr*.
Tiro: Schadeberg 1981: 23. Plural: *íyyù*.
Moro: Schadeberg 1981: 23. Plural: *ìsíà*.
Ko: Schadeberg 1981: 23. Plural: *ɕ=ìyɛ̀*.
Warnang: Schadeberg 1981: 23.
Logol: Schadeberg 1981: 23.

4. BELLY

Rere Koalib *k=à:rì* (1), Ebang *k=á:ɾɛ̀* (1), Abul *g=à:rɛ̀* (1), Laru *l=à:rì* (1), Utoro *g=à:rɛ̀* (1), Shirumba *ì=rìŋ* (1), Tiro *árî* (1), Moro *árá* (1), Ko *ɛ̀=wíɲ* (2), Warnang *à:rìɲ* (1), Logol *g=à:rì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 23. Plural: *y=à:rì*. Quoted as *k=á:ré* in [Quint 2006: 9].
Ebang: Schadeberg 1981: 23. Plural: *ɲ=á:ɾɛ̀*.
Abul: Schadeberg 1981: 23. Plural: *ɲ=à:rɛ̀* (*ŋw=à:rɛ̀* in Fadlalla's idiolect).
Laru: Schadeberg 1981: 23. Plural: *ŋw=à:rì*.
Utoro: Schadeberg 1981: 23. Plural: *ʒ=à:rɛ̀*. Kerindi variant: *k=á:rɛ̀*, pl. *n=á:rɛ̀*. Quoted as sg. *g=arɛ*, pl. *n=arɛ* in [Stevenson 2009: 156].
Shirumba: Schadeberg 1981: 23. Plural: *ɲ̀d=rìŋ*. Cf. *x=ɾìɲ* 'stomach' in [Guest et al. 1998: 3].
Tiro: Schadeberg 1981: 23. Plural: *n=á:rî*. Quoted as sg. *ari*, pl. *n=ari* in [Stevenson 2009: 22].
Moro: Schadeberg 1981: 23. Plural: *n=á:rá*. Quoted as *ara* 'abdomen' in [Black 1971: 116].
Ko: Schadeberg 1981: 23. Plural: *ɕù=wíɲ*.
Warnang: Schadeberg 1981: 23. Plural: *ɕ=à:rìɲ*.
Logol: Schadeberg 1981: 23. Plural: *ʒ=à:rì*.

5. BIG

Rere Koalib *=úppà* (1), Ebang *=ìppâ* (1), Abul *=ìppâ* (1), Laru *=ppá* (1), Utoro *=bɔ́:ðɔ̀* (2), Shirumba *=bù:d̪ɔ́* (2), Tiro *=ɾà* (3), Moro *=ʊ̀:ɾá* (3), Ko *=ɓât̪* (4), Warnang *át̪t̪-àmmàɲ* (5), Logol *=áfá:ŋá* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 23. Used with prefixes *k=*, *y=*, *t̪=*.

Ebang: Schadeberg 1981: 23. Plural: *=ìpp-í*. The prefixal form *l=íppâ* is glossed as 'thick'. Quoted as *=ipa* in [Meinhof 1944: 104].
Abul: Schadeberg 1981: 23. Also attested as *l=ìppâ*, pl. *=ßúppâ* and as *ɲú=ìppâ*.
Laru: Schadeberg 1981: 23. Used with prefixes *kú=*, *yí=*. Quoted as *=pá* in [Kuku 2015: 7].
Utoro: Schadeberg 1981: 23. Used with prefixes *gù=*, *yì=*. Quoted as *gu=boðɔ*, pl. *ɲ=iboðɔ* in [Stevenson 2009: 202].
Shirumba: Schadeberg 1981: 23. Used with the zero prefix and with *nù=*.
Tiro: Schadeberg 1981: 23. Used with prefixes *ð ̍ə̀*, *r̀=*. Quoted as *=ɽa ~ =iɽa* in [Stevenson 2009: 47].
Moro: Schadeberg 1981: 23. Used with the prefix *l=*. Quoted as *oɽre* (imperative?), *g=oɽra* (present?) in [Black 1971: 120].
Ko: Schadeberg 1981: 23. Used with the prefix *k ̍=*. Also *=ɓáṭ-ɽà* id. (same as 'many' q.v.).
Warnang: Schadeberg 1981: 23. Plural: *ɕ= ̱ʈt-í ɕ= ɱmàŋ*.
Logol: Schadeberg 1981: 23. Used with prefixes *g=*, *ʒ=*, *ḏ=*. Polysemy: 'big / thick'.

6. BIRD

Rere Koalib *tð̌=ɽâw* (1), Ebang *ɲ́=ìɽâ* (1), Abul *ɲ́=ɽà* (1), Laru *k=ð̌ɽá* (1), Utoro *ɲ́=ɽùwà* (1), Shirumba *ɲ́=ɽúvi̥à* (1), Tiro *ù=ɽùvð̀* (1), Moro *ú=ɽ́fià* (1), Ko *ɲð́=ɽúwɛ̂* (1), Warnang *ŋ=àɽwà* (1), Logol *ŋ=ð̀ɽùwɔ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 23. Plural: *ɲ ̌ɽ̌ɽâw*.
Ebang: Schadeberg 1981: 23. Plural: *ɲ=ìɽâ*. Quoted as sg. *ŋ=irǎ*, pl. *ɲ=ira* in [Meinhof 1944: 101].
Abul: Schadeberg 1981: 23. Plural: *ɲ́=ɽà*.
Laru: Schadeberg 1981: 23. Plural: *y=̌ð̌ɽá*. Quoted as *gə=ɽ ̌ɔ́in* [Kuku 2012: 28].
Utoro: Schadeberg 1981: 23. Plural: *ɲí=ɽùwà*. Quoted as sg. *ŋ=iɽuwo*, pl. *ɲ=iɽuwo* (Kwijur *ŋ=iɽuwa*, pl. *ɲ=iɽuwa*) in [Stevenson 2009: 314].
Shirumba: Schadeberg 1981: 23. Plural: *ɲ́=ɽúvȗ̥*.
Tiro: Schadeberg 1981: 23. Plural: *l=tùv ¿* Quoted as sg. *u=ɽivɵ*, pl. *l=tivɵ* in [Stevenson 2009: 19].
Moro: Schadeberg 1981: 23. Plural: *n=d ̌fià*. Quoted as sg. *u=ɽəfia*, pl. *n=dəfia* in [Black 1971: 120].
Ko: Schadeberg 1981: 23. Plural: *ɽúwɛ̂*.
Warnang: Schadeberg 1981: 23. Plural: *ɲ=àɽwà*.
Logol: Schadeberg 1981: 23. Plural: *ɲ= ̀ə̀ùw ¿*

7. BITE

Rere Koalib *ì:-ðù* (1), Ebang *ítt-ì* (1), Abul *ìtt-í* (1), Laru *ìtt-ú ŋwàḏùnè* (1), Utoro *=ɛ̀rùm #* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 24. Imperative form. Same word as 'eat' q.v.
Ebang: Schadeberg 1981: 24. Imperative form. Same word as 'eat' q.v.
Abul: Schadeberg 1981: 24. Imperative form. Same word as 'eat' q.v.
Laru: Schadeberg 1981: 24. Literally = 'to eat with teeth'.
Utoro: Schadeberg 1981: 24. Schadeberg only lists an equivalent that is applicable to dogs: *ŋì:n ŋ ̀ə̀m=ɛ̀rùm* (the first word is 'dog' q.v.) However, cf. *ŋ=arim-uði* 'to bite, bite off' in [Stevenson 2009: 314], where no limitations are placed on the subject, so we tentatively include this word in the list.
Shirumba: Not properly attested. Schadeberg only lists an equivalent that is applicable to dogs: *ŋì:n ŋ=ìṯt-íŋà*, literally 'dog-eat'

[Schadeberg 1981: 24].

Tiro: Not properly attested. Schadeberg only lists an equivalent that is applicable to dogs: *ŋɛ́:n ŋ=àrmb-ɗ́ ɔ́*(the first word is 'dog' q.v.) [Schadeberg 1981: 24].

Moro: Not properly attested. Schadeberg only lists an equivalent that is applicable to dogs: *ŋí:ná ŋ=àss-á*, literally 'dog-eat' [Schadeberg 1981: 24]. Differently in [Black 1971: 122]: imperative *ɛndəðo*, present *gab=endəðo*.

Ko: Not properly attested. Schadeberg only lists an equivalent that is applicable to dogs: *ù=gát̠-ɔ̀ t̠ ɲ̀ ɕ áŋ ɔ́*(the last two words are 'dog teeth') [Schadeberg 1981: 24].

Warnang: Not properly attested. Schadeberg lists only a complex periphrastic equivalent: *ŋàn ŋà=glɛ́:d̠-á kárŋáθ* (the first word is 'dog' and the last one is 'teeth' [Schadeberg 1981: 24].

Logol: Not properly attested. Schadeberg only lists an equivalent that is applicable to dogs: *ŋìn ŋú=m= ɔ́súm* [Schadeberg 1981: 24].

8. BLACK

Rere Koalib *=úŋúnà* (1), Ebang *=úḿnáŋ* (1), Abul *=ú:mə́nʋ̀ŋ* (1), Laru *=úmnà* (1), Utoro *=úmə́náŋ* (1), Shirumba *ù:mə̀nà* (1), Tiro *=ùmə̀nù* (1), Moro *=mùnúá* (1), Ko *=ʋ̀ŋʋ̀nt̠ʋ́ʔú* (1), Warnang *=ú:ŋàn* (1), Logol *=úŋúnɔ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 24. Used with prefixes *k=*, *y=*.
Ebang: Schadeberg 1981: 24. Used with prefix *g=*.
Abul: Schadeberg 1981: 24. Used with prefix *g=*. Listed as *=ùmnàŋ* (with prefixes *g=*, *l=*) in Fadlalla's idiolect.
Laru: Schadeberg 1981: 24. Used with prefixes *g=*, *y=*.
Utoro: Schadeberg 1981: 24. Used with prefix *gw=*. Polysemy: 'black / dirty'. Quoted as *umino* (Kwijur *uminaŋ*, Orombe *umina*) in [Stevenson 2009: 315].
Shirumba: Schadeberg 1981: 24.
Tiro: Schadeberg 1981: 24. Used with prefix *k=*. Quoted as *=uminɔ* in [Stevenson 2009: 47].
Moro: Schadeberg 1981: 24. Used with prefix *ka=*. Quoted as *ga=mənu* (adj.) in [Black 1971: 122].
Ko: Schadeberg 1981: 24.
Warnang: Schadeberg 1981: 24. Used with prefix *ŋ=*.
Logol: Schadeberg 1981: 24. Used with prefix *g=*.

9. BLOOD

Rere Koalib *ŋ=în* (1), Ebang *ŋ=în* (1), Abul *ŋ=ì:n* (1), Laru *y=í:n* (1), Utoro *ŋ=în* (1), Shirumba *ŋ=ə́vìn ~ ŋ=ə́vvìn* (1), Tiro *ŋ=ə̀vìn* (1), Moro *ŋ=ə́fání* (1), Ko *ŋ=ùn* (1), Warnang *ɕ=ù:nù* (1), Logol *ŋ=ìvín* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 24. Singulative form: *t=în*. Quoted as *ŋ=în* in [Quint 2006: 14].
Ebang: Schadeberg 1981: 24. Quoted as *ŋ=in* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 24. Listed as *ŋ=ìn* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 24.
Utoro: Schadeberg 1981: 24. The Kerindi variant is listed as *ŋǔ=van*. Quoted as *ŋ=əvən* (Kwijur *ŋ=əwɛn*) in [Stevenson 2009: 314].
Shirumba: Schadeberg 1981: 24. Quoted as *ŋ=àvìn* in [Guest et al. 1998: 4].

Tiro: Schadeberg 1981: 24. Quoted as *ŋ=əvin* in [Stevenson 2009: 21]. Formally a plural form.
Moro: Schadeberg 1981: 24. Quoted as *ŋ=əfəni* in [Black 1971: 122].
Ko: Schadeberg 1981: 24.
Warnang: Schadeberg 1981: 24.
Logol: Schadeberg 1981: 24.

10. BONE

Rere Koalib *l=ìyà* (1), Ebang *l=v̂ì* (1), Abul *l=v̂y* (1), Laru *g=ùyá* (1), Utoro *l=úyá* (1), Shirumba *l=íá* (1), Tiro *l=ùðà* (1), Moro *l=ðìà* (1), Ko *k=wɔ́ɲ* (2), Warnang *k=ûɲ* (2), Logol *l=ùyá* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 24. Plural: *ŋw=ìyà*.
Ebang: Schadeberg 1981: 24. Plural: *ŋ=v̂ì*.
Abul: Schadeberg 1981: 24. Plural: *ŋ=v̂y*.
Laru: Schadeberg 1981: 24. Plural: *y=ùyá*.
Utoro: Schadeberg 1981: 24. Plural: *ŋ=úyá*. Quoted as sg. *l=uia*, pl. *ŋw=uia* (Kwijur *l=ɔia*, pl. *ŋw=ɔia*) in [Stevenson 2009: 314].
Shirumba: Schadeberg 1981: 24. Plural: *ŋw=íá*. Quoted as *l=ɛ́ ~ l=ɛ̀* in [Guest et al. 1998: 2, 3].
Tiro: Schadeberg 1981: 24. Plural: *ŋ=ùðà*. Quoted as sg. *l=oḍi*, pl. *ŋ=oḍi* in [Stevenson 2009: 109].
Moro: Schadeberg 1981: 24. Plural: *ŋv̀=ðìà*. Quoted as sg. *l=oðea*, pl. *ŋ=oðea* in [Black 1971: 123].
Ko: Schadeberg 1981: 24. Plural: *ɕ=wɲ̇*.
Warnang: Schadeberg 1981: 24. Plural: *kùrîɲ* (suppletive?).
Logol: Schadeberg 1981: 24. Plural: *ŋ=ùyá*.

11. BREAST

Rere Koalib *kw=òrdòm* (1), Moro *l=urumia* # (-1).

References and notes:

Rere Koalib: Quint 2006: 14. Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *ʌ́:ðù*, pl. *y=ɛ́:ðù* [Schadeberg 1981: 25], quoted as *è:ðù* {ɛ̀ɛtù} in [Quint 2006: 14].
Ebang: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *k=ʌḍ́v́*, pl. *ʒ=ɛ́ḍv́* [Schadeberg 1981: 25].
Abul: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *g=ʌ́:ḍú*, pl. *ʌ́:ḍú* [Schadeberg 1981: 25].
Laru: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *l=ʌ́ḍù*, pl. *ŋw=ʌ́ḍù* [Schadeberg 1981: 25].
Utoro: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *ʌ̀ḍù*, pl. *ʒ=è̩ḍù*. Cf. *ʒ=aba* 'chest' (Kwijur *ʒambaŋ*) in [Stevenson 2009: 315].
Shirumba: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *l=è̩ḍù*, pl. *ḍ̩ù*. Cf., however, *l=ɡrù* 'chest' in [Guest et al. 1998: 3].
Tiro: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *ð=ì:ðù ~ r=ì:ðù*, pl. *ì:ðù*.
Moro: Black 1971: 127. Plural: *ŋ=urumia*. Meaning glossed as 'chest'. Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: *ìðú ~ àðú*, quoted as *ɛðu* in [Black 1971: 123].

Ko: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *k̻=ú*, pl. *ɕ ə̀ ú*.
Warnang: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *àbú*, pl. *ɕ=ùbú*.
Logol: Not attested in [Schadeberg 1981], where only the word for '(female) breast' is present: sg. *ŋ=ɔ̀ːyú*, pl. *ʒ=ɔ̀ːyú*.

12. BURN TR.

Rere Koalib *w=údù-nnɔ̀* # (1), Ebang *ì=ḓú-nnù* # (1), Abul *w=úd-ì* # (1), Laru *ŋú=m=ùːd-í* # (1), Utoro *yá=wùd-ɛ́* # (1), Shirumba *y=ʋ̀ːd-ɔ̀* # (1), Tiro *yá=úd-à* # (1), Moro *l=ɔ̀ːd-â* # (1), Ko *t̻=ɔ̀gɔ̀nɔ́ːɾàn* # (2), Warnang *gì=mà=y-àt̻áŋ* # (3), Logol *ŋá=mā=y* (3).

References and notes:

Rere Koalib: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different.
Ebang: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different.
Abul: Schadeberg 1981: 25. Listed as *yând=ùd-ɛ̀* in Fadlalla's idiolect. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different.
Laru: Schadeberg 1981: 25. Intransitive verb (with 'house' as subject); it is unclear if the transitive stem is lexically different.
Utoro: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different. The Kerindi equivalent is slightly different: *yù=kʋ́d-ɔ̀*. Cf. also 1st stem *non-o*, 2nd stem *non-i* 'burn' (marked as transitive and intransitive) in [Stevenson 2009: 236].
Shirumba: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different.
Tiro: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different. Cf. imperative *wudi* 'to burn' in [Stevenson 2009: 109].
Moro: Schadeberg 1981: 25. Intransitive verb (with 'stick' as subject); it is unclear if the transitive stem is lexically different. Cf. imperative *uɾu* (trans.) ~ *oɾo* (intrans.) in [Black 1971: 124].
Ko: Schadeberg 1981: 25. Intransitive verb (with 'stick' as subject); it is unclear if the transitive stem is lexically different. The expression for 'fire burns' is different: *àŋá (íɣɛ́) kɔ̀n ɔ̀n* [ibid.].
Warnang: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different. It is also the same word as 'eat' q.v.
Logol: Schadeberg 1981: 25. Intransitive verb (with 'fire' as subject); it is unclear if the transitive stem is lexically different. It is also the same word as 'eat' q.v. (the form is characterized as "past tense").

13. CLAW(NAIL)

Rere Koalib *k=íɾílì* (1), Ebang *k=áːmùn* (2), Abul *ḓ=àːmùn* (2), Utoro *g=àːmùn* (2), Shirumba *úmàr* (3), Tiro *ìð=àpɾà* (3), Moro *ìð=àpɾá* (3), Ko *k=ɛ̀màn* (2), Warnang *ábíɲɛ̀* (4), Logol *g=àmùn* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 26, 40. Plural: *y=íɾílì*. Polysemy: 'claw / nail'.
Ebang: Schadeberg 1981: 31, 40. Plural: *ɲ=áːmùn*. Means 'finger' with a different set of class prefixes: sg. *l=áːmùn*, pl. *ŋ= ːmùn*.
Abul: Schadeberg 1981: 40. Plural: *r=àːmùn*. Means 'finger' with a different set of class prefixes: sg. *l=àːmùn*, pl. *ŋw=àːmùn* [Schadeberg 1981: 31].
Laru: Not attested.
Utoro: Schadeberg 1981: 26, 40. Plural: *ʒ=*. Polysemy: 'claw / nail'. The Kerindi equivalent is slightly different: sg. *k=ám ɨ́*, pl. *n=ám ɨ́*

[ibid.]. Means 'finger' with a different set of class prefixes: sg. *l=à:mùn*, pl. *ŋw=ɔ̀:mùn* [Schadeberg 1981: 31]. Quoted as sg. *g=amɔn*, pl. *ʒ=amɔn* 'fingernail' (Orombe sg. *g=amon*, pl. *ʒ=amon*) in [Stevenson 2009: 317], distinct from *g=iɽilɛ* 'claw' [Stevenson 2009: 152].
Shirumba: Schadeberg 1981: 40. Plural: *n=*.
Tiro: Schadeberg 1981: 40. Plural: *ndr=àpɽà*. Quoted as sg. *id̠=apiɽa*, pl. *ndr=apiɽa* 'claw; fingernail' in [Stevenson 2009: 24].
Moro: Schadeberg 1981: 40. Plural: *nd̠=àbɽá*. Different from 'claw': sg. *l=úβɽát̠á*, pl. *ɲ=úβɽát̠á* id. Quoted as sg. *eð=apɔɽa*, pl. *nd̠=apɔɽa* in [Black 1971: 136].
Ko: Schadeberg 1981: 26, 40. Plural: *ɕ=ɛ̀màn*. Polysemy: 'claw / nail'.
Warnang: Schadeberg 1981: 40. Plural: *ɕ=ábíɲɛ̀*.
Logol: Schadeberg 1981: 26, 40. Plural: *ʒ=àmùn*. Polysemy: 'claw / nail'. Means 'finger' with a different set of class prefixes: sg. *l=àd̠mùn*, pl. *ŋ(w)=àd̠mùn ~ ŋ(w)=à:mún* [Schadeberg 1981: 31].

14. CLOUD

Rere Koalib *l=àblèt̠* (1), Ebang *g=íbʌ́:rù* (2), Abul *ʌ̀βʌ́ɽù* (2), Laru *k=ɛ̀rɛ̀* (3), Utoro *ábáɽú* (2), Shirumba *ŋ=írìŋ* (3), Tiro *ŋ=ɔ́:mɛ̂* (4), Moro *ìbʷɔ̀ɽúá* (2), Ko *kùlɨ́:lí* (5), Logol *lɛ̀:rɛ̀* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 26. Plural: *ŋw=àblèt̠*.
Ebang: Schadeberg 1981: 26. Plural: *ʒ=íbʌ́:rù*. Quoted as sg. *g=iburu*, pl. *ʒ=iburu* in [Meinhof 1944: 98].
Abul: Schadeberg 1981: 26.
Laru: Schadeberg 1981: 26. Plural: *y=ɛ̀rɛ̀*.
Utoro: Schadeberg 1981: 26. Specified as 'sg. of fog'. The Kerindi variant is given as *ʌrbut*. Quoted as *ʒ=ɛbθɽu* (Orombe sg. *abθɽi*, pl. *ʒ=ɛbθɽi*) in [Stevenson 2009: 315].
Shirumba: Schadeberg 1981: 26. Collective form.
Tiro: Schadeberg 1981: 26. Plural form; the singular form *l=ɔ́mɛ̂* is 'rain' q.v. Cf. also sg. *d̠=ibθɽi*, pl. *r=ibθɽi* 'rain-cloud' in [Stevenson 2009: 24]; possibly the same word, but with slightly different morphological characteristics, is recorded as sg. *d̠=ibθɽu*, pl. *ibθɽu* 'cloud' in [Stevenson 2009: 109].
Moro: Schadeberg 1981: 26. Polysemy: 'cloud / fog'. Quoted as *ibwoɽua* in [Black 1971: 127].
Ko: Schadeberg 1981: 26. Polysemy: 'cloud / dust / fog'.
Warnang: Not attested. According to [Schadeberg 1981: 26], the equivalent is an Arabic borrowing.
Logol: Schadeberg 1981: 26. Polysemy: 'cloud / sky'.

15. COLD

Rere Koalib *=ðì* (1), Ebang *=ìʒí:lɔ̀* (2), Abul *=ìʒìlɔ̀* (2), Laru *=íʒí:lù* (2), Utoro *=íɲídíŋ* (3), Shirumba *=íʒìlɔ̀* (4), Tiro *=mɔ̀lɔ̀* (5), Moro *=mʋ̀lí* (5), Ko *=ɔ́t̠t̠ó* (6), Logol *=ʌ́mɔ́:lú* (5).

References and notes:

Rere Koalib: Schadeberg 1981: 27. Used with prefixes *kú=*, *ŋí=*.
Ebang: Schadeberg 1981: 27. Used with the prefix *ŋ=*.
Abul: Schadeberg 1981: 27. Used with the prefix *ŋ=*.
Laru: Schadeberg 1981: 27. Used with prefixes *k=*, *y=*.
Utoro: Schadeberg 1981: 27. Used with the prefix *ŋ=*. Cf. also *=imolɔ* 'cold' in [Stevenson 2009: 203].
Shirumba: Schadeberg 1981: 27. Used with the prefix *ŋ=*. Quoted as *ʒìlà* 'cold' in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 27. Used with the prefix *ŋə=*. Quoted as *=imolo* in [Stevenson 2009: 47].

Moro: Schadeberg 1981: 27. Used with the prefix *ŋa=*. Quoted as *məlo* (imperative?), *ga=məle* (present?) in [Black 1971: 127].
Ko: Schadeberg 1981: 27. Used with the prefix *ŋ=*. Polysemy: 'cold / wet'.
Warnang: Not attested. According to [Schadeberg 1981: 27], the equivalent is an Arabic borrowing.
Logol: Schadeberg 1981: 27. Used with the prefix *ŋ=*.

16. COME

Rere Koalib *íl-à* (1), Ebang *í:l-á* (1), Abul *íl-á* (1), Laru *ìl-à* (1), Utoro *íl-á* (1), Shirumba *ɛ̀:l-à* (1), Tiro *ìl-â* (1) / *k=ɛ̀:t̪-ɔ̀* (4), Moro *ɛ̀l-âŋ* (1) / *g=ɛ̀:t̪-ʊ́* (4), Ko *àɽà* (2) / *ù=pínù* (5), Warnang *kɔ́y* (3) / *ŋ=ùrt̪-ɔ́* (6), Logol *wɛ̀:l-á* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 27. Imperative form.
Ebang: Schadeberg 1981: 27. Imperative form. Cf. *il-a* 'to come', *el-al* 'come!' (imperative pl.) in [Meinhof 1944: 116].
Abul: Schadeberg 1981: 27. Imperative form.
Laru: Schadeberg 1981: 27. Imperative form.
Utoro: Schadeberg 1981: 27. Imperative form. Quoted as *il-a ~ vil-a* (imperative) in [Stevenson 2009: 316].
Shirumba: Schadeberg 1981: 27. Imperative form. Quoted as *èl-à* in [Guest et al. 1998: 6].
Tiro: Schadeberg 1981: 27. Imperative form. Imperative form quoted as sg. *ila*, pl. *ila-r* in [Stevenson 2009: 62].Schadeberg 1981: 27. Suppletive 3rd p. sg. form. Cf. 1st sg. indefinite form *y=ɛt̪ɔ* [Stevenson 2009: 109].
Moro: Schadeberg 1981: 27. Imperative form. Quoted as *el-aŋ* in [Black 1971: 127].Schadeberg 1981: 27. Suppletive 3rd p. sg. form. Quoted as *g=et̪-o* in [Black 1971: 127].
Ko: Schadeberg 1981: 27. Imperative form.Schadeberg 1981: 27. Suppletive 3rd p. sg. form.
Warnang: Schadeberg 1981: 27. Imperative form.Schadeberg 1981: 27. Suppletive 3rd p. sg. form.
Logol: Schadeberg 1981: 27. Imperative form. Cf. also 3rd p. sg.: *m=ɛ́:l-á*.

17. DIE

Rere Koalib *kù=m=ày ~ kw=ày-ù* (1), Ebang *gw=ày* (1), Abul *gʊ̀=m=ày* (1), Laru *gwù=m=ày* (1), Utoro *m=ày* (1), Shirumba *m=ày-ɛ́* (1), Tiro *g=ày-ù* (1), Moro *g=à:y-ʊ́* (1), Ko *w=àɕɕ-ʊ́* (1), Warnang *ŋ=ɛ̀:ʒ-ì* (1), Logol *m=ày-í* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 28. The root is quoted as *aé* in [Quint 2006: 49].
Ebang: Schadeberg 1981: 28.
Abul: Schadeberg 1981: 28.
Laru: Schadeberg 1981: 28. Quoted as *àyí* 'to die' in [Kuku 2012: 34].
Utoro: Schadeberg 1981: 28. Quoted as *ay-ɔ* (stem 1), *ai* (stem 2) in [Stevenson 2009: 316].
Shirumba: Schadeberg 1981: 28.
Tiro: Schadeberg 1981: 28. Quoted as imperative *ay-o* in [Stevenson 2009: 109].
Moro: Schadeberg 1981: 28. 3rd p. sg. Quoted as *g=aiy-o* in [Black 1971: 131].
Ko: Schadeberg 1981: 28.
Warnang: Schadeberg 1981: 28.
Logol: Schadeberg 1981: 28.

18. DOG

Rere Koalib *t̪=íɲɛ̀n* (1), Ebang *ŋ=ì:n* (1), Abul *ŋ=ì:n* (1), Laru *kə̀=ɲɛ̀n* (1), Utoro *ŋ=ì:n* (1), Shirumba *ŋ=ì:n* (1), Tiro *ŋ=ɛ́:n ~ ŋ=ɛ́:nɛ̀* (1), Moro *ŋ=í:nà* (1), Ko *t̪=ə́n* (1), Warnang *ŋ=án* (1), Logol *ŋ=ín* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 28. Plural: *ɲ=íɲɛ̀n*. Quoted as *t̪=íɲᵉn* {t̪ínyᵉn} in [Quint 2006: 14].
Ebang: Schadeberg 1981: 28. Plural: *ɲ=ì:n*. Quoted as sg. *ŋ=in*, pl. *ɲ=in* in [Meinhof 1944: 101].
Abul: Schadeberg 1981: 28. Plural: *ɲ=ì:n* (*ŋw=ì:n* in Fadlalla's idiolect).
Laru: Schadeberg 1981: 28. Plural: *yì=ɲɛ̀n*.
Utoro: Schadeberg 1981: 28. Plural: *ɲ=ì:n*. Quoted as sg. *ŋ=in*, pl. *ɲ=in* in [Stevenson 2009: 155].
Shirumba: Schadeberg 1981: 28. Plural: *ɲ=ì:n*. Quoted as *ŋ=ìn*, pl. *ɲ=ìn* in [Guest et al. 1998: 2, 6].
Tiro: Schadeberg 1981: 28. Plural: *ɲ=ɛ́:n ~ ɲ=ɛ́:nɛ̀*. Quoted as sg. *ŋ=en*, pl. *ɲ=en* in [Stevenson 2009: 25].
Moro: Schadeberg 1981: 28. Plural: *ɲ=í:nà*. Quoted as sg. *ŋ=ina*, pl. *ɲ=ina* in [Black 1971: 131].
Ko: Schadeberg 1981: 28. Plural: *ɲ=ín*.
Warnang: Schadeberg 1981: 28. Plural: *ɲ=án*.
Logol: Schadeberg 1981: 28. Plural: *ɲ=ín*.

19. DRINK

Rere Koalib *ì:-ðù* (1), Ebang *íyy-ɔ̀* (1), Abul *gw=ìy-ì* (1), Laru *ìyy-ù* (1), Utoro *y-û* (1), Shirumba *ìyy-ú* (1), Tiro *t̪-v̂* (2), Moro *t̪-û* (2), Ko *íy-ɔ́* (1), Warnang *íðɛ́ʒɔ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 28. Imperative form. Same word as 'eat' q.v.
Ebang: Schadeberg 1981: 28. Quoted as *=iye* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 28.
Laru: Schadeberg 1981: 28. Imperative form.
Utoro: Schadeberg 1981: 28. Imperative form. Quoted as 1st stem and 2nd stem *yu* in [Stevenson 2009: 236].
Shirumba: Schadeberg 1981: 28. Imperative form.
Tiro: Schadeberg 1981: 28. Imperative form. Imperative form quoted as sg. *t̪o*, pl. *t̪o-r* in [Stevenson 2009: 62].
Moro: Schadeberg 1981: 28. Imperative form. Quoted as imperative *t̪-u*, pres. *gə=t̪-ia* in [Black 1971: 132].
Ko: Schadeberg 1981: 28. Imperative form.
Warnang: Schadeberg 1981: 28. Imperative form. Cf. also past tense: *ŋ=ɛ́y*.
Logol: Not attested.

20. DRY

Rere Koalib *=ndù* (1), Ebang *=ùd̪d̪ɔ̀* (1), Abul *=úndɔ̀* (1), Laru *=úndù* (1), Utoro *=úndɔ́ŋ* (1), Shirumba *=ùnt̪ɔ̀* (1), Tiro *=ùnd̪v̀tù* (1), Moro *=ɔ̀ndɔ̀ttú* (1), Ko *=ɔ́ŋ* (2), Warnang *=ùwíɲ* (2), Logol *=úd̪ɔ́ŋ* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 29. Used with prefixes *kù=*, *yí=*. Quoted as *ò=nt-é* 'to be dry' in [Quint 2006: 38], as *=ò=nt-ò* id. in [Quint 2006: 9].
Ebang: Schadeberg 1981: 29. Used with the prefix *g=* in the meaning 'empty'.
Abul: Schadeberg 1981: 29. Listed as *m=ùndέ* for Fadlalla's idiolect.
Laru: Schadeberg 1981: 29. Used with the prefix *k=*. Quoted in root form as *ʊ̀ⁿdí* 'to dry' in [Kuku 2012: 30].
Utoro: Schadeberg 1981: 29. Used with the prefix *gw=*. The Kerindi variant is given as *=údd ̣̣*. Cf. *oðo* (Kwijur *onðɔ*) 'dry' in [Stevenson 2009: 317].
Shirumba: Schadeberg 1981: 29. Used with the zero prefix. Polysemy: 'dry / empty'.
Tiro: Schadeberg 1981: 29. Used with the prefix *ð=*. Quoted as *=ɔnḍoṭo* in [Stevenson 2009: 109].
Moro: Schadeberg 1981: 29. Used with the prefix *k=*. Cf. the verb 'to dry' in [Black 1971: 132]: imperative *uð-u*, pres. *g=uð-a*.
Ko: Schadeberg 1981: 29. Used with the prefix *k=*.
Warnang: Schadeberg 1981: 29. Used with the prefix *g=*.
Logol: Schadeberg 1981: 29. Used with the prefix *g=*.

21. EAR

Rere Koalib *k=ɑ̃́ːnì* (1), Ebang *k=ɛ́ːnì* (1), Abul *g=ɛ́ːnì* (1), Laru *l=ɛ́ːní* (1), Utoro *g=ɛ́ːnì* (1), Shirumba *ə́ːnì* (1), Tiro *ání-ɲɔ̀* (1), Moro *áníɲà* (1), Ko *k=ə̀ɾì* (2), Warnang *w=ùːni* (1), Logol *g=ɛ́ːnì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 29. Plural: *y=ɑ̃́ì*. Quoted as *k=é:nì* in [Quint 2006: 9]. Polysemy: 'ear / leaf'.
Ebang: Schadeberg 1981: 29. Plural: *ɲ=ɛ́:nì*. Quoted as sg. *g=uni ~ k=uni*, pl. *ɲ=uni* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 29. Plural: *ɲ=ɛ́:nì*.
Laru: Schadeberg 1981: 29. Plural: *ŋw=ɛ́:ní*.
Utoro: Schadeberg 1981: 29. Plural: *ʒ=ɛ́:nì*. The Kerindi variant is given as *g=ǽːnì*, pl. *n=ǽːnì*. Quoted as sg. *g=ɵni*, pl. *n=ɵni* in [Stevenson 2009: 156].
Shirumba: Schadeberg 1981: 29. Plural: *n=ɛ́:nì*.
Tiro: Schadeberg 1981: 29. Plural: *n=á:níɲò*. Quoted as sg. *ɵni*, pl. *n=ɵni* in [Stevenson 2009: 22]. Schadeberg's form seems to contain a suffixed accusative marker (cf. *ɵni-ɲo* 'ear acc.' in [Stevenson 2009: 28]).
Moro: Schadeberg 1981: 29. Plural: *n=áníɲà*. Quoted as sg. *ɛnəɲi ~ ɛnəŋ*, pl. *n=ɛnəɲi ~ n=ɛnəŋ* in [Black 1971: 133].
Ko: Schadeberg 1981: 29. Plural: *ɕ=ə̀ɾì*.
Warnang: Schadeberg 1981: 29. Plural: *ɕ=ùːnì*.
Logol: Schadeberg 1981: 29. Plural: *ʒ=ɛ́:nì*.

22. EARTH

Rere Koalib *wúrèy* (1), Ebang *gw=íyáŋ* (2), Abul *gw=íyáŋ* (2), Laru *ṭ=íaŋ* (2), Utoro *gw=íyɔ́m* (2), Shirumba *ɑ́mʋ̣̀à* # (3), Tiro *ð=ùːðɔ̀* (4), Moro *ð=ùːðʷà* (4), Ko *k=ə̀ɓá* (5), Warnang *k=ùrú* (6), Logol *gw=ìyáw* (2).

References and notes:

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Rere Koalib: Schadeberg 1981: 29.
Ebang: Schadeberg 1981: 29.
Abul: Schadeberg 1981: 29. Listed as *gú=yàŋ* for Fadlalla's idiolect.
Laru: Schadeberg 1981: 29.
Utoro: Schadeberg 1981: 29. Quoted as *gw=iyom* in [Stevenson 2009: 317].
Shirumba: Schadeberg 1981: 29. Meaning glossed as 'fine earth', distinct from *ḍ̀à* 'less fine earth, dust'. Semantically unclear.
Tiro: Schadeberg 1981: 29. Quoted as *ḍ=uḍa* in [Stevenson 2009: 20].
Moro: Schadeberg 1981: 29. Quoted as *ð=uða* in [Black 1971: 133].
Ko: Schadeberg 1981: 29.
Warnang: Schadeberg 1981: 29.
Logol: Schadeberg 1981: 29.

23. EAT

Rere Koalib *ì:-ðì* (1), Ebang *í-ttì* (1), Abul *ì-ttí* (1), Laru *ì-ttí* (1), Utoro *í-ttì* (1), Shirumba *ì-ṭṭí* (1), Tiro *y-ɔ̂* (1), Moro *g=à:s-â* (2), Ko *ɛ́* (1), Warnang *yà:-ḍɔ̀* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 29. Imperative form. Same word as 'drink', 'bite'.
Ebang: Schadeberg 1981: 29. Imperative form. Same word as 'bite'. Quoted as *d=eɲ* (infinitive) in [Meinhof 1944: 115].
Abul: Schadeberg 1981: 29. Imperative form. Same word as 'bite'.
Laru: Schadeberg 1981: 29. Imperative form. Same word as 'bite'.
Utoro: Schadeberg 1981: 29. Imperative form. Quoted as 1st stem *i-ṭi*, 2nd stem *ɛʔɛ* in [Stevenson 2009: 235].
Shirumba: Schadeberg 1981: 29. Imperative form. Same word as 'bite'.
Tiro: Schadeberg 1981: 29. Imperative form. Imperative form quoted as sg. *iyɔ*, pl. *iyɔ-r* 'to eat (intr.)' in [Stevenson 2009: 62]; cf. also sg. *yino*, pl. *yino-r* 'to eat something (tr.)' [ibid.]. Cf. *iy-ɔ* (definite stem), *iy-a* (indefinite stem) in [Stevenson 2009: 61].
Moro: Schadeberg 1981: 29. 3rd p. sg. Same word as 'bite' q.v. Quoted as imperative *so*, pres. *gə=sa* in [Black 1971: 133].
Ko: Schadeberg 1981: 29. Imperative form.
Warnang: Schadeberg 1981: 29. Imperative form. Same word as 'burn'.
Logol: Not attested.

24. EGG

Rere Koalib *l=ɔ̀ɲ* (1), Ebang *l=ɔ́ɲ* (1), Abul *l=ɤ̀ɲà* (1), Laru *k=ɔ̀:ɲɔ̀* (1), Utoro *l=ɔ́ɲ* (1), Shirumba *l=ɛ́:ɲɔ̀ŋ* (1), Tiro *l=ɛ́ɲɛ̀* (1), Moro *l=ɛ́ɲá* (1), Ko *l=ɔ́ɲ* (1), Warnang *ɔ̀:ɲɛ́* (1), Logol *l=ɔ́ɲ* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 29. Plural: *ŋw=ɔ̀ɲ*. Quoted as sg. *l=ɔ̀ɲ*, pl. *ŋw=ɔ̀ɲ* in [Quint 2006: 14, 62].
Ebang: Schadeberg 1981: 29. Plural: *ŋw=ɲ́*.
Abul: Schadeberg 1981: 29. Plural: *ŋ=ɔ̀ɲà*.
Laru: Schadeberg 1981: 29. Plural: *y=ɔ̀:ɲɔ̀*.
Utoro: Schadeberg 1981: 29. Plural: *ŋw=ɲ́*. Quoted as sg. *l=ɔiɲ*, pl. *ŋw=ɔiɲ* in [Stevenson 2009: 150].
Shirumba: Schadeberg 1981: 29. Plural: *ŋ=ɛ́:ɲɔ̀ŋ*. Quoted as *l=éɲà* in [Guest et al. 1998: 9].

Tiro: Schadeberg 1981: 29. Plural: *ŋ=ɛ́ɲɛ̀*. Quoted as sg. *l=ɛɲ*, pl. *ŋ=ɛɲ* in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 29. Plural: *l=ɛ́ɲá*. Quoted as sg. *l=eɲa*, pl. *ŋ=eɲa* in [Black 1971: 133].
Ko: Schadeberg 1981: 29. Plural: *ŋ=ɟ́n*.
Warnang: Schadeberg 1981: 29. Plural: *ɕ=ɔ̀:ɲɛ́*.
Logol: Schadeberg 1981: 29. Plural: *ŋw=ɟ́n*.

25. EYE

Rere Koalib *l=ɛ̂y* (1), Ebang *k=ɛ́y* (1), Abul *g=ɛ́y* (1), Laru *l=ɛ̂y* (1), Utoro *g=ɛ́y* (1), Shirumba *l=ɛ̂y* (1), Tiro *l=éy* (1), Moro *ìssì* (2), Ko *k=í* (1), Warnang *k=ì:* (1), Logol *ŋ=ɛ́y* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 30. Plural form: *ŋw=ɔ̀y*. Quoted as sg. *l=ɛ̀e*, pl. *y=ɛ̀e* in [Quint 2006: 49].
Ebang: Schadeberg 1981: 30. Plural form: *ʒ=ɛ́y*. Quoted as sg. *g=e ~ k=e*, pl. *ʒ=e* in [Meinhof 1944: 98].
Abul: Schadeberg 1981: 30. Plural form: *ɛ́y*. Listed as sg. *g=áy*, pl. *ŋw=ɟ́y* in Fadlalla's dialect.
Laru: Schadeberg 1981: 30. Plural form: *ŋw=ɔ̂y*. Quoted as *l=ǒy* in [Kuku 2015: 3].
Utoro: Schadeberg 1981: 30. Plural form: *ʒ=ɛ́y*. Quoted as sg. *g=ei*, pl. *ʒ=ei* (Kwijur sg. *g=θi*, pl. *ʒ=θi*) in [Stevenson 2009: 317].
Shirumba: Schadeberg 1981: 30. Plural form: *ŋ=ɛ̂y*. Quoted as *l=ɛ̀* in [Guest et al. 1998: 3].
Tiro: Schadeberg 1981: 30. Plural form: *ŋ=éy*. Quoted as sg. *l=ei*, pl. *ŋ=ei* in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 30. Singular and plural forms are the same. Quoted as *isi* in [Black 1971: 134].
Ko: Schadeberg 1981: 30. Plural form: *ɕ=í*.
Warnang: Schadeberg 1981: 30. Plural form: *kìɽì* (suppletive?).
Logol: Schadeberg 1981: 30. Plural form: *ʒ=ɛ́y*.

26. FAT N.

Rere Koalib *ŋ=ɛ̀:là* (1), Ebang *ŋ=ɛ́:lá* (1), Abul *ŋ=ɛ̀:là* (1), Laru *y=ɪ́:là* (1), Utoro *ŋ=ɛ́:láŋ* (1), Shirumba *ŋ=ɛ̀:là* (1), Tiro *ŋ=ɛ̀:là* (1), Moro *ŋ=ɛ̀:lá* (1), Ko *ŋ=ɛ̀:ɽá* (1), Warnang *ɕ=ɛ̀:ɽá* (1), Logol *ŋ=ɛ̀:lá* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 30. Singulative: *t̪=ɛ̀:là*.
Ebang: Schadeberg 1981: 30. Quoted as *ŋ=ela* 'oil' in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 30.
Laru: Schadeberg 1981: 30. Polysemy: 'fat / oil'. Another recorded form is *y=à:lú*.
Utoro: Schadeberg 1981: 30. Quoted as *ŋ=ila* (Kwijur *ŋ=ɛlaŋ*) 'fat, oil' in [Stevenson 2009: 317].
Shirumba: Schadeberg 1981: 30.
Tiro: Schadeberg 1981: 30. Quoted as *ŋ=ela* 'oil' in [Stevenson 2009: 21]. Formally a plural form.
Moro: Schadeberg 1981: 30. Differently in [Black 1971: 135]: *bət̪ia* 'fat (n.)'.
Ko: Schadeberg 1981: 30.
Warnang: Schadeberg 1981: 30.
Logol: Schadeberg 1981: 30.

27. FEATHER

Rere Koalib *k=ʋ̀ːɾà* (1), Ebang *g=íɾwàl* (2), Abul *gə́=ɾúwál* (2), Laru *tí=ɾwá* (2), Utoro *g=àlàŋ* ~ *ɖ=àlàŋ* (3), Shirumba *íɾwîl* (2), Tiro *ìmbɽà* (4), Moro *àbɽá* (4), Ko *ṯ=ùlɛ́ŋá* (3), Warnang *k=úbɔ̀ŋ* (5), Logol *g=ùffú* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 31. Plural: *y=ʋ̀ːɾà*.
Ebang: Schadeberg 1981: 31. Plural: *ʒ=íɾwàl*.
Abul: Schadeberg 1981: 31. Plural: *í=ɾúwál*.
Laru: Schadeberg 1981: 31. Plural: *ŋú=ɾwá*.
Utoro: Schadeberg 1981: 31. Plural: *ʒ=àlàŋ*. The Kerindi variant is listed as *k=ɟúwɛ́l*, pl. *ʒ=ɟúwɛ́l*.
Shirumba: Schadeberg 1981: 31. Plural: *n=íɾwîl*.
Tiro: Schadeberg 1981: 31. Plural: *n=àmbɽà*.
Moro: Schadeberg 1981: 31. Plural: *n=àbɽá*. Quoted as sg. *abəɾa*, pl. *n=abəɾa* in [Black 1971: 135].
Ko: Schadeberg 1981: 31. Plural: *ḍ=ùlɛ́ŋá*.
Warnang: Schadeberg 1981: 31. Plural: *kúrb ɲ́* (sic!).
Logol: Schadeberg 1981: 31. Plural: *ʒ=ùffú*. Cf. *ḏ=ùffú* 'wing' with a different class prefix [Schadeberg 1981: 54].

28. FIRE

Rere Koalib *y=í:gà* (1), Ebang *í:gà* (1), Abul *ì:gà* (1), Laru *l=ì:gá* (1), Utoro *ígá* ~ *í:gá* (1), Shirumba *í:gà* (1), Tiro *ỳyá* (1), Moro *íyyô* (1), Ko *ísíá* (1), Warnang *ìgɛ̀* (1), Logol *k=ì:gà* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 31. Quoted as *í:gé* {íiké} in [Quint 2006: 14].
Ebang: Schadeberg 1981: 31. Quoted as *iga* in [Meinhof 1944: 101].
Abul: Schadeberg 1981: 31.
Laru: Schadeberg 1981: 31.
Utoro: Schadeberg 1981: 31. Quoted as *igo* ~ *iʒo* (Kwijur *iga*) in [Stevenson 2009: 317].
Shirumba: Schadeberg 1981: 31. Plural: *ʒ=í:gà*.
Tiro: Schadeberg 1981: 31. Quoted as *iyo* in [Stevenson 2009: 110].
Moro: Schadeberg 1981: 31. Differently in [Black 1971: 136]: *isia* 'fire'.
Ko: Schadeberg 1981: 31.
Warnang: Schadeberg 1981: 31.
Logol: Schadeberg 1981: 31. Plural: *kr=ì:gà*.

29. FISH

Rere Koalib *k=ûm* (1), Ebang *k=ûm* (1), Abul *g=ûm* ~ *gw=ûm* (1), Laru *ṯ=úm* (1), Utoro *l=ʋ̀ːm* (1), Shirumba *l=ûm* (1), Tiro *ʋ́ːmì* (1), Moro *ʋ̀ːmì* (1), Ko *wʋ̀m* (1), Warnang *ŋ=ʋ̀m* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 32. Plural: *l=ûm*. Quoted as *kw=ôm* in [Quint 2006: 62].

Ebang: Schadeberg 1981: 32. Plural: *l=ûm*. Also sg. *l=ûm*, pl. *ŋ=ûm* id. Quoted as sg. *l=um*, pl. *ŋw=um* in [Meinhof 1944: 99].

Abul: Schadeberg 1981: 32. Plural: *l=ûm*. Listed as sg. *l=ûm*, pl. *ŋ=ûm* in Fadlalla's idiolect.

Laru: Schadeberg 1981: 32. Plural: *ŋ=úm*. Quoted as *d=ʋ́m* in [Kuku 2012: 29].

Utoro: Schadeberg 1981: 32. Plural: *ŋ=ʋ̀ːm*. Quoted as sg. *l=omi*, pl. *ŋw=omi* (Orombe sg. *l=om*, pl. *l=omi*, although the editor suspects that the plural form may have been a typo) in [Stevenson 2009: 317].

Shirumba: Schadeberg 1981: 32. Plural: *ŋ=ûm*. Quoted as *l=óm* in [Guest et al. 1998: 2].

Tiro: Schadeberg 1981: 32. Plural: *l=ʋ́ːmì*. Quoted as sg. *omi*, pl. *n=omi* in [Stevenson 2009: 23].

Moro: Schadeberg 1981: 32. Plural: *l=àmmʷì*. Quoted as sg. *ome*, pl. *l=əmme* in [Black 1971: 136].

Ko: Schadeberg 1981: 32. Plural: *l=àm*.

Warnang: Schadeberg 1981: 32. Plural: *ɲ=ʋ̀m*.

Logol: Not attested. It is indicated in [Schadeberg 1981: 32] that the word is borrowed from Arabic.

30. FLY V.

Rere Koalib *ʈí=dìːɽ-ù* (1), Ebang *ŋì=ḏíɽ-ɔ̀* (1), Abul *ŋə̀=dìɽ-ɔ̀* (1), Laru *k=índ-í kèːɽàlà* (2), Utoro *ŋ=á=dír-ì kèɲèn* (1), Shirumba *mìːrɔ̀-gáwílɔ̀* (3), Tiro *gábrì #* (4), Moro *gàː=bə̀r-ú* (4), Ko *m̀=bŕl-ʋ́* (5), Warnang *ɲà=blɛ́ːrí* (5), Logol *ŋɛ́=dîɽ-ú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 32.
Ebang: Schadeberg 1981: 32.
Abul: Schadeberg 1981: 32.
Laru: Schadeberg 1981: 32. Idiomatic expression; literally = 'to go up'.
Utoro: Schadeberg 1981: 32. Idiomatic expression; the main verb is the same as in Koalib, etc., but the adverbial modifier *kèɲèn* means 'above'.
Shirumba: Schadeberg 1981: 32.
Tiro: Schadeberg 1981: 32. Idiomatic expression; literally = 'to stay above'.
Moro: Schadeberg 1981: 32. Literally just 'above'; the accompanying verb is not listed. Quoted as imperative *a=bəro*, pres. *ga=bərw-a* in [Black 1971: 136].
Ko: Schadeberg 1981: 32. Literally 'to go up'.
Warnang: Schadeberg 1981: 32.
Logol: Schadeberg 1981: 32.

31. FOOT

Rere Koalib *k=áːgà* (1), Ebang *g=ímàḏɛ́* (2), Abul *l=òːɽà* (3), Laru *k=ɔ̀ːrá* (3), Utoro *l=àːrà* (3), Shirumba *ḏ=ə́mɛ́nì* (4), Tiro *ð=ə̀mání-ɲà* (4), Moro *ð=ímáníɲà* (4), Ko *ʈ=ə̀máɽí* (4), Warnang *á=màːnì* (4), Logol *l=àːrá* (3).

References and notes:

Rere Koalib: Schadeberg 1981: 33. Plural: *y=áːgà*. Quoted as *k=áːgà* {káakà} in [Quint 2006: 9]. Distinct from *l=áːrà* 'leg' [Schadeberg 1981: 38].

Ebang: Schadeberg 1981: 33. Plural: *ʒ=ímàḏɛ́*. Distinct from *l=áːɽà* 'leg' [Schadeberg 1981: 38]. However, this latter word is listed as sg. *l=ora*, pl. *ŋw=ora* 'foot' in [Meinhof 1944: 99].

Abul: Schadeberg 1981: 33, 38. Plural: *ŋ=ò:ɽà*. Polysemy: 'foot / leg'.

Laru: Schadeberg 1981: 38. Plural: *y=ɔ̀:rá*. Meaning glossed as 'leg', but no separate word for 'foot' is available in Schadeberg's wordlists. Also quoted as *g=ɔ̀rà* 'foot' in [Kuku 2012: 32].

Utoro: Schadeberg 1981: 33, 38. Plural: *ŋw=à:rà*. Polysemy: 'foot / leg'. Quoted as sg. *l=ara*, pl. *ŋw=ara* in [Stevenson 2009: 150].

Shirumba: Schadeberg 1981: 33, 38. Plural: *r=ɱénì*. Polysemy: 'foot / leg / claw'. Quoted as *ð=ɱànì* 'leg' in [Guest et al. 1998: 2].

Tiro: Schadeberg 1981: 38. Meaning glossed as 'leg'; the meaning 'foot' is glossed separately as *ð ɱáníɲà ð ɟlà:lù*, literally "leg below" [Schadeberg 1981: 33], but this seems to be an almost artificially "specialized" distinction. Quoted as sg. *ḑ=imani*, pl. *r=imani* 'leg' in [Stevenson 2009: 24]. The form in Schadeberg's notes seems to have been recorded together with the accusative marker -ɲa (cf. *ḑ=amani-ɲa* 'leg acc.' in [Stevenson 2009: 28]).

Moro: Schadeberg 1981: 33, 38. Plural: *r=ímáníɲà*. Polysemy: 'foot / leg'. Quoted as sg. *ð=əmaniɲa*, pl. *r=əmanəɲa* in [Black 1971: 137]. Cf. also *l= ɲ̃ìà*, pl. *ɲ= ɲ̃ìà* "lower leg" [Schadeberg 1981: 38].

Ko: Schadeberg 1981: 33, 38. Plural: *d= ɱáɽí*. Polysemy: 'foot / leg'.

Warnang: Schadeberg 1981: 33, 38. Plural: *ɕí=mà:nì*. Polysemy: 'foot / leg'.

Logol: Schadeberg 1981: 33, 38. Plural: *ŋw=à:rá*. Polysemy: 'foot / leg'.

32. FULL

Rere Koalib =*ú:rànnà* (1), Ebang *gw=ɔ̀ɲáḑ-à:làŋ* (2), Abul *gí=ɲàḑù* (2), Laru *k=ɔ́ɲʒáḑù* (2), Utoro *gw=áɲéðɔ̀* (2), Shirumba *rùḑɔ̀* (3), Tiro *k=ùɲʊ̀ɲʊ̀nù* (4), Moro *k=ʊ̀ndɛ́:y-nú* (5), Ko =*ɔ̀ṭṭáb* (6), Warnang *bìyàrðú* (3), Logol =*ɔ́ɲɔ́dù* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 33. Used with prefixes *k=*, *y=*. Same root as in 'many' q.v.
Ebang: Schadeberg 1981: 33. Same root as in 'many' q.v.
Abul: Schadeberg 1981: 33. Same root as in 'many' q.v.
Laru: Schadeberg 1981: 33. Same root as in 'many' q.v.
Utoro: Schadeberg 1981: 33. Quoted as *eɲaðɔ* in [Stevenson 2009: 318].
Shirumba: Schadeberg 1981: 33.
Tiro: Schadeberg 1981: 33. In [Stevenson 2009: 111], it is indicated that 'full' in Tiro is the same word as 'many' q.v.
Moro: Schadeberg 1981: 33. Cf. the verb 'to fill' in [Black 1971: 135]: imperative *unḑai-ɕo*, pres. *gw=unḑai-ɕa*.
Ko: Schadeberg 1981: 33. Used with the zero prefix.
Warnang: Schadeberg 1981: 33.
Logol: Schadeberg 1981: 33. Used with the prefix *g=*.

33. GIVE

Rere Koalib *nḑ-à* (1), Ebang *ḑɛ́-ḑì* (1), Abul *ḑɛ̀:-ḑì* (1), Laru *ḑɛ̀-ḑí* (1), Utoro *ḑɛ́-ḑì* (1), Shirumba *ḑɛ́-ḑì ~ nḑɛ́-ḑì* (1), Tiro *ŋáɕî ~ ŋáɕɕî* (2), Moro *ná-ɕí-ɲì ~ ná-ɕɕí-ɲì* (2), Ko *nḑ-í* (1), Warnang *ḑɛ́-ḑɔ́gɔ̀ŋ* (1), Logol *ìṭṭú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 33. Imperative form.
Ebang: Schadeberg 1981: 33. Imperative form. Quoted as *di=ḑeḑ-a* (infinitive) in [Meinhof 1944: 115].
Abul: Schadeberg 1981: 33. Imperative form. Differently in Fadlalla's idiolect: *gètâ* 'give!' (also imperative).

Laru: Schadeberg 1981: 33. Imperative form. Another attested form is *gw=íːḏ-á*. Quoted in root form as *ꞓ́ɔ́* 'to give' in [Kuku 2012: 31].
Utoro: Schadeberg 1981: 33. Imperative form. Quoted as 1st stem *ðɛð-i*, 2nd stem *ðɛð-a* (Kwijur *ðθð-i / ðθð-a*) in [Stevenson 2009: 318].
Shirumba: Schadeberg 1981: 33. Imperative form.
Tiro: Schadeberg 1981: 33. Imperative form. Imperative form quoted as *ŋaiꞓi* in [Stevenson 2009: 110].
Moro: Schadeberg 1981: 33. Imperative form. Imperative form with 1st p. object: 'give me!' Cf. in [Black 1971: 138]: 'to give (trans.)' = imperative *nai-ꞓo*, pres. *ga=nai-ꞓ-a*; 'to give (intrans.)' = imperative *nai-ðo*, pres. *ga=nai-ði-a*.
Ko: Schadeberg 1981: 33. Imperative form. Imperative form with 1st p. object: 'give me!'
Warnang: Schadeberg 1981: 33. Imperative form. Imperative form with 3rd p. object: 'give him!' Cf. *áníníŋ* 'give me!' [ibid.].
Logol: Schadeberg 1981: 33. Imperative form with 3rd p. object: 'give him!' Cf. *áḏíŋì* 'give me!' [ibid.].

34. GOOD

Rere Koalib *=íꞓꞓàw* (1), Ebang *=ìŋŋèr* (2), Abul *=íŋŋèr* (2), Laru *=ʒâw* (1), Utoro *=ŋír ~ =ŋŋír* (2), Shirumba *ɸɛ́ːlɔ̀* (3), Tiro *=ìꞓꞓìɽɔ̀* (1), Moro *=ŋ̀rá* (2), Ko *=úmṱì* (4), Warnang *=wàːɽá* (5), Logol *=àḏíːlú* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 34. Used with the prefix *kw=*.
Ebang: Schadeberg 1981: 34. Used with prefixes *ḏ=*, *ʒ=*, *g=*. Polysemy: 'good / clean'. Quoted as *=iŋir* in [Meinhof 1944: 104].
Abul: Schadeberg 1981: 34. Used with the prefix *g=*. Differently in Fadlalla's idiolect: *=βèːlɔ̀* (used with the prefix *gì=*).
Laru: Schadeberg 1981: 34. Used with prefixes *kí=*, *ŋù=*, *yí=*.
Utoro: Schadeberg 1981: 34. Used with prefixes *ḏì=*, *gwʋ̀=*. Quoted as *gw=iŋir* in [Stevenson 2009: 202]. There is also a separate adjectival stem: *idelɔ* 'good' [Stevenson 2009: 318].
Shirumba: Schadeberg 1981: 34. Polysemy: 'good / clean / right'.
Tiro: Schadeberg 1981: 34. Quoted as *=iꞓelo* in [Stevenson 2009: 19]; as *=iꞓilo ~ =aiꞓilo* in [Stevenson 2009: 47].
Moro: Schadeberg 1981: 34. Used with the prefix *θà=*. Cf. the verb 'to be good' in [Black 1971: 138]: pres. *ga=ŋər-a*.
Ko: Schadeberg 1981: 34. Used with the prefix *ṱ=*. Polysemy: 'good / right'.
Warnang: Schadeberg 1981: 34. Used with prefixes *g=*, *r=*.
Logol: Schadeberg 1981: 34. Used with prefixes *ŋ=*, *ʒ=*.

35. GREEN

Rere Koalib *=íːgə́là* (1), Ebang *=ígə́láŋ* (1), Abul *=íːgə̀làŋ* (1), Laru *=íɣíɲà* (2), Utoro *=ìgə̀lɔ̀ŋ* (1), Shirumba *ìːgə̀là* (1), Moro *=ɛ̀ːðí* (3), Ko *ɔ́ꞓꞓíʔìt* (4), Warnang *=ìyyá* (2), Logol *=urkɔŋkɔ́ɲ* (5).

References and notes:

Rere Koalib: Schadeberg 1981: 34. Used with prefixes *k=*, *y=*. Polysemy: 'green / blue'.
Ebang: Schadeberg 1981: 34. Used with the prefix *g=*. Polysemy: 'green / wet'.
Abul: Schadeberg 1981: 34. Used with prefixes *g=*, *l=*.
Laru: Schadeberg 1981: 34. Used with prefixes *k=*, *y=*.
Utoro: Schadeberg 1981: 34. Used with the prefix *gw=*. Polysemy: 'green / wet'.
Shirumba: Schadeberg 1981: 34. Polysemy: 'green / wet'.
Tiro: Not attested i Schadeberg's data. Cf., however, *=iḏi* 'green' in [Stevenson 2009: 110].

Moro: Schadeberg 1981: 34. Used with the prefix *k=*. Quoted as *g=eðe* 'to be green (adj.)' in [Black 1971: 139].
Ko: Schadeberg 1981: 34.
Warnang: Schadeberg 1981: 34. Used with the zero prefix and with *ŋ=*.
Logol: Schadeberg 1981: 34. Used with the prefix *g=*.

36. HAIR

Rere Koalib *ʌ́:ɽù* (1), Ebang *g=ʌ́:ɽú* (1), Abul *ʌ́ɽʋ́* (1), Laru *l=ʌ́ɽù* (1), Utoro *ʌ̀ɽù* (1), Shirumba *ð=ʌ̀:ɽù* (1), Tiro *ḏ=ə́rú* (1), Moro *θ=ìríá* (1), Ko *ṯə̀=ɽú* (1), Warnang *k=ú* (1), Logol *ŋ=ʌ̀:ɽú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 34. Quoted as *èuɽù* in [Quint 2006: 14].
Ebang: Schadeberg 1981: 34. Plural: *ʒ=ʌ́:ɽú*. Quoted as *uru* (no class prefixes) in [Meinhof 1944: 101].
Abul: Schadeberg 1981: 34.
Laru: Schadeberg 1981: 34. Plural: *ŋw=ʌ́ɽù*. Quoted as *l=ɟ̀ɽú* in [Kuku 2012: 32].
Utoro: Schadeberg 1981: 34. Quoted as *ɵɽu* in [Stevenson 2009: 160]. Distinct from sg. *ð=ɔla*, pl. *ʒ=ɔla* 'body hair' in [Stevenson 2009: 153].
Shirumba: Schadeberg 1981: 34. Plural: *ʌ̀ɽù*. Quoted as pl. *yàɽù* 'hairs' in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 34. Plural: *í:rú*. Quoted as sg. *ḏ=iro*, pl. *iro* in [Stevenson 2009: 27].
Moro: Schadeberg 1981: 34. Plural: *ì:ríá*.
Ko: Schadeberg 1981: 34. Plural: *ɽú*.
Warnang: Schadeberg 1981: 34. Plural: *k=ùɽú*.
Logol: Schadeberg 1981: 34. Collective form (no singulative attested).

37. HAND

Rere Koalib *k=ɛ́rígɛ̀* (1), Ebang *ḏ=ɔ̀y* (2), Abul *ḏ=ì* (2), Laru *g=ʋ̀ì* (2), Utoro *g=írgɛ̀* (1), Shirumba *ð=ɛ̀* (2), Tiro *ì=rɛ̀ð* (1), Moro *ð=áŋ* (3), Ko *ṯ=ʋ́í* (2), Warnang *á=wí* (2), Logol *ḏ=í* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 35. Plural: *y=ɛ́rígɛ̀*. Quoted as *kɛ́rgɛ̀* {kɛ́rkɛ̀} in [Quint 2006: 34]. Distinct from *ṯ=î* 'arm' [Schadeberg 1981: 22].
Ebang: Schadeberg 1981: 22, 35. Plural: *d=ɔ̀y*. Polysemy: 'hand / arm'. Quoted as sg. *ḏ=oi*, pl. *d=oi* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 22, 35. Plural: *r=ì* (*ŋù=ì* in Fadlalla's idiolect). Polysemy: 'hand / arm'.
Laru: Schadeberg 1981: 22, 35. Plural: *ŋw=ʋ̀ì*. Polysemy: 'hand / arm'.
Utoro: Schadeberg 1981: 35. Plural: *ʒ=írgɛ̀*. Cf. *kà=ɽgà* 'palm' in the Kerindi variant. Distinct from *ḏ=ɛ́y* 'arm' [Schadeberg 1981: 22]. The latter word is listed as sg. *ð=e*, pl. *d=e* 'arm, hand' (Kwijur sg. *ð=ei*, pl. *d=ei*) in [Stevenson 2009: 313].
Shirumba: Schadeberg 1981: 22, 35. Plural: *r=ɛ̀*. Polysemy: 'hand / arm'. Quoted as pl. *r=ɛ* 'hands' in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 35. Plural: *ǹdrɛ̀ð*. Distinct from *ḏ=ì* 'arm' [Schadeberg 1981: 22]. Cf., however, sg. *ḏ=e*, pl. *r=e* 'arm, hand' in [Stevenson 2009: 24].
Moro: Schadeberg 1981: 22, 35. Plural: *r=áŋ*. Polysemy: 'hand / arm'. Quoted as sg. *ð=aŋ*, pl. *r=aŋ* in [Black 1971: 140].
Ko: Schadeberg 1981: 35. Plural: *d=ʋ́í*. Distinct from *k=ɬà* 'arm' [Schadeberg 1981: 22].

Warnang: Schadeberg 1981: 35. Plural: *ɕú=wí*. Distinct from *kɽà* 'arm' [Schadeberg 1981: 22].
Logol: Schadeberg 1981: 22, 35. Plural: *ď=í*. Polysemy: 'arm / hand'.

38. HEAD

Rere Koalib *ń=dà* (1), Ebang *lí=ɽá* (1), Abul *Í=ɽá* (1), Laru *kɔ́=ɽà* (1), Utoro *ɽá* (1), Shirumba *dâ* (1), Tiro *ɽ̀tá* (1), Moro *ǹdá* (1), Ko *ù=ɽɛ́* (1), Warnang *ṯúlì* (2), Logol *l=ɽá* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 35. Plural: *ŋú-ɽà*.
Ebang: Schadeberg 1981: 35. Plural: *ŋʋ́=ɽá ~ ŋwí=ɽá*. Quoted as sg. *li=ra*, pl. *ŋwu=ra* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 35. Plural: *ŋú=ɽá*.
Laru: Schadeberg 1981: 35. Plural: *yí=ɽà*. Quoted as *gɔ=ɽà* in [Kuku 2012: 28].
Utoro: Schadeberg 1981: 35. Plural: *ŋú=ɽá*. Quoted as sg. *l=ɽa*, pl. *ŋw=uɽa* in [Stevenson 2009: 150].
Shirumba: Schadeberg 1981: 35. Plural: *ŋ=ɽâ*. Quoted as *ɽ=ɛ ~ ɽ=à* in [Guest et al. 1998: 2, 6].
Tiro: Schadeberg 1981: 35. Plural: *ɽ̀=ɽâ*. Quoted as sg. *lta*, pl. *ŋ=ɔɽa* in [Stevenson 2009: 110].
Moro: Schadeberg 1981: 35. Plural: *ŋʋ̀=ɽá*. Quoted as sg. *nda*, pl. *ŋɔ=ɽwa* in [Black 1971: 140].
Ko: Schadeberg 1981: 35. Plural: *l=ɽɛ́*.
Warnang: Schadeberg 1981: 35. Marked as a questionable form. No plural.
Logol: Schadeberg 1981: 35. Plural: *ŋù=ɽá*.

39. HEAR

Rere Koalib *níŋ-ɛ́nà* (1), Ebang *díŋ-ínɔ̀* (1), Abul *díŋ-ɔ́nú* (1), Laru *ḏìŋ-ìnú* (1), Utoro *dáŋ-ɔ́nù* (1), Shirumba *lìŋ-ɔ̀nɔ́* (1), Tiro *n-ɔ̂* (2), Moro *gà=nn-â* (2), Ko *nɛ́* (2), Warnang *nà:-ðɔ̀* (2), Logol *lɛ́ŋ-ɛ́nú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 35. Imperative form.
Ebang: Schadeberg 1981: 35. Imperative form. Quoted as *=diŋini* in [Meinhof 1944: 100]; cf. imperative pl. *diŋin-ul* in [Meinhof 1944: 116].
Abul: Schadeberg 1981: 35. Imperative form.
Laru: Schadeberg 1981: 35. Imperative form.
Utoro: Schadeberg 1981: 35. Imperative form. The Kerindi variant is listed as *gwɔ̀=lɛ́ŋ-ɛ́nùŋ*. Quoted as 1st stem *diŋ-inu*, 2nd stem *diŋ-ini* (Kwijur *dəŋ-inu / dəŋ-ini*; Orombe *lɛŋ-inu / liŋ-ini*) in [Stevenson 2009: 318].
Shirumba: Schadeberg 1981: 35. Imperative form.
Tiro: Schadeberg 1981: 35. Imperative form. Imperative form quoted as sg. *nɔ*, pl. *nɔ-r* in [Stevenson 2009: 62]. Cf. *n-ɔ* (definite stem), *n-a* (indefinite stem) in [Stevenson 2009: 61].
Moro: Schadeberg 1981: 35. 3rd p. sg. Quoted as imperative *no*, pres. *gə=n-a* in [Black 1971: 140].
Ko: Schadeberg 1981: 35. Imperative form.
Warnang: Schadeberg 1981: 35. Imperative form.
Logol: Schadeberg 1981: 35. Imperative form.

40. HEART

Rere Koalib *ţ=úgɔ̀r* (1), Ebang *ḏ=íg_ɔr* (1), Abul *ḏ=ùgór* (1), Laru *l=úgɔ̀r* (1), Utoro *ḏ=ùgɔ̀rɛ́* (1), Shirumba *ḏ=ùwàr* (1), Tiro *ð=ù* (2), Moro *úfúðà* (3), Ko *ţ=ɔ̀gár* (1), Logol *ḏ=àgùrɛ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 35. Plural: *r=úgɔ̀r*.
Ebang: Schadeberg 1981: 35. Plural: *d=íg ɾ*. Quoted as sg. *ḏ=ugor*, pl. *d=ugor* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 35. Plural: *r=ùg ɾ*. Listed as sg. *d=úg ɾ*, pl. *ŋ=úg ɾ* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 35. Plural: *ŋ=úgɔ̀r ~ y=úgɔ̀r*.
Utoro: Schadeberg 1981: 35. Plural: *d=ùgɔ̀rɛ́*. Quoted as sg. *ð=ugwɔr*, pl. *d=ugwɔr* in [Stevenson 2009: 154].
Shirumba: Schadeberg 1981: 35. Plural: *ḏ=ùwàr*. Quoted as *ð=òwàr* in [Guest et al. 1998: 8].
Tiro: Schadeberg 1981: 35. Plural: *r=ù*. Quoted as sg. *ḏ=u*, pl. *r=u* in [Stevenson 2009: 110].
Moro: Schadeberg 1981: 35. Plural: *n=úfúðá*. Polysemy: 'heart / breath'. Differently in [Black 1971: 140]: *ðu ðənəwiɲ* 'heart'.
Ko: Schadeberg 1981: 35. Plural: *d= gár*.
Warnang: Not attested. Schadeberg states that the equivalent is borrowed from Arabic.
Logol: Schadeberg 1981: 35. Plural: *d=àgùrɛ́*.

41. HORN

Ebang *ḏ=ìl* (1), Abul *ḏ=ìl* (1), Laru *g=ìl* (1), Utoro *l=ʋ̀ːbà* (2), Shirumba *l=ʋ́ːβà* (2), Tiro *l=ʋ̀βà* (2), Moro *θál* (3), Warnang *ìːlɛ́* (1), Logol *ḏ=íl* (1).

References and notes:

Rere Koalib: Not attested.
Ebang: Schadeberg 1981: 36. Plural: *d=ìl*.
Abul: Schadeberg 1981: 36. Plural: *r=ìl*.
Laru: Schadeberg 1981: 36. Plural: *ŋw=ìl*. Quoted as *g=ìl ~ d=ìl* in [Kuku 2012: 28, 29].
Utoro: Schadeberg 1981: 36. Plural: *ŋ=ʋ̀ːbà*. Quoted as sg. *l=oba*, pl. *ŋw=oba* in [Stevenson 2009: 319].
Shirumba: Schadeberg 1981: 36. Plural: *ŋ=ʋ́ːβà*.
Tiro: Schadeberg 1981: 36. Plural: *ŋ=ʋ̀βà*. Quoted as sg. *l=uba*, pl. *ŋ=uba* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 36. Plural: *árl^dí*. In [Black 1971: 141], only a special term with the meaning 'long horn' is attested: sg. *l=əmɛgəŋ*, pl. *n=əmɛgəŋ*.
Ko: Not attested.
Warnang: Schadeberg 1981: 36. Plural: *ɕ=ìːlɛ́*.
Logol: Schadeberg 1981: 36. Plural: *d=íl*.

42. I

Rere Koalib *ɲì* (1), Ebang *ɲì* (1), Abul *ɲì* (1), Laru *èɲ* (1), Utoro *ɲì* (1), Shirumba *nì* (1), Tiro *íŋì* (1), Moro *ŋ́ɲí ~ íɲí* (1), Ko *ìɲì* (1), Warnang *ŋ́ɲí* (1), Logol *gw=éːnì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 62.
Ebang: Schadeberg 1981: 67. Quoted as *ɲi* in [Meinhof 1944: 107].

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Abul: Schadeberg 1981: 71.
Laru: Schadeberg 1981: 74.
Utoro: Schadeberg 1981: 78. Quoted as *ŋi ~ ɲi ~ i* in [Stevenson 2009: 178].
Shirumba: Schadeberg 1981: 82.
Tiro: Schadeberg 1981: 87. Quoted as *iŋ ~ ŋi* (subject form), *an=iŋi* (isolated emphatic form) in [Stevenson 2009: 32-33].
Moro: Schadeberg 1981: 92. In [Black 1971: 4, 7], the emphatic free subject pronoun is listed as *i-gɛnə-ɲi* 'I'; the bound subject prefix is listed as *i-*.
Ko: Schadeberg 1981: 98.
Warnang: Schadeberg 1981: 103.
Logol: Schadeberg 1981: 106.

43. KILL

Rere Koalib *íɽíŋ-ìðù* (1), Ebang *gwí=mà=rìŋ-à* (1), Abul *gʋ̀=mà=rìŋ-ì* (1), Laru *gù=mà=lìŋ-ɛ́* (1), Utoro *gw=á=rìŋ-ɛ̀* (1), Shirumba *mà:=ɽìŋ-ɛ̀* (1), Tiro *ɽíŋ-ɔ̂* (1), Moro *ríŋ-ù* (1), Ko *ɔ́à* (2), Warnang *rì:-ðɔ̀* (1), Logol *ríŋ-ɛ́ḏí* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 36. Imperative form.
Ebang: Schadeberg 1981: 36. Quoted as *di=riŋ-a* (infinitive) in [Meinhof 1944: 115].
Abul: Schadeberg 1981: 36. Imperative form.
Laru: Schadeberg 1981: 36. Imperative form.
Utoro: Schadeberg 1981: 36. 3rd p. form. The Kerindi variant is *mà=lìŋ-ɛ̀*. Quoted as 1st stem *ɽiŋ-iði*, 2nd stem *ɽiŋ-ɛ* in [Stevenson 2009: 235].
Shirumba: Schadeberg 1981: 36. 3rd p. form.
Tiro: Schadeberg 1981: 36. Imperative form. Quoted as *ɽiŋ-ɔ* (imperative), *ga=ɽiŋ-a* (1 sg. indefinite) in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 36. Imperative form. Quoted as imperative *ɽiŋ-o*, pres. *ga=ɽŋ-a* (also "intransitive imperative" *ɽiŋ-əðo*) in [Black 1971: 144].
Ko: Schadeberg 1981: 36. Imperative form.
Warnang: Schadeberg 1981: 36. Imperative form.
Logol: Schadeberg 1981: 36. Imperative form.

44. KNEE

Rere Koalib *ŋwù=rgwù* (1), Ebang *lì=rkɔ́* (1), Abul *l=r̀kɔ́* (1), Laru *kə́=rkɔ́* (1), Utoro *r̀kɔ́* (1), Shirumba *l=rùwà* (1), Tiro *í=ríyɔ̀* (1), Moro *kə̀=ríá* (1), Ko *k=r̀gɛ́* (1), Warnang *kə̀=rgá* (1), Logol *l=ùrgú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 37. NT.
Ebang: Schadeberg 1981: 37. Plural: *ŋù=rk ̤* Quoted as sg. lǐ=rkŏ, pl. *ŋwu=rko* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 37. Plural: *ŋù=rk ̤* Listed as sg. *l=úrk ̤*, pl. *ŋ=úrk ̤* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 37. Plural: *yí=rk ̤*
Utoro: Schadeberg 1981: 37. Plural: *ŋú=rk ̤* The Kerindi variant is *r̀kɔ̀*, pl. *ŋù=ɽkɔ̀*. Quoted as sg. *l=rkɔ*, pl. *ŋw=urkɔ* (Orombe sg. *l=rkwɔ*,

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pl. *ŋw=urkwɔ*) in [Stevenson 2009: 319].

Shirumba: Schadeberg 1981: 37. Plural: ⊭*rùwà*.
Tiro: Schadeberg 1981: 37. Plural: *nd=ríyɔ̀*. Quoted as sg. *i=rio*, pl. *nd=rio* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 37. Plural: *nd=ríá*. Quoted as sg. *k=ɘria*, pl. *nd=ria* in [Black 1971: 144].
Ko: Schadeberg 1981: 37. Plural: *ɕ=ɾ̀gɛ́*.
Warnang: Schadeberg 1981: 37. Plural: *kɾ̀rgá*.
Logol: Schadeberg 1981: 37. Plural: *ŋ=ùrgú*.

45. KNOW

Rere Koalib *kú=líŋ-ìðù* (1), Ebang *gwì=lìŋ-í:d̪ì* (1), Abul *gú=lín-èðì* (1), Laru *gwú=lín-í:d̪ì* (1), Utoro *gwù=lìŋ-ì:ðì* (1), Shirumba *ŋà:=lìŋ-əd̪íŋì* (1), Tiro *gà=lìŋèt̪-ɔ̀* (1), Moro *kà=lìŋ-èt̪ɔ́* (1), Ko *w=áŋɔ́l-ɛ́* (2), Warnang *ŋ=ɛ̀ɾŋ-à* (1), Logol *gù=lìŋ-ɛ́:d̪ì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 37.
Ebang: Schadeberg 1981: 37.
Abul: Schadeberg 1981: 37.
Laru: Schadeberg 1981: 37.
Utoro: Schadeberg 1981: 37. Quoted as 1st stem *liŋ-iði*, 2nd stem *liŋ-ɛ* in [Stevenson 2009: 235].
Shirumba: Schadeberg 1981: 37.
Tiro: Schadeberg 1981: 37. Quoted as *liŋ-ɛt̪ɔ* (imperative), *ga=liŋet̪-a* (1 sg. indefinite) in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 37. Quoted as imperative *lɘŋ-et̪o*, pres. *ga=liŋ-et̪o*, etc. in [Black 1971: 144].
Ko: Schadeberg 1981: 37.
Warnang: Schadeberg 1981: 37.
Logol: Schadeberg 1981: 37.

46. LEAF

Rere Koalib *k=ä̀:nì* (1), Ebang *k=ɛ́:nì* (1), Abul *g=ɛ́:nì* (1), Laru *t̪=ú:ɾín* (2), Utoro *g=ɛ́:nì* (1), Shirumba *n=ɛ:nì* (1), Tiro *áníɲɔ̀* (1), Moro *ð=àt̪áy* (3), Ko *k=ɘ̀ɾì* (2), Warnang *w=ù:nì* (1), Logol *g=ɛ́:nì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 38. Plural: *y=ä̆ni*. Quoted as *k=ɛ́:nì* in [Quint 2006: 98]. Polysemy: 'ear / leaf'.
Ebang: Schadeberg 1981: 38. Plural: *ɲ=ɛ́:nì*. Polysemy: 'ear / leaf'.
Abul: Schadeberg 1981: 38. Plural: *ɲ=ɛ́:nì*. Listed as sg. *á:ní*, pl. *ŋ=ó:ní* in Fadlalla's idiolect. Polysemy: 'ear / leaf'.
Laru: Schadeberg 1981: 38. Plural: *ŋ=ú:ɾíɲ*.
Utoro: Schadeberg 1981: 38. Plural: *ʒ=ɛ́:nì*. Polysemy: 'ear / leaf'. The Kerindi variant is listed as *g=ǽ:nì*.
Shirumba: Schadeberg 1981: 38. Polysemy: 'ear / leaf' (the precise equivalent for leaf may be *n=ɛ́:nì n-à wà:ɾɛ̀* 'ear-of-tree').
Tiro: Schadeberg 1981: 38. Polysemy: 'ear / leaf' (the precise equivalent for leaf may be *áníɲɔ̀ k=ì ðú:ɾì* 'ear-of-tree').
Moro: Schadeberg 1981: 38. Plural: *r=àt̪áy*. Quoted as sg. *ð=at̪ai*, pl. *r=at̪ai* in [Black 1971: 146].
Ko: Schadeberg 1981: 38. Plural: *ɕ=ɘ̀ɾ̀ì*. Polysemy: 'ear / leaf'.
Warnang: Schadeberg 1981: 38. Plural: *ɕ=ù:nì*. Polysemy: 'ear / leaf'.

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Logol: Schadeberg 1981: 38. Plural: *ʒ=έːnì*. Polysemy: 'ear / leaf'.

47. LIE

Rere Koalib *kú=ndə̀r-àlù* (1), Ebang *gù=dr-ɔ́* (1), Abul *ndɽ-ɔ́* (1), Laru *ǹdr-ú* (1), Utoro *ǹdr-ɔ̀* (1), Shirumba *ǹdr-ɔ́* (1), Tiro *ǹdr-û* (1), Moro *ǹdr-v̂* (1), Ko *ńdr-ɔ́w* (1), Warnang *àss-ɔ́* (2), Logol *ìḓḓə̀r-gɔ́* # (3).

References and notes:

Rere Koalib: Schadeberg 1981: 38. Polysemy: 'lie / sleep'.
Ebang: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Possibly *gù=dɽ-ːʕ* (the author expresses uncertainty).
Abul: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Laru: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Utoro: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form. The Kerindi variant is listed as *dὲr-ɔ̀*. For Stevenson's forms, see under 'sleep'.
Shirumba: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Tiro: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Moro: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Ko: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form.
Warnang: Schadeberg 1981: 38. Imperative form. Cf. also 3rd p. sg.: *ǹ̩g ə̀l-á* [ibid.] (a suppletive stem?).
Logol: Schadeberg 1981: 38. Polysemy: 'lie / sleep'. Imperative form. Marked as dubious.

48. LIVER

Ebang *àwὲ* (1), Abul *àwὲ* (1), Laru *l=áy* (1), Utoro *áwὲ* (1), Shirumba *àmàr* (2), Tiro *àvvì* (1), Moro *ɕ=áːβὲà* (1), Ko *ṯ=ùíɲ* (3), Logol *ŋ=áːwí* (1).

References and notes:

Rere Koalib: Not attested.
Ebang: Schadeberg 1981: 39.
Abul: Schadeberg 1981: 39. Listed as sg. *l=àwὲ*, pl. *àːwὲ* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 39. Quoted as *l=ây* in [Kuku 2015: 3].
Utoro: Schadeberg 1981: 39. Plural: *ʒ=áwὲ*. The Kerindi variant is listed as *áːvὲ*, pl. *ʒ=áːvὲ*.
Shirumba: Schadeberg 1981: 39. Plural: *n=ɪmàr*.
Tiro: Schadeberg 1981: 39. Plural: *n=àvvì*.
Moro: Schadeberg 1981: 39. Quoted as *ɕabia ~ ɕabe* in [Black 1971: 146].
Ko: Schadeberg 1981: 39. Plural: *ɖ=ùíɲ*.
Warnang: Not attested. Marked as an Arabic borrowing by Schadeberg.
Logol: Schadeberg 1981: 39. Plural: *ʒ=áːwí*.

49. LONG

Rere Koalib *=ʊ̀ːlà* (1), Ebang *=ɔ̀ːlàŋ* (1), Abul *=óːláŋ* (1), Laru *=ɔ́ːlà* (1), Utoro *=ɔ́ːláŋ* (1), Shirumba *=ùwàlà* (1), Tiro *=ɔ̀là* (1), Moro *=u̯àːlá* (1), Ko *=ɔ́ɽá-tɔ̀ɕ* (1), Warnang *=ɔ̀llá* (1),

Logol =ɔ́ːlɔ́-gɔ́ (1).

References and notes:

Rere Koalib: Schadeberg 1981: 39. Used with the prefix *k=*.
Ebang: Schadeberg 1981: 39. Used with prefixes *ḏ=*, *l=*, *ŋ=*. Polysemy: 'long / far'.
Abul: Schadeberg 1981: 39. Used with prefixes *ḏ=*, *r=*.
Laru: Schadeberg 1981: 39. Used with prefixes *k=*, *y=*.
Utoro: Schadeberg 1981: 39. Used with the prefixes *gw=*, *d=*. Polysemy: 'long / far'. The Kerindi variant is *=llá* (with prefixes *t=*, *ɕ=*). Quoted as *ɔla* in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 39. Used with the prefix *ḏ=*. Polysemy: 'long / far'.
Tiro: Schadeberg 1981: 39. Used with the prefix *ð=*. Quoted as *=ɔla* 'long, tall' in [Stevenson 2009: 20, 111].
Moro: Schadeberg 1981: 39. Used with the prefix *θ=*. Quoted as pres. *g=wal-a*, imper. *ol-u* 'to be long' in [Black 1971: 146].
Ko: Schadeberg 1981: 39. Used with prefixes *ṯ=*, *d=*. Polysemy: 'long / far'.
Warnang: Schadeberg 1981: 39. Used with prefixes *g=*, *r=*.
Logol: Schadeberg 1981: 39. Used with prefixes *ŋ=*, *ʒ=*.

50. LOUSE

Rere Koalib *k=ùːgì* (1), Abul *gə̀=ndégèl* (2), Laru *ṯə́=ndégə̀l* (2), Utoro *g=ámùl* (-1), Shirumba *ḏ=índìl* (2), Tiro *ì=rlâ* (3), Ko *ṯə́=gìɲ* (4), Warnang *áṯáɲáɲ* (5), Logol *g=ìsígíl* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 39. Plural: *y=ùːgì*.
Ebang: Not attested.
Abul: Schadeberg 1981: 39. Plural: *ì=ndégèl*.
Laru: Schadeberg 1981: 39. Plural: *yí=ndég ɬ* ~ *ŋwú=ndég ɬ*.
Utoro: Schadeberg 1981: 39. Plural: *ʒ=ámùl*. Borrowed from Arabic. The Kerindi variant seems to be inherited: sg. *k=dɛ́ːgèlè*, pl. *ʒì=dɛ́ːgèlè*.
Shirumba: Schadeberg 1981: 39. Plural: *índìl*.
Tiro: Schadeberg 1981: 39. Plural: *ǹ=drlâ*.
Moro: Not attested in either Schadeberg's or Black's materials. Schadeberg indicates that the word is an Arabic borrowing.
Ko: Schadeberg 1981: 39. Plural: *ɲí=gìɲ*.
Warnang: Schadeberg 1981: 39. Plural: *ɕ=áṯáɲáɲ*.
Logol: Schadeberg 1981: 39. Plural: *ʒ=ìsígíl*.

51. MAN

Rere Koalib *k=ûr* (1), Ebang *kw=ɔ̀mmâ* (2), Abul *gʊ́=mmà* (2), Laru *ṯ=ùr* (1), Utoro *gw=ʊ́mmèà* (2), Shirumba *ʊ̀rá* (1), Tiro *gə́r=ɔ́ŋɔ̀r* (3), Moro *ùrrá* (1), Ko *k=ádágíɲá* (4), Warnang *g=ɔ́ŋɔ̀r* (3), Logol *gw=ɔ́mmɛ́* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 39. Plural: *l=ûr*. Singular form quoted as *kw=ór* in [Quint 2006: 43]; plural form quoted as *l=ór* in

[Quint 2006: 33].

Ebang: Schadeberg 1981: 39. Plural: *l=ɔmmâ*. Polysemy: 'man / husband'. Quoted as sg. *gw=oma ~ kw=oma*, pl. *l=oma* in [Meinhof 1944: 97].

Abul: Schadeberg 1981: 39. Plural: *lɛ́=mmà*.

Laru: Schadeberg 1981: 39. Plural: *ŋ=ùr*.

Utoro: Schadeberg 1981: 39. Plural: *l=ʋ́mmèà*. Quoted as sg. *gw=ɵmio*, pl. *l=ɵmio* (Kwijur sg. *gw=omia*, pl. *l=omia*; Orombe sg. *gw=omia*, pl. *l=ɛmia*) 'man, male' in [Stevenson 2009: 320]. Cf. also sg. *yo ~ iyo*, pl. *ɲiŋo ~ ɲɔŋo* 'man, male' [ibid.] (is this the word 'male' rather than 'man'?).

Shirumba: Schadeberg 1981: 39. Plural: *l=ʋ̀rá*.

Tiro: Schadeberg 1981: 39. Plural: *ltŕ=l=áŋɔ̀r*. Usually in conjunction with *ù:=ʒí* 'person' q.v. (so the proper meaning of the word is probably male'). Quoted as sg. *ɔŋɔr*, pl. *l=ɔŋɔr* 'male' in [Stevenson 2009: 19]; the meaning 'man' is expressed by the compound form *wuʒi kir ɔŋɔr*, literally 'person-male' [Stevenson 2009: 27].

Moro: Schadeberg 1981: 39. Plural: *dɽrá*. Polysemy: 'man / husband'. Differently in [Black 1971: 148]: sg. *ma=ʒi*, pl. *li=ʒi* 'man'. Cf., however, *gə=ɽorra* 'male (adj.)' [ibid.].

Ko: Schadeberg 1981: 39. Plural: *l=ádágíɲá*. Usually in conjunction with *kíó* 'person' q.v. (so the proper meaning of the word is probably male').

Warnang: Schadeberg 1981: 39. Plural: *ɕ=ŕ̩ɔ̀r*.

Logol: Schadeberg 1981: 39. Plural: *l=ɛ́mmɛ́*.

52. MANY

Rere Koalib *=ú:rú* (1), Ebang *=ɔ̀ɲádɔ̀* (2), Abul *=íɲádò* (2), Laru *=ɔ́nʒádù̲* (2), Utoro *=úttùŋ* (3), Shirumba *=àŋèd̲ɔ̀* # (2), Tiro *=ɔ̀ɲà* (4), Moro *gw=aiɲa* # (4), Ko *ŋ̀=pɔ̀l ~ lɛ́=ppàl* (5), Warnang *=útt̲ù:mì* (3), Logol *=ú:sún* (6).

References and notes:

Rere Koalib: Schadeberg 1981: 39. Used with prefixes *l=, y=*.

Ebang: Schadeberg 1981: 39. Used with the prefix *l=*. Quoted as *=oiɲad̲o* in [Meinhof 1944: 104].

Abul: Schadeberg 1981: 39. Used with prefixes *l=, ŋw=*.

Laru: Schadeberg 1981: 39. Used with the prefix *ŋw=*.

Utoro: Schadeberg 1981: 39. Used with the prefix *l=*. Quoted as *utu* in [Stevenson 2009: 320].

Shirumba: Schadeberg 1981: 39. Additionally, the forms *à:lù* (prefixes *y=, l=*) and *=ùrɔ̀:d̲ɔ̀* may be used in the same meaning.

Tiro: Schadeberg 1981: 39. Used with the prefix *l=*. Quoted as *=ɔiɲa* in [Stevenson 2009: 46].

Moro: Schadeberg 1981: 39; Black 1971: 148. Schadeberg does not list any forms from his own informants and quotes the equivalent from Black's material instead.

Ko: Schadeberg 1981: 39. The forms *ŋú=6èd̲ɽ̀, l=6èd̲ɽ̀* may also be used in the meaning 'many' (they contain the same root as 'big' q.v.).

Warnang: Schadeberg 1981: 39. Used with the prefix *ɕ=*.

Logol: Schadeberg 1981: 39. Used with the prefix *ʒ=*.

53. MEAT

Rere Koalib *y=í:ðì* (1), Ebang *ʒ=ì* (1), Abul *í:ðì* (1), Laru *ŋúd̲í* (1), Utoro *ʒ=íd̲ì* (1), Shirumba *ðír=ðíà* (1), Tiro *r̀=ðɛ̀* (1), Moro *r̀=ðà* (1), Ko *ɕ=ʋ̀ɣɛ̀* (2), Warnang *kír=ðɛ̀* (1), Logol *ʒ=í:* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 40. Singulative: *ṯ=í:ðì*. Quoted as *y=í:ðì* {yíitì} in [Quint 2006: 60].
Ebang: Schadeberg 1981: 40.
Abul: Schadeberg 1981: 40. Listed as *ìðì* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 40.
Utoro: Schadeberg 1981: 40. Plural form. Quoted as *ʒ=ìði* in [Stevenson 2009: 152].
Shirumba: Schadeberg 1981: 40. Plural: *í:=ðíà*.
Tiro: Schadeberg 1981: 40. Plural: *ì:=ðɛ̀*. Quoted as *e=ḏɛ* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 40. Plural: *ɛ̀:=ðà*. Quoted as sg. *ər=ða*, pl. *e=ðe* in [Black 1971: 148].
Ko: Schadeberg 1981: 40.
Warnang: Schadeberg 1981: 40.
Logol: Schadeberg 1981: 40.

54. MOON

Rere Koalib *ʎwwʎ̀* (1), Ebang *g=ùwâ* (1), Abul *g=ùwà* (1), Laru *ṯ=úwá* (1), Utoro *ùwà* (1), Shirumba *ʎ́wwà* (1), Tiro *ù:wʊ̀* (1), Moro *ùβʷà* (1), Ko *ùì* (1), Warnang *áwì* (1), Logol *ùwɔ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 40. Plural: *y=ʍwʊ̀* Polysemy: 'moon / month'. Quoted as *éwwè* 'moon' in [Quint 2006: 70].
Ebang: Schadeberg 1981: 40. Plural: *l=ùwâ*. Quoted as sg. *kw=uwa*, pl. *l=uweo* in [Meinhof 1944: 97].
Abul: Schadeberg 1981: 40.
Laru: Schadeberg 1981: 40. Plural: *ŋ=úwá*. Quoted as *d=úwʊ* in [Kuku 2012: 28].
Utoro: Schadeberg 1981: 40. Plural: *l=ùwà*. Quoted as sg. *uwo*, pl. *l=uwo* (Kwijur sg. *uwa*, pl. *l=uwa*) 'moon, month' in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 40.
Tiro: Schadeberg 1981: 40. Quoted as sg. *uwo*, pl. *n=uwo* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 40. Plural: *n=ùβʷà*. Quoted as sg. *ubwa*, pl. *n=ubwa* in [Black 1971: 150].
Ko: Schadeberg 1981: 40. Plural: *l=ùì*.
Warnang: Schadeberg 1981: 40.
Logol: Schadeberg 1981: 40. Plural: *l=ùwʊ ~ l=ùwʊ=yú*.

55. MOUNTAIN

Rere Koalib *àyyìn* (1), Ebang *l=ɛ̀n* (1), Abul *l=ɛ̀n* (1), Laru *k=ɛ̀:nù* (1), Utoro *l=rɔ̀gɔ̀m* (2), Shirumba *l=úḏmùr* (3), Tiro *ɕìṯɔ̀* (4), Moro *à:yɛ́n* (1), Ko *k=ə̀dâ* (5), Warnang *k=ɔ́:ɽù* (6), Logol *l=àfìyɛ̀ɲ* (7).

References and notes:

Rere Koalib: Schadeberg 1981: 40. Plural: *y=àyyìn*. Quoted as *àèn* in [Quint 2006: 209].
Ebang: Schadeberg 1981: 40. Plural: *ŋw=ɛ̀n*. Quoted as sg. *l=en*, pl. *ŋw=en* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 40. Plural: *ŋw=ɛ̀n*.
Laru: Schadeberg 1981: 40. Plural: *y=ɛ̀:nù*. Singular form quoted as *g=ɛ̀n* in [Kuku 2015: 5]; Plural form quoted as *y=ɛ̀n* in [Kuku 2012:

28].

Utoro: Schadeberg 1981: 40. Plural: *ŋù=rgɔ̀m*. Cf. sg. *l=dori*, pl. *ŋw=udori* 'hill' in [Stevenson 2009: 150]; however, the Kwijur form is listed as sg. *l=rɔgɔm*, pl. *ŋw=urgɔm* (cf. also Orombe sg. *l=rɔgwɔm*, pl. *ŋw=ɔrgwɔm*), corresponding to Schadeberg's data.
Shirumba: Schadeberg 1981: 40. Plural: *ŋ=úḏmùr*.
Tiro: Schadeberg 1981: 40. Cf. sg. *l=dori*, pl. *ŋ=ɔdori* 'hill' in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 40. Quoted as *aiyɔn* in [Black 1971: 149].
Ko: Schadeberg 1981: 40. Plural: *ɕ=ɐ̀ɾ̀à*.
Warnang: Schadeberg 1981: 40. Plural: *kɔ̀r ɔ́ɾù*.
Logol: Schadeberg 1981: 40. Plural: *ŋw=ɔ̀fiyɛ̀ɲ*.

56. MOUTH

Rere Koalib *r=ú:ɲù* (1), Ebang *ŋw=í:ɲû* (1), Abul *ŋú=ɲú* (1), Laru *ŋw=íɲú* (1), Utoro *l=úɲú* (1), Shirumba *í:ɲɔ́* (1), Tiro *l=ɔ̀:ɲà* (1), Moro *áɲɔ̀à* (1), Ko *ṱ=ǝ̀mʋ̀* (1), Warnang *ɔ̀:ɲɔ̀* (1), Logol *ḏ=ùɲú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 40. Formally a plural form; the singulative *ṱ=ú:ɲù* is glossed as 'lip'. Cf. also the adverbial expression *kw ɔ́rànà* 'in the mouth' [ibid.]. In [Quint 2006: 32], the equivalent for 'mouth' is *kw ɔ́r ̣*, but cf. also *t=ú:ɲù* 'mouth' in [Quint 2006: 68].
Ebang: Schadeberg 1981: 40. Formally a plural form; the singulative *l=í:ɲû* is glossed as 'lip'.
Abul: Schadeberg 1981: 40. Formally a plural form; the singulative *lí=ɲú* is glossed as 'lip'. Cf. also the adverbial expression *gwɔ̀rɔ̀m* 'in the mouth' [ibid.]. Listed as pl. *ŋ=úɲú* 'mouth', sg. *l=úɲú* 'lip' in Fadlalla's idiolect.
Laru: Schadeberg 1981: 40. Formally a plural form; the singulative *l=íɲú* is glossed as 'lip'. Cf. also the adverbial expression *ɲúlɛ́m* 'in the mouth' [ibid.].
Utoro: Schadeberg 1981: 40. Plural: *ŋ=úɲú*. Quoted as sg. *l=iɲu*, pl. *ŋw=uɲu* (Kwijur sg. *l=uɲu*, pl. *ŋw=uɲu*) 'lip (upper), mouth' in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 40. Formally a plural form; the singular form *l=í:ɲ ɔ́is* glossed as 'lip'. Quoted as *ìɲà* 'mouth' in [Guest et al. 1998: 3].
Tiro: Schadeberg 1981: 40. Plural: *ŋ=ɔ̀:ɲà*. Quoted in the plural form as *ŋ=ɔɲɔ* 'mouth (lit. lips)' in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 40. Quoted as *ɛiɲua* in [Black 1971: 149].
Ko: Schadeberg 1981: 40. Plural: *d̠= ɐnʋ̀*.
Warnang: Schadeberg 1981: 40. Plural: *ɕ=ɔ̀:ɲɔ̀*.
Logol: Schadeberg 1981: 40. Plural: *d̠=ùɲú*.

57. NAME

Rere Koalib *y=ì:rìŋ* (1), Ebang *ʒ=íríɲ* (1), Abul *íríɲ* (1), Laru *ŋú=rìɲ* (1), Utoro *ʒ=íríɲ* (1), Shirumba *íríɲ* (1), Tiro *ì:=rì* (1), Moro *irɔŋ #* (1), Ko *ɕ=ìríɲ* (1), Warnang *k=íríɲ* (1), Logol *ʒ=ìrìɲ* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 40. Quoted as *y=ì:rìɲ* in [Quint 2006: 86].
Ebang: Schadeberg 1981: 40. Quoted as *ʒ=iriɲ* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 40.

Laru: Schadeberg 1981: 40.
Utoro: Schadeberg 1981: 40. Quoted as ʒ=iri (Kwijur ʒ=iriŋ) in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 40.
Tiro: Schadeberg 1981: 40. Plural: ǹ=drì. Quoted as sg. i=ri, pl. nd=ri in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 40; Black 1971: 151. Plural: ndrəŋ. Schadeberg does not list any forms from his own informants and quotes the equivalent from Black's material instead.
Ko: Schadeberg 1981: 40.
Warnang: Schadeberg 1981: 40.
Logol: Schadeberg 1981: 40.

58. NECK

Rere Koalib *kù=rɔ̀m* (1), Ebang *kú=dɔ́m ~ kwí=dɔ́m* (1), Abul *gú=rrɔ́m* (1), Laru *l=úgɽɔ́* (2), Utoro *gú=rɔ́m* (1), Shirumba *ʋ̀ḍàm* (1), Tiro *ìttàm* (1), Moro *ɛ̀=ṭám* (1), Ko *ʋ̀=ḍúm ~ wʋ̀=ḍúm* (1), Warnang *à=ṭàm* (1), Logol *g=ùθɔ́m* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 41. Plural: *l=rɔ̀m*.
Ebang: Schadeberg 1981: 41. Plural: *lí=dɔm*.
Abul: Schadeberg 1981: 41. Plural: *ĺ=rɔm*. Differently in Fadlalla's idiolect: sg. *g=úllꞵ*, pl. *ŋ=úllꞵ* 'neck'.
Laru: Schadeberg 1981: 41. Plural: *ŋ=úgɽɔ́ ~ y=úgɽɔ́* According to Schadeberg, distinct from *ṭ=ùllù* 'front of neck'.
Utoro: Schadeberg 1981: 41. Plural: *ŕ=rɔm*. The Kerindi variant is listed as sg. *k=úrɔm*, pl. *l=úrɔm*. Differently in [Stevenson 2009: 320]: sg. *ð=idi*, pl. *d=idi* (Orombe sg. *ð=idiŋ*, pl. *d=idiŋ*).
Shirumba: Schadeberg 1981: 41. Plural: *n=ʋ̀ḍàm*. Meaning listed as 'front of neck', so the word is formally opposed to *ìrdìŋ ~ r̀dìŋ* 'neck', but it is unclear just how accurate the semantic glossing is in this case. Cf. *x=òṭàm* 'neck' in [Guest et al. 1998: 9].
Tiro: Schadeberg 1981: 41. Plural: *n=ìttàm*. Quoted as *iṭam* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 41. Plural: *ǹ=ṭám*. Quoted as sg. *e=tam*, pl. *n=tam* in [Black 1971: 151].
Ko: Schadeberg 1981: 41. Plural: *l=ḍám*.
Warnang: Schadeberg 1981: 41. Plural: *ɕì=ṭàm*.
Logol: Schadeberg 1981: 41. Plural: *l=ùθɔm*.

59. NEW

Rere Koalib *=ì:yàŋ* (1), Ebang *=íyàŋ* (1), Abul *=íyàŋ* (1), Laru *=yáŋ* (1), Utoro *=íyâŋ* (1), Shirumba *pàgéḍàn* (2), Tiro *=àmbɽɔ̀* (3), Moro *=màʒɛ́n* (4), Ko *=ìyà* (1), Warnang *=ɛ́yyà* (1), Logol *=ìyáŋ* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 41. Used with prefixes *k=*, *y=*.
Ebang: Schadeberg 1981: 41. Used with the prefix *g=*. Quoted as *=iɲaŋ* in [Meinhof 1944: 104].
Abul: Schadeberg 1981: 41. Used with the prefix *g=*.
Laru: Schadeberg 1981: 41. Used with prefixes *ki=*, *ŋʋ=*.
Utoro: Schadeberg 1981: 41. Used with the prefix *gw=*. Quoted as *iya* (Kwijur *iyaŋ*, Orombe *iyan*) in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 41.

Tiro: Schadeberg 1981: 41. Used with the prefix *ð=*. Differently in [Stevenson 2009: 111]: *=imilo* 'new'.
Moro: Schadeberg 1981: 41. Used with the prefix *ka=*. Quoted as *maiʒən* in [Black 1971: 151].
Ko: Schadeberg 1981: 41. Used with the prefix *k=*.
Warnang: Schadeberg 1981: 41. Used with prefixes *g=*, *r=*.
Logol: Schadeberg 1981: 41. Used with the prefix *g=*.

60. NIGHT

Rere Koalib *k=ìlkɛ́ːlù* (1), Ebang *g=ílɛ̀y* (1), Abul *g=ðlɛ́y* (1), Laru *ṯ=úlùŋ* (1), Utoro *g=ílíyɔ̀ŋ* (1), Shirumba *àlíːlíâ* (2), Tiro *ùlíŋgɛ̂* (1), Moro *ʋ̀lʋ̀ŋgí* (1), Ko *g=ʋ̀lɔ̀ːgí* (1), Warnang *á:lìŋù* (1), Logol *g=ʋ̀lɔ̀ːgí* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 41. Quoted as *kìlkêlù* in [Quint 2006: 139].
Ebang: Schadeberg 1981: 41.
Abul: Schadeberg 1981: 41.
Laru: Schadeberg 1981: 41.
Utoro: Schadeberg 1981: 41. Quoted as sg. *g=ili*, pl. *ʒ=ili* 'night' (cf. also *g=ili-o* 'at night' = Kwijur *g=ili-aŋ* id.) in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 41. Schadeberg tentatively identifies the word as a borrowing from Arabic, but this is not certain.
Tiro: Schadeberg 1981: 41. Quoted as *uliŋgɛ* in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 41. Cf. *uləŋgələŋ* 'night all' (sic!) in [Black 1971: 151].
Ko: Schadeberg 1981: 41.
Warnang: Schadeberg 1981: 41.
Logol: Schadeberg 1981: 41.

61. NOSE

Rere Koalib *l=áðùlù* (1), Ebang *l=áːḏùn* (1), Abul *l=àːḏùn* (1), Laru *k=àːḏìl* (1), Utoro *g=áːḏálú* (1), Shirumba *àːḏàlɔ̀* (1), Moro *áðɔ́lá* (1), Ko *k=ɛ́yʋ̀n* (1), Warnang *àɾùðɔ̀* (2), Logol *l=ùyùl* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 41. Plural: *ŋw=áðùlù*. Quoted as *ŋw=àðló* {ŋwàtló} in [Quint 2006: 14].
Ebang: Schadeberg 1981: 41. Plural: *ŋw=áːḏùn*.
Abul: Schadeberg 1981: 41. Plural: *ŋw=àːḏùn*.
Laru: Schadeberg 1981: 41. Plural: *y=àːḏìl*.
Utoro: Schadeberg 1981: 41. Plural: *ʒ=áːḏálú*. Quoted as sg. *g=aðilɔ*, pl. *ʒ=aðiliɔ* in [Stevenson 2009: 320].
Shirumba: Schadeberg 1981: 41. Plural: *n=àːḏàlɔ̀*. Quoted as *x=ðàlà ~ x=àðàlà* in [Guest et al. 1998: 2, 3].
Tiro: Not attested in Schadeberg's data. Cf. *aḏilɔ* 'nose' in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 41. Plural: *n=áð ɓá*. Quoted as sg. *aðəlwa*, pl. *n=aðəlwa* in [Black 1971: 151].
Ko: Schadeberg 1981: 41. Plural: *ɕ=ɛ́yʋ̀n*.
Warnang: Schadeberg 1981: 41. Plural: *ɕ=àɾùðɔ̀*.
Logol: Schadeberg 1981: 41. Plural: *ɲ=ùyùl*.

62. NOT

Ebang *=ati* # (1), Tiro *de* # (1), Moro *ger-* (2).

References and notes:

Rere Koalib: Not attested.
Ebang: Meinhof 1944: 113. Not attested in Schadeberg's sources. Meinhof defines this negative morpheme as an auxiliary verb, combining with concordial prefixes (e. g. class 1 *gw=ati*, class 2 *l=ati*, etc.).
Abul: Not attested.
Laru: Not attested.
Utoro: Not attested.
Shirumba: Not attested.
Tiro: Stevenson 2009: 79. Basic postpositional particle of negation. Not attested in Schadeberg's data.
Moro: Black 1971: 69. Negative auxiliary verb ('not to be'). The attested forms are *ger-o* (mainly past tense), *ger-ṯe* (imperative and future), and *gaber* (present or future). Not attested in Schadeberg's materials.
Ko: Not attested.
Warnang: Not attested.
Logol: Not attested.

63. ONE

Rere Koalib *kw=ʌ́ttɛ̀* (1), Ebang *gw=ɛ̀tìpɔ̀* (1), Abul *gw=ɔ̀dìppɔ̂* (1), Laru *gw=ɛ̀ttɛ̀* (1), Utoro *gw=ɛ̀ːdɔ̀ŋ* (1), Shirumba *ìṯṯíβɔ́* (1), Tiro *k=ɛ̀nnɛ̀* (2), Moro *k=ʊ̀ntʊ̀* (2), Ko *ṯ=ákkàn* (3), Warnang *ŋ=úttɔ̀* (1), Logol *gw=áṯṯɛ̀* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 56. Quoted as *=éṯṯé* in [Quint 2006: 8].
Ebang: Schadeberg 1981: 56. Quoted as *=etipo* in [Meinhof 1944: 105].
Abul: Schadeberg 1981: 56.
Laru: Schadeberg 1981: 56. Quoted as *g=ɛ̀ṯɛ̀-pʋ́* in [Kuku 2015: 7].
Utoro: Schadeberg 1981: 56. Quoted as *gw=ɛtɛ ~ gw=ɛti-dɔ* in [Stevenson 2009: 204].
Shirumba: Schadeberg 1981: 56.
Tiro: Schadeberg 1981: 56. Quoted as *=ɛnɛ* in [Stevenson 2009: 48].
Moro: Schadeberg 1981: 56. Quoted as *g=unto* in [Black 1971: 152].
Ko: Schadeberg 1981: 56.
Warnang: Schadeberg 1981: 56.
Logol: Schadeberg 1981: 56.

64. PERSON

Rere Koalib *kw=ìʒì* (1), Ebang *gw=ìʒì* (1), Abul *gw=ìʒí* (1), Laru *ṯ=íʒì* (1), Utoro *gw=ìʒì* (1), Shirumba *ìːʒì* (1), Tiro *ùːʒì* (1), Moro *ɛ̀=ðá* (2), Ko *k=íó* (3), Warnang *ŋɛ́ɲ* (4), Logol *ŋ=ɔ̀ːnɔ́* (5).

References and notes:

Rere Koalib: Schadeberg 1981: 42. Plural: *l=ìʒì*.
Ebang: Schadeberg 1981: 42. Plural: *l=ìʒì*. Quoted as sg. *kw=iʒi*, pl. *l=iʒi* in [Meinhof 1944: 97].
Abul: Schadeberg 1981: 42. Plural: *l=ʒí*.
Laru: Schadeberg 1981: 42. Plural: *ŋw=ìʒì*. Quoted as sg. *d=ìʒì*, *ŋʷ=ùʒì* in [Kuku 2015: 4].
Utoro: Schadeberg 1981: 42. Plural: *l=ìʒì*. Quoted as sg. *gw=iʒi*, pl. *l=iʒi* (Kwijur sg. *w=iʒi*, pl. *l=iʒi*; Orombe sg. *gw=uʒi*, pl. *l=iʒi*) in [Stevenson 2009: 321].
Shirumba: Schadeberg 1981: 42. Plural: *l=ì:ʒì*.
Tiro: Schadeberg 1981: 42. Plural: *l=ìʒì*. Quoted as sg. *w=uʒi*, pl. *l=iʒi* in [Stevenson 2009: 19].
Moro: Schadeberg 1981: 42. Plural: *l=ðá*. Quoted as sg. *e=ða*, pl. *le=ða* in [Black 1971: 154].
Ko: Schadeberg 1981: 42. Suppletive plural: *l̵=mí*.
Warnang: Schadeberg 1981: 42. Suppletive plural: *ɕìríŋ*.
Logol: Schadeberg 1981: 42. Plural: *ʒ=ɔ̀:n̵*.

65. RAIN

Rere Koalib *k=âw* (1), Ebang *k=âw* (1), Abul *g=âw* (1), Laru *kə́=ɽáɲ* (2), Utoro *g=âw* (1), Shirumba *áwwà* (1), Tiro *l=ɔ́:mɛ̂* (3), Moro *rə̀mʷà* (4), Ko *k=ìàw* (1), Warnang *âw* (1), Logol *k=áw* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 42. Same root as 'water' q.v. Quoted as *k=âo* in [Quint 2006: 8].
Ebang: Schadeberg 1981: 42.
Abul: Schadeberg 1981: 42.
Laru: Schadeberg 1981: 42.
Utoro: Schadeberg 1981: 42. Quoted as *g=au* in [Stevenson 2009: 151].
Shirumba: Schadeberg 1981: 42.
Tiro: Schadeberg 1981: 42. Same root as in 'cloud' q.v. ('cloud' is the plural form of 'rain'). Quoted as sg. *l=ɔmɛ*, pl. *ŋw=ɔmɛ* in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 42. Homonymous with 'snake' (?). Quoted as *rəmwa* in [Black 1971: 158].
Ko: Schadeberg 1981: 42.
Warnang: Schadeberg 1981: 42.
Logol: Schadeberg 1981: 42.

66. RED

Rere Koalib *=ú:rì* (1), Ebang *=ʋ̀:rɛ̀* (1), Abul *=ù:rɛ̀* (1), Laru *=ú:rì* (1), Utoro *=ùrɛ̀ɲ ~ =ùrrɛ̀ɲ* (1), Shirumba *wɛ̀:rɛ̀* (1), Tiro *=ʋ̀rì* (1), Moro *=ʋ̀:rí* (1), Ko *=ɔ́:rí pɸìddìr* (1), Warnang *=ù:rí* (1), Logol *=ù:rí* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 43. Used with prefixes *k=*, *y=*. Quoted as *=ò:rè* 'to be red' in [Quint 2006: 9].
Ebang: Schadeberg 1981: 43. Used with the prefix *g=*.

Abul: Schadeberg 1981: 43. Used with prefixes *g=*, *l=*.
Laru: Schadeberg 1981: 43. Used with prefixes *k=*, *y=*.
Utoro: Schadeberg 1981: 43. Used with the prefix *gw=*. Quoted as *orɛ* in [Stevenson 2009: 321].
Shirumba: Schadeberg 1981: 43.
Tiro: Schadeberg 1981: 43. Used with the prefix *k=*. Quoted as *=uri* in [Stevenson 2009: 19]; as *=ori* in [Stevenson 2009: 47].
Moro: Schadeberg 1981: 43. Used with the prefix *k=*. Quoted as *g=ore* in [Black 1971: 158].
Ko: Schadeberg 1981: 43. Used with the prefix *k=*. Complex form (second component is not quite clear).
Warnang: Schadeberg 1981: 43. Used with the prefix *ŋ=*.
Logol: Schadeberg 1981: 43. Used with the prefix *g=*.

67. ROAD

Rere Koalib *t̠=ɛ̂* (1), Ebang *d̠=ày* (1), Abul *d̠=ày* (1), Laru *k=ày* (1), Utoro *d̠=áy* (1), Shirumba *ð=àd̠* (1), Tiro *ð=àð* (1), Moro *θ=à:θ* (1), Ko *t̠=ʊ́ ~ t̠=ʊ́l* (2), Warnang *à=ð̞ɔːɲɔ́* (3), Logol *d̠=ɛ́y* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 43. Plural: *r=ɛ̂*. Quoted as *t=áe* in [Quint 2006: 48].
Ebang: Schadeberg 1981: 43. Plural: *d=ày*. Quoted as sg. *d̠=ai*, pl. *d=ai* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 43. Plural: *r=ày*.
Laru: Schadeberg 1981: 43. Plural: *ŋw=ày*.
Utoro: Schadeberg 1981: 43. Plural: *d=áy*. The Kerindi variant is listed as sg. *t̠=át̠*, pl. *d=áθ*. Quoted as sg. *t̠=að*, pl. *d=að* (Kwijur sg. *ð=að*, pl. *d=að*; Orombe sg. *t̠=at̠*, pl. *d=at̠*) in [Stevenson 2009: 322].
Shirumba: Schadeberg 1981: 43. Plural: *r=àr*.
Tiro: Schadeberg 1981: 43. Plural: *r=àð*. Quoted as sg. *d̠=at̠*, pl. *r=at̠* in [Stevenson 2009: 24].
Moro: Schadeberg 1981: 43. Plural: *r=à:θ*. Quoted as *ð=að* 'path' in [Black 1971: 154].
Ko: Schadeberg 1981: 43. Plural: *d=ʊ́ ~ d=ʊ́l*.
Warnang: Schadeberg 1981: 43. Plural: *ɕɔ̀=ð̞ɔ̀ːɲ ɔ́*
Logol: Schadeberg 1981: 43. Plural: *d=ɛ́y*.

68. ROOT

Rere Koalib *t̠=àːmù* (1), Ebang *d̠=ùâ* (2), Abul *d̠=ʋ̀wà* (2), Laru *g=úwá* (2), Utoro *d̠ə̀=rɔ̀* (3), Tiro *ð=ìdʋ̀ɽì* (4), Moro *θ=ʋ̀ndàlii̯à* (5), Ko *t̠=áù* (2), Warnang *ú* (2), Logol *d̠=ùwà* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 43. Plural: *r=àːmù*. Quoted as *t=èːmú* in [Quint 2006: 55].
Ebang: Schadeberg 1981: 43. Plural: *d=ùâ*. Quoted as pl. *d=uwa* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 43. Plural: *r=ùwà*.
Laru: Schadeberg 1981: 43. Plural: *ŋ=úwá*. Quoted as *g=ʋ́wá* in [Kuku 2012: 28].
Utoro: Schadeberg 1981: 43. Plural: *d=rɔ̀*. The Kerindi variant is listed as sg. *d̠á=rwà*, pl. *d=ŕwà*.
Shirumba: Not attested.
Tiro: Schadeberg 1981: 43. Plural: *ìdʋ̀ɽì*.
Moro: Schadeberg 1981: 43. Plural: *ʋ̀ndàlʉ̂ ~ n=ʋ̀ndàlʉ̂*. Quoted as sg. *ð=ərldia ~ urldia*, pl. *urldia ~ n=urldia* in [Black 1971: 160].
Ko: Schadeberg 1981: 43. Plural: *d=áù*.

Warnang: Schadeberg 1981: 43. Plural: *ç=ú*.
Logol: Schadeberg 1981: 43. Plural: *d=ùwà*.

69. ROUND

Ebang *líwàḏὲŋ* (1), Abul *=rl=à:lù* (2), Utoro *=rldɔ̀ŋ* (2), Shirumba *àrlɔ̀:ɽɔ̀* (2), Tiro *=ὺrdὺ* (2), Moro *=ṯὺr-á:nú* (3).

References and notes:

Rere Koalib: Not attested.
Ebang: Schadeberg 1981: 44.
Abul: Schadeberg 1981: 44. Used with prefixes *gu=, gi=*.
Laru: Not attested.
Utoro: Schadeberg 1981: 44. Used with the prefix *gwù=*.
Shirumba: Schadeberg 1981: 44.
Tiro: Schadeberg 1981: 44. Used with the prefix *k=*.
Moro: Schadeberg 1981: 44. Used with the prefix *yà=*. Differently in [Black 1971: 160]: *ge=reðeðo* 'to be round (adj.)'.
Ko: Not attested.
Warnang: Not attested. Schadeberg indicates that the word is borrowed from Arabic.
Logol: Not attested. Schadeberg indicates that the word is borrowed from Arabic.

70. SAND

Rere Koalib *ŋ=á:ɲà* # (1), Ebang *àmûr* (2), Abul *ὺmûr* (2), Laru *ṯ=íʒíçҫír* (3), Utoro *ámùɽù* (2), Shirumba *ḏ=íʒàw* (4), Tiro *ð=ὲvɛ̂* (5), Moro *ὲːβíá* (5), Ko *k=ɔ̀yùm* (6).

References and notes:

Rere Koalib: Quint 2006: 68. In our main source, the meaning 'sand' is rendered as *kùβύrṭà* [Schadeberg 1981: 44], which is very dubious, since it is really the same word as 'river' (in the same list), and such a polysemy is highly unlikely. For this reason, we prefer to trust [Quint 2006] over Schadeberg's entry.
Ebang: Schadeberg 1981: 44.
Abul: Schadeberg 1981: 44. Listed as *àmrâ* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 44.
Utoro: Schadeberg 1981: 44. Quoted as *amuɽ* (Kwijur *amuɽu*) in [Stevenson 2009: 322].
Shirumba: Schadeberg 1981: 44.
Tiro: Schadeberg 1981: 44. Quoted as *ḏ=ivɛ* in [Stevenson 2009: 112].
Moro: Schadeberg 1981: 44. Quoted as *ebe* in [Black 1971: 162].
Ko: Schadeberg 1981: 44.
Warnang: Not attested. Schadeberg indicates that the word is borrowed from Arabic.
Logol: Not attested. Schadeberg indicates that the word is borrowed from Arabic.

71. SAY

Rere Koalib *à:r-ù* (1), Abul *à:r-ὺ* (1), Laru *à:r-ù* (1), Utoro *à:r-ù* (1), Shirumba *ùm-ɛ́ḏì* (2),

Tiro *lɔ́ːɽ-ɔ̂* (3), Moro *g=ɔ̀ːɽáttá* (1), Ko *bɔ́ɽ-ɔ́* (4), Warnang *àrà-ðá* (1), Logol *áːr-ú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 45. Imperative form. Cf.: *nòŋw=àːr-é* 'and he says' in [Quint 2006: 172].
Ebang: Not attested.
Abul: Schadeberg 1981: 45. Imperative form.
Laru: Schadeberg 1981: 45. Imperative form. Cf. a different root in [Kuku 2012: 30]: *ɕí* 'to say'.
Utoro: Schadeberg 1981: 45. Imperative form. Quoted as 1st and 2nd stem *ar-nɔ* in [Stevenson 2009: 236].
Shirumba: Schadeberg 1981: 45. Imperative form. Polysemy: 'to say / to speak'.
Tiro: Schadeberg 1981: 45. Imperative form. Polysemy: 'to say / to speak'. Cf. *lɔɽ-ɔ* (definite stem), *lɔɽ-a* (indefinite stem) 'to say' in [Stevenson 2009: 61].
Moro: Schadeberg 1981: 45. 3rd p. sg. form. Differently in [Black 1971: 162]: imperative *aṭa*, pres. *ga=b=aṭa*.
Ko: Schadeberg 1981: 45. Imperative form.
Warnang: Schadeberg 1981: 45. Imperative form.
Logol: Schadeberg 1981: 45. Imperative form.

72. SEE

Rere Koalib *íːʒ-à* (1), Ebang *áŋ-ɛ̀dì* (2), Abul *gw=àŋ-àðì* (2), Laru *àŋg-ɛ̀d̪í* (2), Utoro *àŋ-ɛ́d̪ì* (2), Shirumba *àmáš-ɔ̀* (3), Tiro *nɔ́n-ɔ̂* (4), Moro *sɛ́ːy-d̪ù* (5), Ko *íyú* (1), Warnang *mà-yû* (6), Logol *sɛ́ː-d̪ì* (5).

References and notes:

Rere Koalib: Schadeberg 1981: 45. Imperative form.
Ebang: Schadeberg 1981: 45. Imperative form.
Abul: Schadeberg 1981: 45. Listed as *m=àŋ-á* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 45. Imperative form. Another listed equivalent is *ɔ̀mb-áʒú* 'see!', semantic difference unknown.
Utoro: Schadeberg 1981: 45. Imperative form. Also *ŋáːl-ù* id. (semantic difference unclear). Quoted as 1st stem *aŋ-ɵði*, 2nd stem *aŋ-u* in [Stevenson 2009: 235].
Shirumba: Schadeberg 1981: 45. Imperative form.
Tiro: Schadeberg 1981: 45. Imperative form. Imperative form quoted as sg. *nɔnɔ*, pl. *nɔnɔ-r* in [Stevenson 2009: 62], but with the meaning 'to look at'. The verb 'to see' is glossed differently: *aŋ-o* (imperative), *g=aŋ-a* (1 sg. indefinite).
Moro: Schadeberg 1981: 45. Imperative form. Quoted as *sei-ɕu*, pres. *ga=sei-ɕia* in [Black 1971: 163]. Cf. also *nwanɘð-o* 'to see (examine, test a place)' [ibid.].
Ko: Schadeberg 1981: 45. Imperative form.
Warnang: Schadeberg 1981: 45. Imperative form.
Logol: Schadeberg 1981: 45. Imperative form.

73. SEED

Ebang *ŋ=ʋ́ːláŋ* (1), Abul *l=ʋ̀ːlàŋ* (1), Laru *k=ʋ́ːlá* (1), Utoro *ŋ=àːɽ̣ì* (2), Shirumba *n=àːɽ̣ɛ̀* # (2), Tiro *ŋ=ùlà* (1), Moro *l=ðɔ́bɽá* (3), Ko *l=ʋ̀ːɽá* (1), Warnang *ʋ̀ːɽá* (1).

References and notes:

Rere Koalib: Not attested. Said to be borrowed from Arabic.

Ebang: Schadeberg 1981: 45.

Abul: Schadeberg 1981: 45. Plural: *ʋ̀:làŋ* (*ŋ=ʋ̀:làŋ* in Fadlalla's idiolect).

Laru: Schadeberg 1981: 45. Plural: *y=ʋ́:lá*.

Utoro: Schadeberg 1981: 45. Plural: *ɲ=à:ɽì*. Polysemy: 'seed / fruit / child'. Seems to be the same root as 'tree' q.v.? The Kerindi variant is different: *k=ɛ́:ɽâw* 'seed'. Cf. also sg. *g=eɽɔ*, pl. *ʒ=eɽɔ* (Orombe sg. *g=eɽou*, pl. *ʒ=eɽou*) 'seed' in [Stevenson 2009: 322].

Shirumba: Schadeberg 1981: 45. Polysemy: 'seed / fruit'. Seems to be the same root as 'tree' q.v.? Somewhat dubious, especially because the equivalent in [Guest et al. 1998: 2] is different and agrees better with external data: *ŋ=ò:làŋ* 'seeds' (pl.).

Tiro: Schadeberg 1981: 45.

Moro: Schadeberg 1981: 45. Plural: *ŋ ɟ̌ð ɓɽá*. Polysemy: 'seed / flower'.

Ko: Schadeberg 1981: 45. Plural: *ŋ=ʋ̀:ɽá*. Polysemy: 'seed / fruit'.

Warnang: Schadeberg 1981: 45. Plural: *ɕ=ʋ̀:ɽá*.

Logol: Not attested.

74. SIT

Rere Koalib *nánn=àlù* (1), Ebang *gwì=ʒ-á:lɔ̀* (2), Abul *ʒá:-lù* (2), Laru *ìʒá:-lù* (2), Utoro *ʒá:-lù* (2), Shirumba *mìɽ-ɛ́:lɔ̀* (3), Tiro *dí-ɔ̀* (4), Moro *dáŋá:-lù* (5), Ko *ùt̪árgà* (6), Warnang *d̪ɔ̀gá* (4), Logol *ʒígɔ́* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 46. Imperative form. Polysemy: 'to sit / to live'.

Ebang: Schadeberg 1981: 46.

Abul: Schadeberg 1981: 46. Imperative form.

Laru: Schadeberg 1981: 46. Imperative form.

Utoro: Schadeberg 1981: 46. Imperative form. Quoted as 1st stem *ʒe ~ ʒi*, 2nd stem *ʒi* in [Stevenson 2009: 322].

Shirumba: Schadeberg 1981: 46. Imperative form.

Tiro: Schadeberg 1981: 46. Imperative form. Quoted as *di-a t̪a* (imperative), *i=di-ɔ at̪a* (1 sg indefinite) in [Stevenson 2009: 112].

Moro: Schadeberg 1981: 46. Imperative form. Quoted as imperative *ɽaŋ-a*, pres. *ga=ɽaŋ-a* in [Black 1971: 164].

Ko: Schadeberg 1981: 46. Imperative form. 3rd p. sg.: *w=ʋ̀ŋ* (suppletive form).

Warnang: Schadeberg 1981: 46. Imperative form. 3rd p. sg.: *ŋ=gà*.

Logol: Schadeberg 1981: 46. Imperative form.

75. SKIN

Rere Koalib *k=írnà* (1), Ebang *k=ìrnâ* (1), Abul *g=ìrnâ* (1), Laru *t̪ə́=rná* (1), Utoro *g=ə̀rnà* (1), Shirumba *írnà* (1), Tiro *ʌ́:rû* (2), Moro *àrùwà* (2), Ko *lì=ɕɔ́w* (3), Warnang *á=ɕù* (3), Logol *g=ùɽɛ̀y* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 46. Plural: *y=írnà*.

Ebang: Schadeberg 1981: 46. Plural: *ʒ=ìrnâ*.

Abul: Schadeberg 1981: 46. Plural: *ìrnâ*.

Laru: Schadeberg 1981: 46. Plural: *ŋú=rná*.
Utoro: Schadeberg 1981: 46. Plural: *ʒ=ɪrnà*. The Kerindi variant is listed as sg. *k=ŕná*, pl. *ʒ=árná*, but only in the meaning 'skin of animals'; in the meaning 'skin of people', the Kerindi form listed is sg. *á:ŋɛ́nù*, pl. *ʒ=áŋɛ́nù*. Somewhat differently in [Stevenson 2009: 322]: sg. *g=ɵru*, pl. *n=ɵru* 'skin' (cf. also Orombe *g=amugur* id.).
Shirumba: Schadeberg 1981: 46. Plural: *n=írnà*. Cf. *yárù* 'skins' in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 46. Plural: *n=ʌ́:rû*. Complex form listed in [Stevenson 2009: 112]: *ɵlpuru* (first component unclear).
Moro: Schadeberg 1981: 46. Plural: *n=ùrùwà*. Differently in [Black 1971: 164]: *ɛɾi* 'human skin' vs. sg. *ð=ərna*, pl. *erna* 'skin' (gen.).
Ko: Schadeberg 1981: 46. Plural: *ŋ ɟ-ɕ ɟ́w*.
Warnang: Schadeberg 1981: 46. Plural: *ɕú=ɕù*.
Logol: Schadeberg 1981: 46. Plural: *ʒ=ùɾɛ̀y*.

76. SLEEP

Rere Koalib *ì=ndə̀r-ù* (1), Ebang *gù=dr-ɔ́* (1), Abul *ndɽ-ɔ́* (1), Laru *ǹdr-ú* (1), Utoro *ǹdr-ɔ̀* (1), Shirumba *ndr-ɔ́* (1), Tiro *ndr-û* (1), Moro *ndr-v̂* (1), Ko *wú=ndr-ú* (1), Warnang *ŋà=gíʒár* (2), Logol *gwú=dír-ú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 47. Same root as 'to lie' q.v. Quoted as {*è=ntèr-é*} in [Quint 2006: 38].
Ebang: Schadeberg 1981: 47. Same root as 'to lie' q.v. Cf. also *ŋw=àr* 'sleep (noun)' [ibid.]. Quoted as *di=ɖir-e* (infinitive) in [Meinhof 1944: 115].
Abul: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form. Listed as *ì=ndɽ-ɔ̀* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form.
Utoro: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form. The Kerindi variant is listed as *d ɟ-ɔ̀*. Quoted as 1st stem *ɖir-ɔ*, 2nd stem *ɖir-ɛ* (Kwijur *nɖir-ɔ / nɖir-ɛ*) 'to lie down, sleep' in [Stevenson 2009: 319].
Shirumba: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form.
Tiro: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form. Imperative form quoted as sg. *ndro*, pl. *ndro-r* in [Stevenson 2009: 62]. Cf. *ndr-o* (definite stem), *ndr-a* (indefinite stem) in [Stevenson 2009: 61].
Moro: Schadeberg 1981: 47. Same root as 'to lie' q.v. Imperative form. Quoted as *ndr-o*, pres. *ga=ndr-a* in [Black 1971: 164].
Ko: Schadeberg 1981: 47. Same root as 'to lie' q.v. 3rd p. sg. form.
Warnang: Schadeberg 1981: 47. 3rd p. sg. form.
Logol: Schadeberg 1981: 47. Same root as 'to lie' q.v. 3rd p. sg. form.

77. SMALL

Rere Koalib *=àkkúrɛ̂ɲ* (1), Ebang *=íttìŋ* (2), Abul *=ìttí* (2), Laru *=ɔ́:kɔ̀* (1), Utoro *=ttí* (2), Shirumba *=dánùŋɔ̀* (3), Tiro *=dàn* (3), Moro *=ttá* (2), Ko *=ɛ́llíŋ* (4), Warnang *àɲàlîŋ* (4), Logol *=ɔ́gɔ́ŋ* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 47. Used with prefixes: *kw=*, *y=*. Quoted as *ɔ̀kkwóɾɔ̀ɲ* in [Quint 2006: 183].
Ebang: Schadeberg 1981: 47. Polysemy: 'small / few'. Quoted as *=itiŋ* in [Meinhof 1944: 104].
Abul: Schadeberg 1981: 47. Cf. also *l=údúttí* (sg.), *=údúttí* (pl.) 'small' [ibid.]; unclear if this form contains the same root as simple *=ìttí* with an additional prefixal or root component, or if this is a completely different etymon, and if yes, what is its semantic/syntactic

difference from *=ìttí*.

Laru: Schadeberg 1981: 47. Used with prefixes: *k=*, *y=*.

Utoro: Schadeberg 1981: 47. Used with prefixes *gù=* and *ʒì=*. Quoted as *=iti* in [Stevenson 2009: 202].

Shirumba: Schadeberg 1981: 47. Used with prefixes *n=* and zero. Polysemy: 'small / few'.

Tiro: Schadeberg 1981: 47. Used with the prefix *ð ǝ̀*. Quoted as *=idan* in [Stevenson 2009: 47], with a suppletive plural stem: *=lra ~ =ilra* ibid.

Moro: Schadeberg 1981: 47. Used with the prefix *là=*. Polysemy: 'small / few'. Quoted as pres. *ga=ta* 'to be small' in [Black 1971: 164].

Ko: Schadeberg 1981: 47. Used with the prefix *l=*. Suppletive plural form: *=k ɨ́à*.

Warnang: Schadeberg 1981: 47. Plural: *ɕ=ìɲɛ̀:nîŋ*.

Logol: Schadeberg 1981: 47. Used with prefixes: *g=*, *ʒ=*.

78. SMOKE

Rere Koalib *k=ú:lù* (1), Ebang *gw=uluŋw* # (1), Abul *g=úlúŋ* (1), Laru *ṯ=úlù* (1), Utoro *g=úlúm* (1), Shirumba *ḏ=úlù* (1), Tiro *ð=úɔ̀* (2), Moro *θ=úbʷá* (2), Ko *k=ǝ̀lù* (1), Warnang *k=úlú* (1), Logol *g=ùlù* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 47.

Ebang: Schadeberg 1981: 47. This form is not from Schadeberg's own field data, but from an anonymously quoted translation of the New Testament (marked as "NT"). However, it almost precisely coincides with Schadeberg's own *g=úlúŋ* 'dust' [Schadeberg 1981: 29].

Abul: Schadeberg 1981: 47.

Laru: Schadeberg 1981: 47. Plural: *ŋ=úlù*. Quoted as *dǝ=lù* in [Kuku 2012: 28].

Utoro: Schadeberg 1981: 47. Quoted as *g=ulu* (Kwijur *g=uluŋ*) in [Stevenson 2009: 322].

Shirumba: Schadeberg 1981: 47.

Tiro: Schadeberg 1981: 47. Quoted as sg. *ḏ=uwa*, pl. *r=uwa* in [Stevenson 2009: 24].

Moro: Schadeberg 1981: 47. Quoted as *ð=ubwa* in [Black 1971: 165].

Ko: Schadeberg 1981: 47.

Warnang: Schadeberg 1981: 47.

Logol: Schadeberg 1981: 47.

79. STAND

Rere Koalib *í=rl-ù* (1), Ebang *ḏún-ɛ́ḏî* (2), Abul *gú=ḏʊ̀n-ɛ̀ðɛ̀làŋ* (2), Laru *ḏùn-àḏí* (2), Utoro *ṯúḏún-ù* (2), Shirumba *ǝ̀=rl-ɛ́:lɔ̀* (1), Tiro *ḏúr-û* (3), Moro *ðǝ́r-ù* (3), Ko *kúʒùrɛ̀* (4), Warnang *ŋǝ̀=gr-á ṯáwnɔ̀ŋ* (5), Logol *ḏúṯúŋ-gɔ̀* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 48. Imperative form.

Ebang: Schadeberg 1981: 48. Imperative form.

Abul: Schadeberg 1981: 48. Listed as *gwɔ̀=gù=ḏòn-àḏò* in Fadlalla's idiolect.

Laru: Schadeberg 1981: 48. Imperative form.

Utoro: Schadeberg 1981: 48. Imperative form. Quoted as 1st stem *ðuðun-u*, 2nd stem *ðuðun-i* in [Stevenson 2009: 235], with polysemy:

'stand / wait / want'.

Shirumba: Schadeberg 1981: 48. Imperative form.
Tiro: Schadeberg 1981: 48. Imperative form. Cf. *dur-u* (definite stem), *dur-u* (indefinite stem) in [Stevenson 2009: 61].
Moro: Schadeberg 1981: 48. Imperative form. Quoted as imperative *ðər-u*, pres. *ga=ðər-a* in [Black 1971: 167].
Ko: Schadeberg 1981: 48. Imperative form.
Warnang: Schadeberg 1981: 48. 3rd p. sg. Idiomatic expression with unclear structure.
Logol: Schadeberg 1981: 48. Imperative form.

80. STAR

Rere Koalib *t=ʊ̀ːrʊ̀m* (1), Ebang *l=ʊ̀dʊ̀m* (1), Abul *l=úrɔ̀m* (1), Laru *k=úrɔ̀m* (1), Utoro *l=úrɔ́m* (1), Shirumba *l=ʊ́ːd̪ʊ̂m* (1), Tiro *ð=àβà* (2), Moro *θ=ʊ̀ppà* (2), Ko *l=ʊ́t̪áŋ* (3), Warnang *ú:d̪ûm* (1), Logol *l=út̪áŋ* (3).

References and notes:

Rere Koalib: Schadeberg 1981: 49. Plural: *r=ʊ̀ːrʊ̀m*. Quoted as sg. *t=ò:ròm*, pl. *r=ò:ròm* in [Quint 2006: 56].
Ebang: Schadeberg 1981: 49. Plural: *ŋ=ʊ̀dʊ̀m*.
Abul: Schadeberg 1981: 49. Plural: *ŋ=úrɔ̀m*.
Laru: Schadeberg 1981: 49. Plural: *y=úrɔ̀m*.
Utoro: Schadeberg 1981: 49. Plural: *ŋ=úrɱ*. Quoted as sg. *l=urum*, pl. *ŋw=urum* (Kwijur sg. *l=utrum*, pl. *ŋw=utrum*; Orombe sg. *l=urɔm*, pl. *ŋw=urɔm*), with polysemy: 'star / hail' in [Stevenson 2009: 323]. Cf. also sg. *ð=aba*, pl. *ʒ=aba* 'star' (belonging to the "harmful things" class!) in [Stevenson 2009: 153]; semantic difference is unclear.
Shirumba: Schadeberg 1981: 49. Plural: *ŋ=ʊ́ːd̪ʊ̂m*. Quoted as *l=òdʊ̀m* in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 49. Plural: *y=àβà*. Quoted as sg. *d̪=aba*, pl. *y=aba* in [Stevenson 2009: 23].
Moro: Schadeberg 1981: 49. Plural: *r=ʊ̀ppà*. Quoted as sg. *ð=opa*, pl. *r=opa* in [Black 1971: 167].
Ko: Schadeberg 1981: 49. Plural: *ŋ=ʊ́t̪áŋ*.
Warnang: Schadeberg 1981: 49. Plural: *ɕ=ú:d̪ûm*.
Logol: Schadeberg 1981: 49. Plural: *ŋ=út̪áŋ*.

81. STONE

Rere Koalib *k=âl* (1), Ebang *k=ɔ̂l* (1), Abul *gə̀=dɔ́l* (2), Laru *k=ɔ́r* (3), Utoro *g=ádɔ̀l* (2), Shirumba *í=d̪à* (4), Tiro *á:l* (1), Moro *l=ɔ́ándrá* (5), Ko *l=ʊ́ɽí* (6), Warnang *ɔ̂l* (1), Logol *g=ʊ̀dâl* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 49; Quint 2006: 32. Plural: *y=âl*.
Ebang: Schadeberg 1981: 49. Plural: *ɲ=ɔ̂l*. Quoted as sg. *kw=ol*, pl. *ɲ=ol* in [Meinhof 1944: 99].
Abul: Schadeberg 1981: 49. Plural: *í=dɔ̀l*.
Laru: Schadeberg 1981: 49. Plural: *y=ɔ̀r*.
Utoro: Schadeberg 1981: 49. Plural: *ʒ=ádɔ̀l*. The Kerindi variant is listed as sg. *k=ádɔ̀l*, pl. *ɲí=dɔ̀l*. Quoted as sg. *g=idɔl*, pl. *ɲ=idɔl ~ ɲ=ɔl* (Kwijur sg. *g=idɔl*, pl. *ʒ=idɔl*) in [Stevenson 2009: 323].
Shirumba: Schadeberg 1981: 49. Plural: *ń=d̪à*. Quoted as *xá=d̪à ~ x ₌d̪à* in [Guest et al. 1998: 4, 5].
Tiro: Schadeberg 1981: 49. Plural: *n=á:l*. Quoted as sg. *al*, pl. *n=al* in [Stevenson 2009: 22].

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Moro: Schadeberg 1981: 49. Plural: *ŋ= ándrá*. Quoted as sg. *l=wandra*, pl. *ŋ=wandra* in [Black 1971: 167].
Ko: Schadeberg 1981: 49. Plural: *ŋ=úŗí*.
Warnang: Schadeberg 1981: 49. Plural: *ɕ=ɔ̂l*.
Logol: Schadeberg 1981: 49. Plural: *ʒ=ùdâl*.

82. SUN

Rere Koalib *à:ŋùn* (1), Ebang *áŋín* (1), Abul *àɲîn* (1), Laru *l=íɲɛ̀n* (1), Utoro *áɲɛ́n* (1), Shirumba *áɲɛ̂n* (1), Tiro *ɛ́ð=íɲɛ̂n* (1), Moro *àð=íɲíná* (1), Ko *ṯ=ɛ́ŋɔ́n* (1), Warnang *g=í:ŋàn* (1), Logol *ŋɔ̀nàyú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 49. Quoted as *à:ŋwòn* in [Quint 2006: 14].
Ebang: Schadeberg 1981: 49. Quoted as *ayin* in [Meinhof 1944: 101].
Abul: Schadeberg 1981: 49.
Laru: Schadeberg 1981: 49.
Utoro: Schadeberg 1981: 49. Differently in [Stevenson 2009: 152]: *ʒ=aga* 'sun' (for all three dialects). The word *aɲɛn*, pl. *ʒ=iɲɛn* is listed in [Stevenson 2009: 159] with the meaning 'day'.
Shirumba: Schadeberg 1981: 49.
Tiro: Schadeberg 1981: 49. Quoted as *aḏ=iɲɛn*, with polysemy: 'sun / daytime' in [Stevenson 2009: 112].
Moro: Schadeberg 1981: 49. Quoted as *ɛð=ɘɲina* in [Black 1971: 168].
Ko: Schadeberg 1981: 49.
Warnang: Schadeberg 1981: 49.
Logol: Schadeberg 1981: 49.

83. SWIM

Rere Koalib *ì=ppìð-ù k=ì:rú-ŋà* (1), Ebang *gwì=píḏ-í ŋàw* (1), Abul *áṯṯáɕɛ́ ŋàw* (2), Laru *àpɘ̀rkúdú* (3), Utoro *lì=pín-ù* (4), Shirumba *lì=mì:r-ɔ̀ ŋà:r-àŋɔ̀* (5), Tiro *g=àvárg-á* (3), Moro *gà=làð-à nì-ŋâw* (6), Ko *ù=báldán ŋà-yúrí* (7), Warnang *ŋɔ̀=mɔ̀:ðɔ́ ɕú:rù* (8), Logol *sìsí ú:m-ŋáw* (9).

References and notes:

Rere Koalib: Schadeberg 1981: 50. Imperative form. Idiomatic expression; literally = 'beat-river'.
Ebang: Schadeberg 1981: 50. Idiomatic expression; literally = 'beat-water'.
Abul: Schadeberg 1981: 50. Idiomatic expression; second component is 'water', first component (obviously a verbal form) remains unexplained in the source.
Laru: Schadeberg 1981: 50. Imperative form. Morphological segmentation unclear.
Utoro: Schadeberg 1981: 50. 3rd p. sg. The complete idiomatic expression is *lì=pín-ù ŋáw-lɔ̀ŋ*, where the second part is literally 'water-in'.
Shirumba: Schadeberg 1981: 50. 3rd p. sg. Idiomatic expression; literally = 'stay water-in'.
Tiro: Schadeberg 1981: 50. 3rd p. sg. The complete idiomatic expression is *g=àvárg-á ŋâw-gá:rì*, where the second part is literally 'water-in'.
Moro: Schadeberg 1981: 50. 3rd p. sg. Idiomatic expression, where the second component is literally 'in-water'. Cf. *ga=pwa bamba* 'to

swim' in [Black 1971: 168] (internal structure is unclear).

Ko: Schadeberg 1981: 50. 3rd p. sg. Idiomatic expression, where the second component is literally 'water-in'.
Warnang: Schadeberg 1981: 50. 3rd p. sg. Idiomatic expression, where the second component is literally 'water-in'.
Logol: Schadeberg 1981: 50. 3rd p. sg. Idiomatic expression, where the second component is literally 'water'.

84. TAIL

Rere Koalib *ṭ=íà* (1), Ebang *lì=bɛ́r* (2), Abul *lì=βɛ́r* (2), Laru *l=ìyà* (1), Utoro *lɛ̀=pɛ́r* (2), Shirumba *lì=βɛ̂r* (2), Tiro *lə̀=pɛ̂r* (2), Moro *lə̀=pɛ́r* (2), Ko *ṭ=ìà* (1), Warnang *á=yáŋ* (3), Logol *ṭ=ɛ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 50. Plural: *r=íà*. Quoted as *t=êa* in [Quint 2006: 97].
Ebang: Schadeberg 1981: 50. Plural: *ŋù=bɛ́r*.
Abul: Schadeberg 1981: 50. Plural: *ŋù=βɛ́r*.
Laru: Schadeberg 1981: 50. Plural: *ŋw=ìyà*.
Utoro: Schadeberg 1981: 50. Plural: *ŋù=pɛ́r*. Quoted as sg. *li=pɛr*, pl. *ŋw=upɛr* in [Stevenson 2009: 151].
Shirumba: Schadeberg 1981: 50. Plural: *ŋ ə̀βɛ̂r*. Quoted as *l ɛ=fɛr*, pl. *ŋà=fɛr* in [Guest et al. 1998: 3, 5].
Tiro: Schadeberg 1981: 50. Plural: *ŋ ə̀pɛ̂r*. Quoted as sg. *li=pɛr*, pl. *ŋi=pɛr* in [Stevenson 2009: 112].
Moro: Schadeberg 1981: 50. Plural: *ŋ ə̀pɛ́r*. Quoted as sg. *lə=per*, pl. *ŋə=per* in [Black 1971: 169].
Ko: Schadeberg 1981: 50. Plural: *d=ìà*.
Warnang: Schadeberg 1981: 50. Plural: *ɕí=yáŋ*.
Logol: Schadeberg 1981: 50. Plural: *d=ɛ́*.

85. THAT

Rere Koalib *=àlà* (1), Ebang *íb=C=ɛ̀* (2), Abul *=àì ~ =è* (2), Laru *=ɔ́nɛ́* (3), Utoro *=ɔ ~ =ɔ-nɔ* # (3), Shirumba *=ày ~ =èy* (2), Tiro *=ɔn* # (3), Logol *=ɛ́y* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 63. Used with different class concords: cf. *kâl ŋg=àlà* 'that stone', *yìŋ ə̀à k ə̀y=àlà* 'that house'.
Ebang: Schadeberg 1981: 68. The first morpheme *íb=* is a general deixis stem; *=C=* is the concord class morpheme (e. g. *k= ɖdá íb=g=ɛ̀* 'that knife', *ḏ=àr íb=ḏ=ɛ̀* 'that rope').
Abul: Schadeberg 1981: 71. The actual forms are generated, like in Ebang, with the aid of a general deixis stem and a concordial class morpheme. Cf.: *g ɛ=d ɟ bú=g=àì ~ g ɛ=d ɟ bú=g=è* 'that stone', *è=d ɟ bí=y=è* 'those stones', *ŋ=òn mú=ŋ=àì* 'those houses'.
Laru: Schadeberg 1981: 71. The actual forms are generated, like in Ebang, with the aid of a general deixis stem and a concordial class morpheme. Cf.: *k= r ŋg= ɲɛ́* 'that stone', *ṭ=à:ɽì kíḏ= ɲɛ́* 'that tree', *ŋw=à:ɽ úŋw= ɲɛ́* 'those trees'.
Utoro: Not attested in Schadeberg's data. We rely on the information from [Stevenson 2009: 198], where the morpheme *=ɔ(nɔ)* is specified as the principal equivalent for intermediate deixis and *=uwei* 'that yonder' for faraway deixis.
Shirumba: Schadeberg 1981: 84. The quoted example is *ɛ̀:rɛ́ḏ (ə̀)=ɣ=ày ~ (ə̀)=ɣ=èy* "that piece of clothing", where *=ɣ=* "probably is a concord".
Tiro: Not attested in Schadeberg's data. We rely on the information from [Stevenson 2009: 40], where the morpheme *=ɔn* is specified as the principal equivalent for intermediate deixis and *=ai* 'that yonder' for faraway deixis.
Moro: Not attested in Schadeberg's data. Cf. *gakəl* 'that', *gei ~ i=gei* 'that' in [Black 1971: 169].
Ko: Not attested.

Warnang: Not attested.
Logol: Schadeberg 1981: 84. The quoted example is *g=àdɔ̀l g=ɛ́y* "that stone", pl. *ʒ=ìdɔ̀l g=ɛ́y-ʒɛ̀y* "those stones".

86. THIS

Rere Koalib =*ù* (1), Ebang *íb*=C=*à* (2), Abul =*à* (2), Laru =*ɛ́* (2), Utoro =*ɛ* ~ =*ɛ-nɔ* # (2), Shirumba =*ɔ̀* (1), Tiro =*ɛ* # (2), Logol =*ɛ́* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 63. Used with different class concords: cf. *kâl ŋg=ù* 'this stone', *yìŋ ɲ̀à k ɟ=ù* 'this house'.
Ebang: Schadeberg 1981: 68. The first morpheme *íb=* is a general deixis stem; =*C=* is the concord class morpheme (e. g. *k= ɖdá íb=g=à* 'this knife', *ḏ=àr íb=ḏ=à* 'this rope').
Abul: Schadeberg 1981: 71. The actual forms are generated, like in Ebang, with the aid of a general deixis stem and a concordial class morpheme. Cf.: *g ɟ=d ɟ bú=g=à* 'this stone', *è=d ɟ bí=y=à* 'these stones', *ŋ=òn mú=ŋ=à* 'these houses'.
Laru: Schadeberg 1981: 71. The actual forms are generated, like in Ebang, with the aid of a general deixis stem and a concordial class morpheme. Cf.: *k= ɾ ŋg=ɛ́* 'this stone', *ṯ=à:ɾì kíḏ=ɛ́* 'this tree', *ŋw=à:ɾ úŋw=ɛ́* 'these trees'.
Utoro: Not attested in Schadeberg's data. We rely on the information from [Stevenson 2009: 198], where the morpheme =*ɛ(nɔ)* is specified as the principal equivalent for near deixis.
Shirumba: Schadeberg 1981: 84. The quoted example is *ɛ̀:réḏ (ɔ̀)=ɣ=ɔ̀* "this piece of clothing", where =*ɣ=* "probably is a concord".
Tiro: Not attested in Schadeberg's data. We rely on the information from [Stevenson 2009: 40], where the morpheme =*ɛ* is specified as the principal equivalent for near deixis.
Moro: Not attested in Schadeberg's materials. Cf. *igi* 'this' in [Black 1971: 170].
Ko: Not attested.
Warnang: Not attested.
Logol: Schadeberg 1981: 84. The quoted example is *g=àdɔ̀l g=ɛ́* "this stone", pl. *ʒ=ìdɔ̀l g=ì-ʒɛ́* "these stones".

87. THOU

Rere Koalib *ŋà* (1), Ebang *ŋà* (1), Abul *ŋà* (1), Laru *ŋà* (1), Utoro *ŋà* (1), Shirumba *ŋà* (1), Tiro *ŋ́ŋà* (1), Moro *ŋ́ŋá* (1), Ko *ŋwá* (1), Warnang *ùŋá* (1), Logol *ŋà* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 63.
Ebang: Schadeberg 1981: 67. Quoted as *ŋa* in [Meinhof 1944: 107].
Abul: Schadeberg 1981: 71.
Laru: Schadeberg 1981: 74.
Utoro: Schadeberg 1981: 78. Quoted as *ŋa ~ a* in [Stevenson 2009: 178].
Shirumba: Schadeberg 1981: 82.
Tiro: Schadeberg 1981: 87. Quoted as *aŋ ~ ŋa* (subject form), *an=aŋa* (isolated emphatic form) in [Stevenson 2009: 32-33].
Moro: Schadeberg 1981: 92. In [Black 1971: 4, 7], the emphatic free subject pronoun is listed as *a-ganə-ŋa* 'you (sg.)'; the bound subject prefix is listed as *a-*.
Ko: Schadeberg 1981: 98.
Warnang: Schadeberg 1981: 103.
Logol: Schadeberg 1981: 106.

88. TONGUE

Rere Koalib *ṱ=ílíŋà* (1), Ebang *ḏ=ìŋɘ̀lâ* (1), Abul *ḏ=íŋɘ́lá* (1), Laru *lí=ŋɛ́lá* (1), Utoro *ḏ=ɛ́ŋɛ́lá* (1), Shirumba *ḏ=ìŋɛ̀là* (1), Tiro *ð=íŋgɘ́lâ* (1), Moro *θà=ŋɛ̀lá* (1), Ko *ṱ=àŋɘ̀ɾá* (1), Warnang *à=ŋùɾá* (1), Logol *ḏ=àŋɘ̀lá* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 51. Plural: *r=ílíŋà*. Quoted as *t=éŋlà* in [Quint 2006: 9].
Ebang: Schadeberg 1981: 51. Plural: *d=ìŋ ɓâ*. Quoted as *ḏ=iŋila ~ ṱ=iŋila* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 51. Plural: *r=íŋ ɓá*.
Laru: Schadeberg 1981: 51. Plural: *ŋú=ŋɛ́lá*.
Utoro: Schadeberg 1981: 51. Plural: *d=ɛ́ŋɛ́lá*. Quoted as sg. *ð=iŋila*, pl. *d=iŋila* in [Stevenson 2009: 154].
Shirumba: Schadeberg 1981: 51. Plural: *r=ìŋɛ̀là*. Quoted as *ð= ɘ̀ŋ ɓà* in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 51. Plural: *íŋg ɭâ*. Quoted as sg. *ṱ=iŋgala*, pl. *iŋgala* in [Stevenson 2009: 27].
Moro: Schadeberg 1981: 51. Plural: *è=ŋɛ̀lá*. Quoted as sg. *ða=ŋɘla*, pl. *ye=nɘla* in [Black 1971: 171].
Ko: Schadeberg 1981: 51. Plural: *d=àŋ ɟɾá*.
Warnang: Schadeberg 1981: 51. Plural: *ɕù=ŋùɾá*.
Logol: Schadeberg 1981: 51. Plural: *d=àŋ ɓá*.

89. TOOTH

Rere Koalib *l=ìŋàṱ* (1), Ebang *g=íŋáy* (1), Abul *g=àŋáṱ* (1), Laru *lí=ŋàṱ* (1), Utoro *l=áŋáṱ* (1), Shirumba *l=áŋàṱ* (1), Tiro *l=ìŋàθ* (1), Moro *là=ŋàð* (1), Ko *k=ɘ̀ŋáw* (1), Warnang *k=àŋáθ* (1), Logol *ŋ=ìŋéy* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 51. Plural: *y=ìŋàṱ*. Quoted as sg. *l=èŋàt*, pl. *y=èŋàt* in [Quint 2006: 70, 160].
Ebang: Schadeberg 1981: 51. Plural: *ʒ=íŋáy*.
Abul: Schadeberg 1981: 51. Plural: *àŋáṱ*.
Laru: Schadeberg 1981: 51. Plural: *ŋwâṱ*.
Utoro: Schadeberg 1981: 51. Plural: *ʒ=íŋáṱ*. The Kerindi variant is listed as sg. *áŋàṱ*, pl. *ʒ=áŋàṱ*. Quoted as sg. *l=iŋað*, pl. *ʒ=iŋað* (Orombe sg. *aŋaṱ*, pl. *ʒ=iŋaṱ*) in [Stevenson 2009: 324].
Shirumba: Schadeberg 1981: 51. Plural: *á:ŋàṱ*.
Tiro: Schadeberg 1981: 51. Plural: *ìŋàθ*. Quoted as sg. *l=iŋaṱ*, pl. *iŋaṱ* in [Stevenson 2009: 27].
Moro: Schadeberg 1981: 51. Plural: *è=ŋàð*. Quoted as sg. *lɘ=ŋað*, pl. *e=ŋað*.
Ko: Schadeberg 1981: 51. Plural: *ɕ=àŋáw*.
Warnang: Schadeberg 1981: 51. Plural: *k=àrŋáθ*.
Logol: Schadeberg 1981: 51. Plural: *ʒ=ìŋéy*.

90. TREE

Rere Koalib *kw=à:ɽì* (1), Ebang *kw=á:ɽè* (1), Abul *gw=à:ɽè* (1), Laru *ṱ=à:ɽì* (1), Utoro *gw=à:ɽè* (1), Shirumba *w=à:ɽè* (1), Tiro *ð=ú:ɽì* (2), Moro *ʋɽì* (2), Ko *k=àṱíɲ* (3), Warnang *áwnɔ́ŋ* (4),

Logol *gw=à:ɽì* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 51. Plural: *y=à:ɽì*. Quoted as *kw=á:ɽé* in [Quint 2006: 98].
Ebang: Schadeberg 1981: 51. Plural: *ʒ=á:ɽɛ̀*. Quoted as sg. *kw=ari*, pl. *ʒ=ari ~ ɕ=ari* in [Meinhof 1944: 98].
Abul: Schadeberg 1981: 51. Plural: *è:ɽà*.
Laru: Schadeberg 1981: 51. Plural: *ŋw=à:ɽì*. Quoted as *d=àɽì* in [Kuku 2012: 32]. Cf. also *gə-ɽé* 'tree' (with a different prefix) in [Kuku 2012: 28].
Utoro: Schadeberg 1981: 51. Plural: *ʒ=à:ɽɛ̀*. Quoted as sg. *gw=aɽɛ*, pl. *ʒ=aɽɛ* in [Stevenson 2009: 148]. Distinct from sg. *l=uɽi*, pl. *ŋw=uɽi* 'wood' [Stevenson 2009: 151]; cf. the same root also in sg. *ð=uɽi*, pl. *d=uɽi* 'wood, firewood (long stick)' in [Stevenson 2009: 154].
Shirumba: Schadeberg 1981: 51. Plural: *n=à:ɽɛ̀*.
Tiro: Schadeberg 1981: 51. Plural: *r=ú:ɽì*. Quoted as sg. *ḏ=uɽi*, pl. *uɽi* in [Stevenson 2009: 20].
Moro: Schadeberg 1981: 51. Plural: *n=ʋ̀ɽì*. Quoted as sg. *uɽi-a*, pl. *n=uɽi*.
Ko: Schadeberg 1981: 51. Plural: *ɕ=àṯíɲ*.
Warnang: Schadeberg 1981: 51. Plural: *ɕ=áwn ɲ́*.
Logol: Schadeberg 1981: 51. Plural: *l=à:ɽì*.

91. TWO

Rere Koalib *kú:ɽàn* (1), Ebang *ràm* (2), Abul *ràm* (2), Laru *rɔ́m* (2), Utoro *gùtʌ̀n* (3), Shirumba *íṯṯìà* (4), Tiro *kɽ̀=ɕàn* (5), Moro *ndí=ɕɕà:n* (5), Ko *áɕɕɛ́rɔ̀* (6), Warnang *ŋír=ɕàɕɕîn* (5), Logol *rá:b* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 56.
Ebang: Schadeberg 1981: 56. Quoted as *ram* in [Meinhof 1944: 105].
Abul: Schadeberg 1981: 56.
Laru: Schadeberg 1981: 56.
Utoro: Schadeberg 1981: 56. Quoted as *gwutən ~ gwutɛn* in [Stevenson 2009: 204].
Shirumba: Schadeberg 1981: 56.
Tiro: Schadeberg 1981: 56. Quoted as *=iɽi=ɕan* in [Stevenson 2009: 48] (cf. *=iɽi=ɕin* 'three' ibid. for morphological segmentation).
Moro: Schadeberg 1981: 56. Quoted as *ndi=ʒan* in [Black 1971: 173].
Ko: Schadeberg 1981: 56.
Warnang: Schadeberg 1981: 56.
Logol: Schadeberg 1981: 56.

92. WALK (GO)

Rere Koalib *ǹd-ù* (1), Ebang *ídd-ì* (1), Abul *ìnd-í* (1), Laru *ìnd-í* (1), Utoro *índ-ì* (1), Shirumba *ɛ̀:l-ɔ́* (2), Tiro *b-û* (3) / *k=à:rɛ́* (5), Moro *mb-ʋ́* (3) / *gà:=bɔ́l-â* (6), Ko *ńḏ-ɔ́* (1) / *w=ʋ́ŋg-ɔ́* (7), Warnang *ǹḏ-ɔ́* (1) / *àḏɛ́* (5), Logol *wùḏḏ-í* (4).

References and notes:

Rere Koalib: Schadeberg 1981: 34. Imperative form.

Ebang: Schadeberg 1981: 34. Imperative form. Cf. imperative pl. *id̲-ul* 'go!' in [Meinhof 1944: 116].

Abul: Schadeberg 1981: 34. Imperative form.

Laru: Schadeberg 1981: 34. Imperative form. Cf. a different root in [Kuku 2012: 30]: *èlɛ́* 'to go'.

Utoro: Schadeberg 1981: 34. Imperative form. Polysemy: 'go / walk'. Quoted as *(v)id̲-i* (Kwijur *(v)ind̲-i*) in [Stevenson 2009: 318] (only in the 1st stem; the 2nd stem is suppletive - *(v)ɛl-ɛ*).

Shirumba: Schadeberg 1981: 34. Imperative form. Polysemy: 'go / walk'. Quoted as *èl-á* in [Guest et al. 1998: 7].

Tiro: Schadeberg 1981: 34. Imperative form. Imperative form quoted as sg. *bu*, pl. *bu-r* in [Stevenson 2009: 62].Schadeberg 1981: 34. 3rd p. sg. form (suppletive stem). Cf. 1 sg indefinite *y=arɛ* in [Stevenson 2009: 110].

Moro: Schadeberg 1981: 34. Imperative form. Quoted as *mb-u* in [Black 1971: 139].Schadeberg 1981: 34. 3rd p. sg. form (suppletive stem). Quoted as *ga=bəl-a* in [Black 1971: 139].

Ko: Schadeberg 1981: 34. Imperative form.Schadeberg 1981: 34. 3rd p. sg. form (suppletive stem).

Warnang: Schadeberg 1981: 34. Imperative form.Schadeberg 1981: 34. 3rd p. sg. form (suppletive stem).

Logol: Schadeberg 1981: 34. Imperative form.

93. WARM (HOT)

Rere Koalib *=úβùːðù* (1), Ebang *=ìbúyɔ̀* (1), Abul *=ùβùdɔ̀* (1), Laru *=úβúːd̲ù* (1), Utoro *=úbúðù* (1), Shirumba *=úwwá* (1), Tiro *=ùwù* (1), Moro *=ùwù* (1), Ko *=úɕɕú* (1), Warnang *=ùːʒú* (1), Logol *=úfùːyù* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 52. Used with prefixes *ŋ=*, *k=*. Meaning glossed as 'warm'. Cf.: *kwó=vùːðí* {kwé=pùutí} 'it will be hot' in [Quint 2006: 33].

Ebang: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'.

Abul: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'.

Laru: Schadeberg 1981: 52. Used with prefixes *k=*, *y=*. Meaning glossed as 'warm'.

Utoro: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'. Quoted as *ibuðu* (Kwijur *iboðo*) 'hot' in [Stevenson 2009: 319].

Shirumba: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'. Cf. *x=ùwà* 'hot' in [Guest et al. 1998: 5].

Tiro: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'. Quoted as *=uwa* 'hot' in [Stevenson 2009: 47].

Moro: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'. Cf. *g=ubw-a* 'to be hot' in [Black 1971: 143].

Ko: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'.

Warnang: Schadeberg 1981: 52. Used with the prefix *ʒ=*. Meaning glossed as 'warm'.

Logol: Schadeberg 1981: 52. Used with the prefix *ŋ=*. Meaning glossed as 'warm'.

94. WATER

Rere Koalib *ŋ=âw* (1), Ebang *ŋ=âw* (1), Abul *ŋ=àw* (1), Laru *y=àw* (1), Utoro *ŋ=âw* (1), Shirumba *ŋ=âr* (2), Tiro *ŋ=áːvè* (1), Moro *ŋ=áwá* (1), Ko *ŋ=a* (1), Warnang *ɕ=ɔ̂* (1), Logol *ŋ=áw* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 52. Singulative: *t=âw*. Same root as 'rain' q.v. Quoted as *ŋ=âo* in [Quint 2006: 49].
Ebang: Schadeberg 1981: 52. Quoted as *ŋ=au* in [Meinhof 1944: 100].
Abul: Schadeberg 1981: 52.
Laru: Schadeberg 1981: 52. Quoted as *y=áʷ* in [Kuku 2015: 4].
Utoro: Schadeberg 1981: 52. Quoted as *ŋ=au* in [Stevenson 2009: 157].
Shirumba: Schadeberg 1981: 52.
Tiro: Schadeberg 1981: 52. Quoted as sg. *ɽ=au* ('drop of water'), pl. *ŋ=au* in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 52. Quoted as *ŋ=awa* in [Black 1971: 176].
Ko: Schadeberg 1981: 52.
Warnang: Schadeberg 1981: 52.
Logol: Schadeberg 1981: 52.

95. WE₁

Rere Koalib *ɲí-ŋà* (1), Ebang *á:ná-ŋà* (2), Abul *àná-ŋà* (2), Laru *àlá:-ŋà* (2), Utoro *ɲèrì* (1), Shirumba *á:lá-ŋà ~ á:ná-ŋà* (2), Tiro *íɲà ~ íɲà-lê* (1), Moro *lɛ́:lə́ŋ* (2), Ko *íná* (1), Warnang *ìná* (1), Logol *ná:-nà* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 62. No difference between exclusive and inclusive forms.
Ebang: Schadeberg 1981: 67. Exclusive form. Quoted as *ana ~ ana-ŋa* in [Meinhof 1944: 107].
Abul: Schadeberg 1981: 71. No difference between exclusive and inclusive forms.
Laru: Schadeberg 1981: 74. No difference between exclusive and inclusive forms.
Utoro: Schadeberg 1981: 78. Exclusive form. Differently in [Stevenson 2009: 178]: *anaŋa* 'we (excl.)'.
Shirumba: Schadeberg 1981: 82. The precise array of forms listed in the source is as follows: 1 pl. incl. fem. *á:lá-ŋà-r ~ á:lɛ́-ŋà-r*, 1 pl. incl. masc. *á:ná-ŋà-r*, 1 pl. excl. fem. *á:lá-ŋà ~ á:lɛ́-ŋà ~ à:l ɛŋá*, 1 pl. excl. masc. *á:ná-ŋà ~ á:nà-ŋà*. However, Schadeberg himself expresses doubts about the accuracy of this notation: "in particular, the masculine/feminine contrast does not recur elsewhere in the Heiban group, whereas dual and plural are commonly distinguished. On this point, I now suspect a misunderstanding between my informant (a lady with a little daughter) and myself" [ibid.].
Tiro: Schadeberg 1981: 87. Dual exclusive form. The plural exclusive form is further extended: *íɲà-nî*. Quoted as *iɲ ~ iɲa ~ ɲa* (subject form), *an=iŋa* (isolated emphatic form) in [Stevenson 2009: 32-33]; curiously, Stevenson mentions nothing at all about clusivity or the dual/plural opposition in Tiro.
Moro: Schadeberg 1981: 92. Dual inclusive form. Also employed with the prefix *fɜ̆*. In [Black 1971: 4, 7], the emphatic free subject pronoun is listed as *lɛləŋ* 'we (dual)'; the bound subject prefix is listed as *lə-*.
Ko: Schadeberg 1981: 98. Exclusive form.
Warnang: Schadeberg 1981: 103. The form is questionably marked as 1 dual exclusive, and is distinguished from 1 plural *ínàŋ* [ibid.].
Logol: Schadeberg 1981: 106. No difference between exclusive and inclusive forms.

95. WE₂

Ebang *àlìŋà* (2), Utoro *ɲà:gɛ̀* (3), Tiro *íllì* (2), Moro *nɛ́ndɛ́* (4), Ko *írí* (2).

References and notes:

Ebang: Schadeberg 1981: 67. Inclusive form.

Utoro: Schadeberg 1981: 78. Inclusive form. Differently in [Stevenson 2009: 178]: *liŋo* 'we (all of us)'.

Tiro: Schadeberg 1981: 87. Dual inclusive form. Also *íllí-lὲ ~ íllí-tùm* id. The plural inclusive form is *íllì-r ~ íllí-r-lὲ*. These forms are not found anywhere in [Stevenson 2009].

Moro: Schadeberg 1981: 92. Plural inclusive form. Cf. also plural exclusive *nándá*. Both forms can also be used with the prefix *f=*. In [Black 1971: 4, 7], the emphatic free subject pronouns are listed as *nɛndr ~ lɛndr* 'we (incl.)', *ŋaga-nanda ~ nanda* 'we (excl.)'; the bound subject prefixes are listed as *ŋa-* 'we (excl.)', *lə-* 'we (incl.)'.

Ko: Schadeberg 1981: 98. Inclusive form.

96. WHAT

Rere Koalib *á:ðà* (1), Ebang *áŋà* (2), Abul *àŋá* (2), Laru *àŋɛ́* (2), Utoro *gùrɔ́ #* (3), Shirumba *àŋá* (2), Tiro *ànâw* (4), Moro *lá-ndì* (5), Ko *áŋá* (2), Warnang *gwɔ̀y* (6), Logol *áŋ* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 53. Quoted as *á:ðà* {áatà} in [Quint 2006: 199].
Ebang: Schadeberg 1981: 53. Quoted as *ŋa* in [Meinhof 1944: 112].
Abul: Schadeberg 1981: 53. Listed as *á:ŋà* in Fadlalla's idiolect.
Laru: Schadeberg 1981: 53.
Utoro: Schadeberg 1981: 53. The Kerindi variant is listed as *áŋgúrɔ̀*. Cf. *aŋ* 'what?' in [Stevenson 2009: 190]. Schadeberg's entry is doubtful; it may actually be the second part of the expression *aŋ gwirɔ* 'what is it?' [Stevenson 2009: 190].
Shirumba: Schadeberg 1981: 53.
Tiro: Schadeberg 1981: 53. Somewhat differently in [Stevenson 2009: 41]: *anɔndri* 'what?', with the phonetic variant *anɔntri* "when the last syllable is stressed".
Moro: Schadeberg 1981: 53. Cf. *wande* 'what?' in [Black 1971: 72].
Ko: Schadeberg 1981: 53.
Warnang: Schadeberg 1981: 53.
Logol: Schadeberg 1981: 53.

97. WHITE

Rere Koalib *=íbɿ:ðù* (1), Ebang *=ùppíd̠ɔ̀* (1), Abul *=íppìð̠ɔ* (1), Laru *=íbí:d̠ù* (1), Utoro *=ùkrɛ́* (2), Shirumba *pɛ̀:d̠ɔ̀* (1), Tiro *=ùbúɕù* (3), Moro *=bùʒɔ́* (3), Ko *=ɛ̀:ra pɸɔ́ʔɔ̀k* (4), Warnang *=ɛ̀:ɽá* (4), Logol *=ípí:d̠ú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 53. Used with prefixes *k=, y=*. Cf. the verbal stem *fe:ðé* {peeté} 'to be white' [Quint 2006: 162]; *kwò=vè:ðò* {kwè-pèetò} 'he is white' in [Quint 2006: 102].
Ebang: Schadeberg 1981: 53. Used with the prefix *g=*.
Abul: Schadeberg 1981: 53. Used with prefixes *g=, l=*.
Laru: Schadeberg 1981: 53. Used with prefixes *k=, y=*. Quoted as *=bídṹ* in [Kuku 2015: 7].
Utoro: Schadeberg 1981: 53. Used with the prefix *gw=*. Cf. *g=iɽɛ* 'white' in [Stevenson 2009: 203].
Shirumba: Schadeberg 1981: 53. Quoted as *pèðà* in [Guest et al. 1998: 1].
Tiro: Schadeberg 1981: 53. Used with the prefix *k=*. Quoted as *=uboɕo* in [Stevenson 2009: 47].
Moro: Schadeberg 1981: 53. Used with the prefix *kà=*. Quoted as *ga=bəʒo* in [Black 1971: 177].
Ko: Schadeberg 1981: 53. Used with the prefix *k=*. Second part of the idiomatic compound is unclear.

Warnang: Schadeberg 1981: 53. Used with the prefix *ŋ=*.
Logol: Schadeberg 1981: 53. Used with the prefix *g=*. Polysemy: 'white / clean'.

98. WHO

Rere Koalib *ʌ̀yyà* (1), Ebang *ɛ́yì* (1), Abul *àdɛ́rɔ́* (2), Laru *yɛ́ːrú* (2), Utoro *àd̪rígúrɔ̀* (2), Shirumba *ɛ̀yìd̪á* (1), Tiro *ʌ̀ʒɔ̀* (3), Moro *àsságì* (4), Ko *ɲáká* (5), Warnang *kɛ́ːnì* (6), Logol *ìyʊ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 53. Plural: *ʌ́yyà-ŋà*. Quoted as *ɛ́yyɛ́* in [Quint 2006: 68].
Ebang: Schadeberg 1981: 53. Quoted as *ei* in [Meinhof 1944: 112].
Abul: Schadeberg 1981: 53. Plural: *àdɛ́rɔ̀-ŋá*.
Laru: Schadeberg 1981: 53.
Utoro: Schadeberg 1981: 53. Somewhat differently in [Stevenson 2009: 189]: *ōðio* 'who? (sg.)', *ōðio-ŋa* 'who? (pl.)'. Also sg. *ei*, pl. *ei-ŋa* id. Schadeberg's form probably = *ōðio gwirɔ* 'who is it?' in [Stevenson 2009: 189].
Shirumba: Schadeberg 1981: 53.
Tiro: Schadeberg 1981: 53. Quoted as *anʒo*, pl. *anʒo-ŋa* in [Stevenson 2009: 41]; the object forms of the same pronoun are quoted as *aʒo-ŋ*, pl. *aʒo-ŋɛrɛ*.
Moro: Schadeberg 1981: 53. Quoted as *esegi* in [Black 1971: 72].
Ko: Schadeberg 1981: 53.
Warnang: Schadeberg 1981: 53.
Logol: Schadeberg 1981: 53.

99. WOMAN

Rere Koalib *kw=àù* (1), Ebang *gw=á* (1), Abul *gw=áw* (1), Laru *t̪=âw* (1), Utoro *gw=á* (1), Shirumba *w=â* (1), Tiro *w=à* (1), Moro *ù=ʒí* (2), Ko *ù=rʒá* (2), Warnang *ŋá=d̪=ɛ́ʒí* (2), Logol *gw=ìʒí* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 54. Plural: *l=àù*. Quoted as *kw=ào*, pl. *l=ào* in [Quint 2006: 112].
Ebang: Schadeberg 1981: 54. Plural: *l=á*. Quoted as sg. *kw=a*, pl. *l=a* in [Meinhof 1944: 97].
Abul: Schadeberg 1981: 54. Plural: *l=áw*.
Laru: Schadeberg 1981: 54. Plural: *ŋw=âw*.
Utoro: Schadeberg 1981: 54. Plural: *l=á*. Quoted as sg. *gw=a*, pl. *l=a* in [Stevenson 2009: 146].
Shirumba: Schadeberg 1981: 54. Plural: *l=â*. Quoted as *w=à* 'wife' in [Guest et al. 1998: 2].
Tiro: Schadeberg 1981: 54. The full form is *k=úr w=à* or *ùːʒí k=úr w=à*; cf. the plural form *rltí l=à*. Quoted as sg. *w=a*, pl. *l=a* 'female' in [Stevenson 2009: 19]; the word 'woman' is glossed in the same source as sg. *imard̪ɛn*, pl. *l=imard̪ɛn*, but also as the complex expression *wuʒi k=irɔ wa*, literally 'person-female' [Stevenson 2009: 29].
Moro: Schadeberg 1981: 54. Plural: *lì=ʒí*. Quoted as sg. *wu=ʒi*, pl. *li=ʒi* in [Black 1971: 178].
Ko: Schadeberg 1981: 54. Plural: *l=r̀ʒá*.
Warnang: Schadeberg 1981: 54. Also *ká=d̪=ɛ́ʒí* id. Plural: *ʒ=ɛ́ʒí ~ ɲɛ́=ʒ=íʒí*.
Logol: Schadeberg 1981: 54. Plural: *l=ìʒí*.

100. YELLOW

Rere Koalib =*íbì:ðù* # (1), Tiro =*ðî* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 55. Same word as 'white'; accuracy of semantic glossing is dubious.
Ebang: Not attested.
Abul: Not attested.
Laru: Not attested.
Utoro: Not attested. Cf. *g=ilɔ* 'brown, yellow' in [Stevenson 2009: 203].
Shirumba: Not attested in our primary source. Cf., perhaps, *xwì* 'yellow' in [Guest et al. 1998: 5].
Tiro: Schadeberg 1981: 55. Used with the prefix *k =*. Cf. *kiriḏilɔ* 'yellow (a yellow thing)' in [Stevenson 2009: 113].
Moro: Not attested in Schadeberg's data. Cf. the compound form *gabə ʒaŋəno* 'yellow' in [Black 1971: 179] (unclear internal structure).
Ko: Not attested.
Warnang: Not attested.
Logol: Not attested.

101. FAR

Rere Koalib *tʋ̂k* (1), Ebang =*ɔ̀:làŋ* (2), Utoro *gw=ɔ́:làŋ gà:nù* (2), Shirumba *wà:là-nɔ́* (2), Moro *n=ɔ̀ld*ʷ*án* (2), Ko =*ɔ́ɾáṯɔ̀ç* (2), Logol =*ɔ̀:lɔ̀* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 30.
Ebang: Schadeberg 1981: 30. Same word as 'long' q.v.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 30. Polysemy: 'long / far'.
Shirumba: Schadeberg 1981: 30. Polysemy: 'long / far'.
Tiro: Not attested in Schadeberg's data. Cf. =*ɔla-no* 'distant' in [Stevenson 2009: 47], clearly derived from =*ɔla* 'long, tall' q.v.
Moro: Schadeberg 1981: 30. Quoted as *lwaldaŋ* 'far (adv.)' in [Black 1971: 136].
Ko: Schadeberg 1981: 30. Used with the prefix *k=*. Polysemy: 'long / far'.
Warnang: Not attested.
Logol: Schadeberg 1981: 30. Used with the prefix *g=*. Polysemy: 'long / far'.

102. HEAVY

Rere Koalib =*nì* (1), Ebang =*únáŋ* (2), Laru *ní* # (1), Utoro =*úníɲ* (2), Shirumba *rí:ŋà* (3), Moro =*ì:ɲá* (2), Ko =*nìnníç* (1), Logol =*ìnní* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 35. Used with prefixes *kú=, yí=*.

Ebang: Schadeberg 1981: 35. Used with the prefix *g=*.
Abul: Not attested.
Laru: Kuku 2012: 30. Verbal root: 'to be heavy' (glossed as 'to heavy' in the source, which is ungrammatical). Not attested in Schadeberg's wordlists.
Utoro: Schadeberg 1981: 35. Used with the prefix *gw=*. Quoted as *=uni* in [Stevenson 2009: 202].
Shirumba: Schadeberg 1981: 35.
Tiro: Not attested in Schadeberg's data. Cf. *=ino* 'heavy' in [Stevenson 2009: 110].
Moro: Schadeberg 1981: 35. Used with the prefix *l=*. Quoted as *g=ini* in [Black 1971: 141].
Ko: Schadeberg 1981: 35. Used with prefixes *t̪=* and zero. Polysemy: 'heavy / thick'.
Warnang: Not attested.
Logol: Schadeberg 1981: 35. Used with the prefix *ŋ=*.

103. NEAR

Rere Koalib *kát̪t̪ɔ̀k* (1), Ebang *gìt̪t̪ɔ̂* (1), Utoro *=ɔ̀bɔ̀dáŋ gà:nù* (2), Shirumba *ʋ́:d̪ùd̪ɔ̀* (3), Moro *t̪ʋ̀àn* (1), Ko *=ɔ̀ppàn* (4), Logol *=àblɔ̀* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 41. Quoted as *kɛ́ttɔ̀k* in [Quint 2006: 9].
Ebang: Schadeberg 1981: 41.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 41. Same idiomatic expression as 'short' q.v.
Shirumba: Schadeberg 1981: 41. Differently in [Guest et al. 1998: 2, 4]: *xád̪à ~ xád̪à* 'near'.
Tiro: Not attested in Schadeberg's data. Cf. *nd̪ɔre* 'near, beside' in [Stevenson 2009: 111].
Moro: Schadeberg 1981: 41. Quoted as *t̪waiŋ* in [Black 1971: 151].
Ko: Schadeberg 1981: 41. Polysemy: 'near / short'.
Warnang: Not attested.
Logol: Schadeberg 1981: 41. Same word as 'short' q.v.

104. SALT

Rere Koalib *k=úm̀ðà* (1), Ebang *mùd̪á* (1), Utoro *ŋ=úɕà* (2), Shirumba *lá:ɽà* (3), Moro *ŋ=rá:ɽá* (3), Ko *lí=mút̪ɛ̀* (1), Logol *mú:d̪í* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 44. Quoted as *kw=úmðè* {kwúmtɛ̀} in [Quint 2006: 79].
Ebang: Schadeberg 1981: 44.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 44. Plural form. Quoted as sg. *l=uɕo*, pl. *ŋw=uɕo* in [Stevenson 2009: 150].
Shirumba: Schadeberg 1981: 44.
Tiro: Not attested in Schadeberg's materials. Cf. sg. *l=uɕo*, pl. *ŋw=uɕo* in [Stevenson 2009: 21].
Moro: Schadeberg 1981: 44. Quoted as *ŋə=rraɽa* in [Black 1971: 162].
Ko: Schadeberg 1981: 44.

Warnang: Not attested.
Logol: Schadeberg 1981: 44.

105. SHORT

Rere Koalib =*úblà* (1), Ebang =*ɔ̀bíllàŋ* (1), Utoro =*ɔ̀bɔ̀dá gàːnù* (1), Shirumba =*àbɔ̀làː-nɔ́* (1), Moro =*ɔ̀ːbɔ̀lá* (1), Ko =*ɔ́ppàn* (2), Logol =*áblɔ́-gɔ́* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 46. Used with prefixes *k*=, *t̪*=.
Ebang: Schadeberg 1981: 46. Used with prefixes *l*=, *ŋ*=.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 46. Idiomatic expression, same as 'near' q.v.
Shirumba: Schadeberg 1981: 46. Used with the prefix *d̪*=.
Tiro: Not attested in Schadeberg's data. Cf. =*ɔbila* 'short' in [Stevenson 2009: 112].
Moro: Schadeberg 1981: 46. Used with the prefix *θ*=. Quoted as *g(w)=obəla* in [Black 1971: 164].
Ko: Schadeberg 1981: 46. Used with the prefix *t̪*=.
Warnang: Not attested.
Logol: Schadeberg 1981: 46. Used with the prefix *ŋ*=.

106. SNAKE

Rere Koalib *k=ímàw* (1), Ebang *d̪=ùmâ* (1), Laru *d=úŋɔ́* # (2), Utoro *d̪=ùŋà* (2), Shirumba *ð=íɲà* (2), Moro *rɔ̀=mwà* (1), Ko *ɗ=íŋɛ̀* (2), Logol *ɗ=úŋú* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 47. Plural: *y=ímàw*. Quoted as sg. *k=ímèu*, pl. *y=ímèu* in [Quint 2006: 48]. Cf. also *kérào* 'snake' in [Quint 2006: 42].
Ebang: Schadeberg 1981: 47. Plural: *ʒ=ùmâ*. Quoted as sg. *d̪=umeo*, pl. *ʒ=umeo* in [Meinhof 1944: 100].
Abul: Not attested.
Laru: Kuku 2015: 3. Not attested in Schadeberg's wordlists.
Utoro: Schadeberg 1981: 47. Plural: *ʒ=ùŋà*. Quoted as sg. *ð=uŋo*, pl. *ʒ=uŋo* in [Stevenson 2009: 153].
Shirumba: Schadeberg 1981: 47. Plural: *r=íɲà*. Differently in [Guest et al. 1998: 4]: *òd̪à* 'snake' (possibly 'a k. of snake'?).
Tiro: Not attested in Schadeberg's data. Cf. sg. *ɵ=riŋo*, pl. *riŋo* in [Stevenson 2009: 112].
Moro: Schadeberg 1981: 47. Plural: *ì=mwà*. Homonymous with 'rain' (accidentally). Quoted as sg. *rɔ=mwa*, pl. *i=mwa* in [Black 1971: 165].
Ko: Schadeberg 1981: 47. Plural: *ɕ=íŋɛ̀*.
Warnang: Not attested.
Logol: Schadeberg 1981: 47. Plural: *ʒ=úŋú*.

107. THIN

Rere Koalib =*àkkúrɛ̂ɲ* (1), Ebang =*dràŋ* (2), Utoro =*dŕrá* (2), Shirumba *drà* (2), Moro =*ráŋ-*

ánù (2), Ko =*úrɾɛ́* (1), Logol =*áḏrá* (2).

References and notes:

Rere Koalib: Schadeberg 1981: 50. Same word as 'small' q.v.
Ebang: Schadeberg 1981: 50. Used with the prefix *gwʊ̀=*.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 50. Used with the prefix *gwù=*.
Shirumba: Schadeberg 1981: 50. Differently in [Guest et al. 1998: 5]: *xòʒòðà* 'thin'.
Tiro: Not attested in Schadeberg's data. Cf. =*alraŋana* 'thin' in [Stevenson 2009: 113].
Moro: Schadeberg 1981: 50. Used with the prefix *là=*. Differently in [Black 1971: 170]: *ga=rwaṱ-o* 'thin'.
Ko: Schadeberg 1981: 50. Used with prefixes *ṱ=*, *ɲ=*. Polysemy: 'thin / light'.
Warnang: Not attested.
Logol: Schadeberg 1981: 50. Used with the prefix *ḏ=*.

108. WIND

Rere Koalib *k=úrùn* (1), Ebang *ú:wà* (2), Utoro *ḏ=ə́rɔ̀n* (1), Shirumba *ð=íβɛ́:r* (3), Moro *ðə̀=βɛ̀:rà* (3), Ko *ùrù* (1), Logol *nḏ=ə̀rɔ́n* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 54.
Ebang: Schadeberg 1981: 54.
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 54. Quoted as *ð=irɔn* in [Stevenson 2009: 154].
Shirumba: Schadeberg 1981: 54.
Tiro: Not attested in Schadeberg's data. Cf. *ḏibɛri* 'wind' in [Stevenson 2009: 113].
Moro: Schadeberg 1981: 54. Quoted as *ðə=bera* in [Black 1971: 176].
Ko: Schadeberg 1981: 54.
Warnang: Not attested.
Logol: Schadeberg 1981: 54.

109. WORM

Rere Koalib *kw=ɔ́ndɔ̀ŋ* (1), Ebang *k=ɔ́dɔ̀* (1), Utoro *gw=ɔ́ndɔ́lɔ̀* (1), Shirumba *w=ánḏɔ̀* (1), Moro *ùðá* (2), Ko *ṱ=ɔ́* (3), Logol *gw=ɔ̀yɔ́yɔ̀* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 55. Plural: *l= ɲdɔ̀ŋ*. Quoted as *kw=ɔ̀nɖ ɔ́ŋ* {kwɔ̀nꞇɔ́ŋ} in [Quint 2006: 60].
Ebang: Schadeberg 1981: 55. Plural: *l= ɖɔ̀*.
Abul: Not attested.
Laru: Not attested.

Utoro: Schadeberg 1981: 55. Plural: *l=ɲd 1ɔ̀*.
Shirumba: Schadeberg 1981: 55. Plural: *l=ánd̠ɔ̀*.
Tiro: Not attested in Schadeberg's data.
Moro: Schadeberg 1981: 55. Plural: *l=ð̊ʷá ~ ɳ̊d̠ʷá*.
Ko: Schadeberg 1981: 55. Plural: *d̠=ɨ*
Warnang: Not attested.
Logol: Schadeberg 1981: 55. Plural: *l=ɔ̀y ɟɔ̀*.

110. YEAR

Rere Koalib *k=ìðìlɛ̂w* (1), Ebang *g=ìd̠ìlá* (1), Utoro *g=ìd̠ìlíáw* (1), Shirumba *íðílìw* (1), Moro *ì=t̠t̠ìlíá* (1), Ko *kə̀=t̠àɾɛ́* (2), Logol *g=ìd̠lɛ́yú* (1).

References and notes:

Rere Koalib: Schadeberg 1981: 55. Plural: *y=ìðìlɛ̂w*. Quoted as *k=ìðlè* {kìtlè} (direct case), *k=ìðlêìù* {kìtlêìù} (object form) in [Quint 2006: 125, 137].
Ebang: Schadeberg 1981: 55. Plural: *ʒ=ìd̠ìlá*. Quoted as sg. *g=id̠ileo*, pl. *ʒ=id̠ileo ~ ʒ=id̠ila* in [Meinhof 1944: 98].
Abul: Not attested.
Laru: Not attested.
Utoro: Schadeberg 1981: 55. Quoted as sg. *g=iðilio*, pl. *ʒ=iðilio* in [Stevenson 2009: 152].
Shirumba: Schadeberg 1981: 55. Plural: *n=íðílìà*.
Tiro: Not attested in Schadeberg's data. Cf. sg. *it̠ilo*, pl. *n=it̠ilo* in [Stevenson 2009: 113].
Moro: Schadeberg 1981: 55. Plural: *ɳ̊t̠t̠ìlíá*. Quoted as sg. *i=t̠əli*, pl. *n=t̠əli* in [Black 1971: 179].
Ko: Schadeberg 1981: 55. Plural: *ɕì=t̠àɾɛ́*.
Warnang: Not attested.
Logol: Schadeberg 1981: 55. Plural: *ʒ=ìd̠lɛ́yú*.