Appendix 1. The Swadesh 100 List for Proto-Cariban, Andoke, Yagua, and Proto-Witotoan

Appendix 1 presents Swadesh 100 word lists for Proto-Cariban, Andoke, Yagua, Proto-Witotoan and its two sub-branches Proto-Huitoto-Ocaina and Proto-Bora-Muinane. Here we are interested in exploring the maximum number of possible cognates—both for our immediate purposes and for future comparative work that we may not envision at the moment. We are explicitly not trying to compile a table that might be useful for glottochronological or lexicostatistical calculations. As such, this table is not restricted to only the most commonly used forms (which would be difficult to discover in any case for proto-languages), but rather represents a table of forms within which cognates may be sought. Throughout the Appendix, hyphens indicate morphemic divisions.

All Proto-Cariban forms in this Appendix are reconstructed by Spike Gildea for this paper, except the pronouns (reconstructed by Meira 2002). Where a Proto-Cariban form is not readily reconstructible, we sometimes offer reconstructions to lower-level groups or branches, again (with the exception of Proto-Taranoan) by Spike Gildea: Proto-Taranoan (PT: Akuriyó, Karihona, Tiriyó; Meira 2000), Proto-Parukotoan (PPar: Hixkaryana, Waiwai and Katxúyana), Proto-Pekodian (PPek: Bakairi, Arara, Ikpéng), Proto-Pemón (PPem: Kapón [Akawaio, Patamuna, Ingarikó], Pemón [Arekuna, Kamarakoto, Taurepán] and Makushi), and Proto-Venezuelan (PV, a tentative subgrouping given in Gildea (2003), modified by Mattéi-Muller (2002): Kapón, Pemón, Makushi, Panare, †Tamanaku, Mapoyo/Yabarana, and possibly Ye'kwana, †Kumanagoto, and †Chaima). Note that the Venezuelan Branch is a hypothesis that has not been well-substantiated, and as such, even though we expect that PV reconstructions should represent valid historical forms, the label PV may not stand the test of time. Our Proto-Carib forms are indicated by a single asterisk with no further marking. These reconstructions are somewhat tentative, as they are based on incomplete cognate sets, with few reconstructions for intermediate groupings; however, they do follow the most recent developments in our collective understanding of Proto-Carib phonology (especially Meira and Franchetto 2005) and morphology (especially Meira, Gildea and Hoff 2006). The data that inform our reconstructions come from cognate sets published in Meira and Franchetto (2005), plus additional forms found in Meira's unpublished comparative Cariban Toolbox database (Meira 2006). We recognize that all these reconstructions will remain suspect until publication of the cognate sets upon which they are based, and also that they will doubtless need (we hope, minor) adjustments as the body of rigorous comparative work on the family increases.

Our Andoke data for any of Greenberg's proposed Macro-Carib etymons (both in Appendix 1 and Appendix 2) were provided by Jon Landaburu in personal communication, from his field notes. All other Andoke forms are from Landaburu (1979, 1992) and Landaburu and Pineda (1984).

Unless otherwise specified, our Peba-Yaguan is all Yagua, compiled by Doris Payne. Forms are usually taken from Powlison's (1995) dictionary, but re-written in a generally phonemic form with a few exceptions noted below. In some cases, where Powlison's data differ from Doris and Thomas Payne's data (particularly for vowel length), the Paynes' data are used. Conventions for writing the Yagua data in this table follow the IPA with the following qualifications (cf. D. Payne (1985), Payne and Payne (1990), T. Payne (1993), for further information on Yagua phonology):

- /j/ at the end of a word has a very lenis pronunciation. /j/ after a consonant reflects either full metathesis of a syllable-final /j/ with that consonant, or palatalization of the consonant.

- Accute accent over a vowel indicates high pitch (best analyzed as high tone). For Yagua, a tilde under a vowel indicates phonemic nasalization (for other languages we have followed the IPA convention of writing nasalization over vowels, but for typographical clarity, we have opted for this for Yagua).
- /n/ has allophones [n] before phonemic nasal vowels, and [n^d] before phonemic oral vowels. /m/ has allophones [m] before phonemic nasal vowels, and [m^b] before phonemic oral vowels. The allophones are written explicitly in this table.
- Payne and Payne (1990) analyze Yagua as having six phonemic vowels:

i	ɨ (or ɯ)	u
e		o
	a	

Powlison analyzes Yagua as having only 5 vowels, so his dictionary does not distinguish between /i/ and /ɨ/ (/ɨ/ is always fronted to /i/ in the vicinity of /j/ and [ɨ] under any analysis is not as frequent as [i]). As a result, the following Yagua list generally has /i/ and /ɨ/ collapsed; we have written /ɨ/ only in those cases where D. Payne is certain of the distinction. Additionally, tone sandhi is common in Yagua, such that the same root might bear multiple tone patterns, depending on the surroundng morphemes. Where possible, in this table we use the tone patterns found on the root in isolation.

A Yagua inalienably possessed noun [inalien] always has a nominal or pronominal possessor (the system of prefixes is the same as for alienably possessed nouns). If a possessed noun begins with /hV/, the vowel can vary in nasalization and quality depending on form of the possessive prefix. *Wa-* (variant *ha-* ?) is a Yagua derivational prefix for abstract qualities. It is broken off in Appendix 1, even though sometimes it might be a synchronically well-frozen part of a word. (Certain other Yagua entries are also morphologically complex.)

Our Proto-Witotoan is Aschmann's (1993) reconstruction; a double asterisk ** indicates Aschmann's reconstruction for Proto-Witotoan, while BM plus * indicates his reconstruction for the Bora-Miraña branch and HO plus * indicates his reconstruction for the Witoto-Ocaina branch. Witotan elements in parentheses indicate that Aschmann found the material in more than one language of the (sub-)family but it was not sufficiently attested across all languages of the (sub-)family such that he was able to reconstruct it. These data were entered by David Young. For Witotoan data, /ï/ is high back unrounded, in contrast with /ɨ/, high central unrounded.

Numbers in Column 1 of the following table correspond to Swadesh numbers. For cross-referencing purposes, following the English gloss in column 2, we include in parentheses the numbers from Aschmann's (1993) Witoto etyma.

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
001 I (200)	*oʔə*	**ôwɨ-rô*	*raj*	***(k)õõ-xe(ʔe)*	**oó (-xéʔe)*	**kõẽ*
002 YOU (201) [THOU]	*ha*	**ômô-rô* **ôm-jamo* '2COL'	*híj*	***õ-xe(ʔe)*	**ɨí(-xéʔe)*	**õ(ẽ)*
003 WE (205)	*ka-*	**kɨnmô-rô* '1INCL' **kɨwɨ-rô* '1INCL' **kɨC-jamo* '1INCL.Col' **apina* '1Exc'	*wṵ́ṵ́j* [PL.INCL]		**mɨíʔ-ai* [PL] **miʔ-tsi* [M.DL] **miʔ-pɨ* [F.DL]	
004 THIS (256)	*ɲé-ʔbo*	**(t)ônɨ* 'Inan' **(t)ôrô* 'Inan' **môtjô* 'Anim' **môtj-jamo* 'Anim.Col'	*hij*	***kii-()*	**xíneé* **xi(xɨ)*	**bí-hãẽ* **bi-ʔe*
005 THAT (257)	*dí-ʔbo* 'that' *i-ʔbo* 'yon'	**môrô* 'Inan' **mônɨ* 'Inan' **môkɨ-rô* 'Anim' **môk-jamo* 'Anim.Col'	*ru*	***kiʔi-()*	**xe(ʔ)é-ne*	
006 WHAT (259)		PT **ətɨ* PT **ətɨna*	*nṵ́tju*		*xínɨ́xɨ́* *ɨɨ-ná*	**dziʔ*
007 WHO (258)		**ônôkɨ*	*tʃɨ*	*??**(b)õ()*	*?*ka(aitéʔa)-xaa-* **mí(ʔa)-xa*	**bṍ*
008 NOT (260)		PT **taike* **pɨra*	*nḛ́ḛ́, -tja, -ta*	***(ta)ʔãí-ne*	**(-ti), *tsáʔaá-(ne)*	
009 ALL (261)		**ômerô*	*t̠ḭt̠áhṵ*		*((p)airɨ̈-kine),* **pamere, *pa-nee-(re)*	*(hãã́tiʔ)*
010 MANY (262)			*hárjɨ́j; cf. mʷɨtya* 'nothing; free, gift'		**míta-(ne), (gíráá-me)* *(tsííti), (ɨʔnáʔo)*	

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
011 ONE (181)		*tôwinô	tá-ra-kɨɨ (with general classifier + SG?)	**ta()	*tsaane	*ta(he)
012 TWO (182)	ʌ-ʎ́hʌmã 'with this also'	*atjôkô(nô)/(ne)	nᵈá-ra-húj (with general classifier)	**menai()	*mɨ́ɨnéékkɨ̈	(mena) (hana)
013 BIG (220)		PT *tɨkatɨne 'fat' PT *mɨ(tʃ)a 'long/far' *-imô 'Augmentative'	hɑ́ɑ́mu̠-ka̠ɑ́, hɑ́ɑ́mu̠ 'inanimate', hɑ́ɑ́mjɨj 'adult, person; big, fat', nɨj- 'fat'; cf. mʷɨ̠tya 'nothing; free, gift'		*mita-ne *giraa-ne *kee-(pi)-ne (bókki-ne)	
014 LONG (263)	-mɔ̃kɔ̃-	PT *mɨ(tʃ)a 'long/far'	hámɨ̠rjɨj [complex?]; cf. mʷɨ̠tya 'nothing; free, gift'		*kááme(-βe)-ne	*á(d)e
015 SMALL (221)		PT *pitʃa 'little₁' PT *akɨɨ 'little₂' ?*pitikô	pasíɨj	?**()ki()	*nomɨ-(nɨ-nɨ), (áxáítso-ne-gayɨ), (áyá-gayɨ), (áirá-né-gayɨ), (ɨ̃́xéné-gayɨ), (čoʔxi), (ɨ̃́gɨ́yɨ̈i)	(kɨβi)
016 WOMAN (40)	tii	PT *noːtʃa[mo] *wôriti	wá-tu-rá 'woman w/o children' wá-tu-rúj 'woman w/ children' wá-tuj	**-gai	*gai-ge (mɨ́ámɨ́ná-ge)	(di-goi) (mimi)
017 MAN (39)	yóʔhʌ	*wôkɨrɨ	wá-nu̠		*gai-ppi *tsaa-ppi	*iʔí
018 PERSON (41)	hʌ́ihʌi	*wɨtoto	nɨhja̠a̠mɨ́ (nɨj-ha̠a̠mɨ́j) 'fat/3SG.animate-person'	˙**()mɨ̃nai	*mɨ́amɨ̃naa	(komɨ́ni)
019 FISH (138)		*kana	kɨ́wɑ́		(táaβa), (amóóbe)	
020 BIRD (127)		PT *torono	wɨ́ɨtʃej		(xééɨ), (koomɨko), (čeʔréɨ)	

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
021 DOG (101)	*ĩɲõ*	*akôrô* *kaikuti*	*nĩmᵇjíí*	**xī̄ʔko*	(xíkko), (ooʔííbe)	*hī̄ʔko*
022 LOUSE (143)		*(w)ajamô*	*nᵈudnị́* (possibly *nᵈunᵈnị̌*)		*gáainiʔo*, *gai(ʔtéxɨ)*	
023 TREE (152)	*-pé* 'selva' *-də, -ta* 'tree.Cl'	PT *epɨ* 'trunk' *wewe/jeje*	*nínu*	?**(ai)me()*	*íme-ʔe*	*amẽ́na*
BRANCH	*-dṍka*	PT *ipəri* 'branch₁' *ekata* 'branch₂' *apô-rɨ* 'arm'	*-tii* 'CL.extremity.of.branch/antenna/insect-paw'			
024 SEED (159)	*-kápə* 'seedpod' (cf. *-pə* 'belly, pod')	*ôpɨ(-tɨpô)* *a-tɨpô* *a-rɨ* *ôna-tɨpô*	*ha-tanᵈíí*		*battsó-()*, (néébaba) (painéβa-i)	(naiβini)
025 LEAF (153)		*jare*	*nạ́wị*		*(ína)-ʔáamɨ*, (-xĩ́ʔoó) (mɨ̃́imi)	
026 ROOT (158)	*-ɲeko*	*mitɨ*	*hų́nụtij*		*ba(i)(k)ké-(ʔeke)* *bá(i)(k)keé*, (-tane)	
027 BARK (264)		*pitupô* 'bark, skin'	*haj*		*(koo)-mɨ́ʔo*, (íméʔé), *(ʔ-ajĩe)-mɨ́ʔo*	
028 SKIN (31)	*-tasi* 'skin, leather, cover'	*pitupô* 'bark, skin'	*haj*		*(iáábe) (mé)-ʔmɨ̃́ʔe(é)*	?*()niʔgai*
029 FLESH/MEAT (265)		*punu* 'flesh / body'	*sawij*		*éékoó*, *doó-(xeʔe)*, *(táí)-do*, (atsími)	*(daihíʔka)* *õʔã́-(ti)* *õʔã́-(ĩhĩ)*
030 BLOOD (33, 266)	*-dusé*	*munu-ru*	*nųnᵈa*	**ti-xẽ(ʔe)*	*tɨ̃́-(xéʔe)* *tɨ̃́-(ppaiko)*	*tɨhẽ̃*
031 BONE (32)	*-tanə́*	*j-ôtîpî-rî*	*nᵈúú*		*bákkiɨ̃́*	

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
032 EGG (268)	-hádə	*pumo	hiwanᵈá		*íí?yíï	*hí
033 GREASE/FAT (267)	kḗiʌ, tubã	*katɨ	nij- 'fat', nínᵈií 'prepared fat for eating', raatjeja 'soup fat'		*díïriba	*pa(de), *pa(ihĩ)
034 HORN (269)	-si 'horn, thorn, point'	*retɨ-rɨ	tujuroó	**(m)óka(x)i?to	*(óka)-(x)ítto (iyáábetto)	?*(mó)kai(to)
035 TAIL (121)	-nətá 'tail, stern'	*arokɨ 'tail, penis'	mu̠síj	?**(ib)o?oo	(íïbo?o), (bógaá), (gagááíße)	(o?oo)
036 FEATHER (270)	-ɲefʌ	*apôri-rɨ PPek *aroko	mú hasíj 'hair, small feather', nipya 'wing'	?**(ga?a)pe 'fly-3'	*íí?xɨ̈-ne, *x-ne 'feather'	*()pódo
037 HAIR (10; 243)	-kabe 'head hair'	*(e)tipotɨ-rɨ	hasíj -mu 'CL:feather' yg-P		*íí?xɨ̈-ne 'body hair' *nígaï-xɨ̈ine 'head hair' *nígaï-(ko) 'head hair'	(tapáĩhĩ) 'body hair' *i?po-?ti() 'head hair'
038 HEAD (8)	-tai	*pu-tupô	hu̠nǫ́		*nígaï	(otó-ki)
FOREHEAD (9)	-túdu	*pe-rɨ	mǫ́, mǫ́ǫ́		*ímiko	(otó-ki)
039 EAR (7)	-bei	*pana-rɨ	tuwáa̠j	??**()po	*níxɨ-mɨ̈?o	(hepo)
040 EYE (6)	-ákʌ / -?ákʌ -ɲesidiákʌ 'eyebrow'	*ônu-ru	ni̠síj hu̠nú̠tja̠á possibly from 'protect, watch over; 'heart, pulse'?		*(me)-?áájïi	*ohí-(ti)
041 NOSE (5)	-pəta	*ôwna-rɨ	nu̠rú̠u̠	**topo-(?o)	*tíxɨ-?, *tíxɨ-?(exi)	*topo
042 MOUTH (2)	-ɸí	*mɨta-rɨ	hu̠tóó -hu̠ (inalien)	**(-)po(e)	*íí?-xɨ	*poe
SALIVA		*ôtaku 'saliva'	hu̠ríí 'saliva'	**po(e)-no-() 'saliva'	*xɨ̈-(rɨ) *xɨ̈-(ní-ba) 'saliva'	??*pó(e)-(no-hĩ) 'mouth-liquid'
043 TOOTH (4)	-kónĩ	*(j)ô-rɨ	haanᵈá	??**ii?-gi()	*íí?-gáí-neé 'tooth-finger-?' *(mé)-íí?gá(xɨ̈)	*i?ti?-to
044 TONGUE (1)	-sonə	*nuru	nᵈaatʃíj	??**()pe	*(mé)-?níxɨ-	*(h)ĩyíï?pe

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
045 CLAW (271)			*hároosíj*	**()-(k)aï-(be)*	*(mé)-ʔóttsɨ-gai-mɨ́ɨʔo* *(atsi)- ʔóttsɨ-gai-mɨ́ɨʔo*	*(onó-k(ai)-be)*
046 FOOT (29)	*-dʌka*	*pupu-ru* PT *htôpu* 'heel' *pu(pu)-tôpu* 'heel' (foot's stone) *pɨta* 'sole'	*nɨ́mṵtú*		*(mé)-ttɨ-ʔaaáí*	*eʔyɨ-()*
047 KNEE (27)	*-kodói*	PT *(w)ereːna* *ôtʃôkumu-ru*	*hanᵈasíj*		*(mé)-mɨ́mo-()* *(xóónoga, xéénoga)* 'shin'	*(kainɨ-kɨ)*
048 HAND (22)	*-domĩ*	*ômija-rɨ* *amo-rɨ*	*homṵtú* *vi-niteli* (Peba- Rivet)		*(mé)-ʔóttsɨ́*	*onõi*
049 BELLY (244, 272)	*-pə* 'belly, pod'	PT, Ap *waku-ru* ?*(e)wenɨ* ?*wetVpu*	*píjetʃuuj* 'stomach' *púnijej* 'stomach, belly' *wumṵ́* 'stomach, belly, entrails (inalien), interior'; *taṇasíj* 'bird stomach'	**xeʔbae-()aï* **xebae*	*(mé)-íʔbá(i)* *(xɨ́biɨ̃)* 'belly' *(mé-ke)-máčʃo-(i)* *máčʃo-(xota)* 'stomach'	*hebae,* *(he)bae-goi()*
050 NECK (13)	*-ɲekə̃́i*	*pɨmɨ-rɨ*	*hṵtunṵwṵ́ṵ*		*(kédáá́ʔɨ), (mékétti?ɨ)*	
051 BREAST (15)	*-ɲeé* 'breast'	*manatɨ-rɨ* PT *tʃutʃu* 'milk'	*nᵈuutúuj* 'chest, thorax' *nᵈuutunᵈí* 'chest, sternum', *hɨtjaá* (*-haá* = 'liquid' classifier) 'chest, breast, teat'; *pene* 'breast' (Yagua-Rivet)	**mõ(ʔpai)nai* 'woman's breast', **xebae-gai* 'chest'	*(mé)-mɨ́ppaine* *(mé)-ppɨ̃ɨ-xɨ* 'chest' *(xɨ́biɨ̃ga, kɨ́idiɨ̃)* 'chest' *mɨ́ɨ(kko)ʔo* 'chest'	*mõnoi* *(he)bae-goi()* 'chest'

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
052 HEART (GUTS) (34)		*ôwanô	haatʃíj, hunútjaá [hunu̲y 'live']	?**ko()	*(kii̋dii̋) *(mé)-xɨ̋bii̋	*kome(ki)
053 LIVER (273)	-tú	*ôre	sukatjú, huwatu	??**(ʔg)an(oxi)	*(mé)-íʔgá-né	(banóhi)
054 DRINK (274)		*woku-ru (N) *ônɨrɨ (V)	hatú 'drink' (V) hatóó 'go to drink in other location' tuutuú 'drink' (V used with children)	**xido	*ado, (ádikíni)	(hidó)
055 EAT (275)	baʔi	*[t-]ônô 'eat meat' *[t-]ôku 'eat bread' *aku 'eat nuts' *ônapɨ 'eat fruit' *ôt-ôku 'eat (v.intr)	himjíj 'eat' mutʃééj 'suck'	**d(o)ʔ 'eat meat' **gõĩ(ne) 'eat fruit'	*doó-(ʔ) 'eat meat' *geéne 'eat fruit' *maččo	*diʔ-(te) *()tõ() 'eat fruit' *gõĩ 'eat fruit'
056 BITE (276)		*ôteka	sanᵈó 'bite, give electric shock'; súu̲j, suu̲mju̲túuj 'chew, bite'; toj 'bite and take in pieces'		*ɨɨʔdo, (dɨgɨ́kkɨ) (denókko), (dɨgeʔxɨ́kɨ)	*ainɨ́
057 SEE (277)		*ône	nᵈíj 'see, know' hunúj 'see, look at, watch, show'		*aittɨ̋mɨ(ɨ̋té), (mɨ́ɨkkɨ) (díxií), (ii̋xe)	
058 HEAR (278)		*ôta	tuwa̲a̲tʃú		*geébo	*kaká
059 KNOW (279)		PT *waːrə (postp) *putu (Vtr)	nᵈáátja	**gaka	*gaaxá(-ki) (piiβéte)	(áka)
060 SLEEP (280)		*wônɨkɨ 'sleep₁' *wetu(mɨ) 'sleep₂'	hiítuuj máj		*kiga	(i)nɨ́
061 DIE (281)		PT *apəepɨ PPar *wajipɨ	nᵈiíj		*gɨxɨ́-βe (čééme)	(dzií)

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
062 KILL (282)		*(t)wô(nô) 'kill, shoot' PT *pɨnə[pɨ]	nᵈúú 'kill by blowgun or throwing; do witchcraft to someone'; huwáj 'hit, fight, kill'; hántjuunʉwa̰j 'kill, torment'; mʉ́nʉ 'kill, allow to die'		*gíxɨ-βé-tso *gíxɨ-(ni) (gáikkáao) (gáiïï̃ʔáro)	*()ne(ʔ)-()
063 SWIM (283)			nʉníj	** íʔtí	*ittsi	*iʔi
064 FLY (284) FLY (141)		PT *werewere (N) 'go with wings'	ratje 'stretch, arrange, heal, fly'; hií 'fly' (V) nurʉ́ 'fly sp.' (N)	?**(gaʔa)pe **ginikaï (N)	*gaʔape (gaaméne) (gíinixa), (ééteba), (tsiïʔéi), (naʔba) (N)	(pee) (daiʔi) *(iní)kɨ (N)
065 WALK (285)		*[w-]ôtepɨ 'come₁' *[w-]ômôkɨ 'come₂' *[wɨ-]tô[mô] 'go'	rupʷíij		*ge, (tadíʔki), (rixákko), (peé)	*maká(di)
066 COME (286)		*[w-]ôtepɨ 'come₁' *[w-]ômôkɨ 'come₂'	hʉníj		*tsaá-(pé), (náʔxɨʔe)	(bíʔ-te), (a, e, i, aihi)
067 LIE [DOWN] (287)			tirjó, tírjo̰		*(tsío)-kini (ááka-ne) *(tó)-g(ɨ)ï-kkiní *kagááí-(βe)	
068 SIT (288)		PT *ewai ereuta Hixk, Mak	ma̰sá		*(ak)ï-kkini *kaʔts(ï)βe *(čai)ʔts(ii)βe	

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
069 STAND (289)		*n-aun, n-aumu* Tiriyo *nawoːmɨ-i* 'stand up' Karinya-Sur	*nuɰ́mᵇéésumij* 'stand up' (*hasumɨy* = 'go up, ascend'), *nɰ́mᵇéésij*		?*(gaaméne) *(í)xo(k)ɨ́íße*	*nai?tai*
070 GIVE (290)	*yi-kə́-ẽ-ĩ* 'Give him something!'	*utu* 'give, put' *[t-]ɨrɨ* 'make, do, give, put' PPar *[tɨ-]mɨ* *ekarama* 'gift O (with something)' *arama* 'put away'	*saáj*		*akki (éxekkájo, éxekkáigo)*	*hi?-(te)*
071 SAY (291)		*[w-]ka[ti]* 'say₁', *a(p)* 'be₁, say₂' PV *tarô* 'say₃'	*huutáj*, *nɨkee* 'talk'		*xiïb(ái)ge* *neé, (i?xíßa)*	
072 SUN (64)	*ĩ̃ɒ̃*	*weyu* *titi* 'sun₂'	*hinjí*; *wana* (Peba-Rivet) *raitarra* (Yameo-Rivet)		*kóoxɨ-e(ppi) ni?i-ba*	(hi?tóma) (nééna)
DAY (67)		('sun')	*hʉnᵈa* *rʉnᵈa*		*kóoxɨ́*	*móna*
073 MOON (65)	*pó?dəə̃*	PT *nunnə* *nunô*	*wʉhjẹej* (= *wʉj* + *haaj* 'our + father') *hanɨmjʉrí, harimjʉní*		*pékkó-e(ppi) ni?i-ba*	*pi()*
074 STAR (66)		*tirikô*	*hʉnᵈarit∫íj* [Contains root for 'day'? Some (mild?) taboo on referring to stars with this word?]	?**()?ko?do()	*mɨ́kíri-gai*	*o?kó?to*
075 WATER (48)	*dú?u*	*tuna*	*haá* (also = 'CL.liquid')	**nõ-()	*ní-ppaiko* [water-liquid]	*(hai-)nõ-hĩ* [?-water-liquid]

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
076 RAIN (62)	dǝ́-i	*konopo	rúúmurá (N) ruụumᵇonᵈá	**nõ-xĩ	*nííxa-ba [water-?]	*nõ-(ki) *nõ-(hĩ)
077 STONE (73, 251, 55)	ɸisi	*tôpu	há-witʃú rá-witʃú wanᵈanjú 'species of stone', 'cascajo'	**goti 'stone, rapids'	*gíítsi-ba (négai-(ne)-i) (gíítsiĩ) 'pebbles'	(nopị-ki) (gotíʔ-ki)
078 SAND (74)		*saka(w) *samutu	títʃaá, sintjatị́ 'sand for polishing blowguns' (from sintja 'polish blowgun')	?**(k)onigiĩʔĩ	*(xíí)né-gai-yị́-ʔ-ai	??*(koni)dziĩʔ(ị)
079 EARTH (72)	ɲõʔĩ	*nono 'earth'	múkanᵈíi, múko, múki -ko CL.earth, nụṇiy 'garden, field'	**xáénị̃ʔ-xẽ	*xííni-xɨ	*aenị̃ʔ-ẽ *aenị̃ʔ-dõẽ
080 CLOUD (247) [CLOUDS AT REST]		*kapurutu	nụwatʃíj 'cloud, smoke' rápurjehéj 'storm clouds' wákanᵈahuukii 'quiet clouds'	**xi(moo)ʔ-piʔo	(áimóó-ppai(ʔ)o) (βaaímeítíne ottso)	(hiʔpíʔo)[1]
081 SMOKE (59)			nụwatʃíj 'cloud, smoke' nǻwatʃij 'cloud, smoke; fragrance, smell' hiinᵈawatʃíj híinᵈáj = 'fire'	**xi(moo)ʔ-piʔo	(áimóó-ppai(ʔ)o) (ottsoi)	(hiʔpíʔo)
082 FIRE (56)	ʌʔpa	*wepeto *mapoto	híinᵈáj		*kííxi-gai (kotsííbai)	(idái-ki)
083 ASH (57)		?*wôreiCV	púpuhurú		*báí-gííxi	
POWDER, DUST(372)			hiru, huru	**xáénị̃ʔ-()	*pá-giixi *(xííni)-giixi	*aenị̃ʔ-hiβóda

---

[1] Probably hiʔpííʔo (cf. Aschmann's #59, hiʔpííʔo 'smoke', and cf. Ocaina jahfíího for both.

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
084 BURN (VINTR) (292)		*jatu (Vintr) *uk(w)a (Vtr)	piisijéj; píísiij 'iron' (V); burn', rúpaj 'burn, light (a fire)', nutʃa 'burn completely (Vtr)'		*(xigatso) (mɨrai-βe) (áiiβétso) (kátsiʔxáko)	
085 PATH (85)		*ôtema(-rɨ)	mantjá nú	**(na)xɨ	*xiɨ-()	?*tɨ(do)(p)e(ta) *nahɨ(to)
086 MOUNTAIN (293)	dedai 'mountaintop'	*(w)ɨpɨ	musíj		*gáxiɨ́ *káme-(βo)-gáxi *báaiɨ́ *káme-(βo)-ʔbáai	
087 RED (294)	peɒ-i 'red'	PT *t-aːmiː-re ?*t-a(k)pi-re	rúunáj wá-ranⁿda 'reddish' wá-ranⁿda 'reddish' wá-ranⁿdapó 'reddish'		*tɨ-ppai-ne cf. 'blood'	*hĩãɨ̯(hĩ)
088 GREEN (295)	paʔ		haatjá 'raw, immature' súnu 'blue, green' wá-sunú, wá-sununáj		*aittɨ́βá-ne	*mokó-()
089 YELLOW (296)			wá-sununⁿdíí sununⁿdííwaj 'be anemic, palid'		*gɨ́í(-giβa)-ne *gɨ́(-kká)-ne-(íβɨ́)	*boda
090 WHITE (226)	póʔte-i	*t-a(re)mutu-ne PT *kananamano	há-paru, wá-paru páruuj 'become gray, white' pupá	?**(o)te(te)	*tsɨ́tsɨɨ--ne	(ote-de-te)
091 BLACK (227)	uɒ-i tí-pʌdə̃	?*t-puru-me/ke	wá-nⁿdaku wá-nuku	?**(xi)ʔtɨ-()	*kɨ́βe-ne (báttine)	*hiʔtɨ́ʔ-()
092 NIGHT (68)		*koko	núpoorá		*pekko	*nai()
093 HOT (223)		?*atu(NV)	wá-nⁿdakíí wá-nɨkií wá-nukií wá-nǫ́ 'lukewarm, hot'		*áígookkó-né (péémeβako-ne) (gánókóó-ne, gánékóó-ne)	
094 COLD (222)		atono *t-ɨnotɨ-me	kanuwu wá-kanuwú súnⁿdoo		*tsiɨ́ko (dáɨ́ʔkoó)	*doti(-de-te)

	Andoke	Cariban	Yagua	Proto-Witotoan	P-BM	P-HO
095 FULL (297)			*mírjanu̱, mú̱rjanú,* *panu̱hó* (thing), *póónju̱* (animal or person), *mu̱tʃani̱tʃí* 'full person/animal', *hi̱to̱ma̱* 'be full, be enough'		*gaʔape-né* *(tsane)* *gáʔap(e)(k)kïnḯ-né (gáíttóoki)*	
096 GOOD (224)		*kure*	*sámʷi̱j, sámu̱j, sámʷi̱* 'pretty, good, clean, beautiful, delicious', *rántjée* 'good, pleasing, suited, suitable', *wá-seé* 'straight, true, right, correct, good'	?**(e)meá(d)e*	*imí-ne* *imí-(gayï)* *(ímɨáá)-ne*	*(made)*
097 NEW (298)		PT *kaenano*	*wá-nᵈi* 'new, recent', *hú̱j-, wu̱j-* [prefix] 'new, recent'		*béʔe-ne*	
098 ROUND (299)			*wá-tato̱* 'round, circular' *wá-tu̱u̱nú* 'round' wá-tuuríij 'round, spherical'	?**(i)paï	?*(ékɨi)* *(-tɨɨrɨ, -teerɨ, -tɨɨre)* *(pá(i)geβéʔroi)* *pá(tté)ï*	*(ikoípoi)*
099 DRY (300)			*hiikánᵈa* 'dry branch' *wá-nᵈsa* [cluster due to vowel deletion between two alveolars] *wá-sá, wá-ssá, wá-tsá* *susáá̱* 'dry sth.' (V) *wíirú̱, wúdnu̱* (probably *wúnᵈnu̱*), *wúnu̱* 'dry, powdery; ruined'		*(píígai-ne)* *(áraaβéne)* *(dáárɨ-ne)*	?*(hãʔ)ta(pé-dete)*
100 NAME (301)		*ôtetɨ*	*hi̱tjá*	**maime*	*meme*	*mame*

Appendix 2: Greenberg's Macro-Carib Etymologies Compared with Modern Data

This Appendix lists all Greenberg's (1985) proposed Macro-Carib etymologies, divided into two parts. Part I contains just those putative Macro-Carib forms that he did not propose also extended to Proto-Amerind. Part II contains putative Macro-Carib forms that he believed did pertain to the Proto-Amerind etymologies. For each proposed etymon, Greenberg's data is given in the first row in bold italics. Our "modern" data is given in the second row. Numbers in the first column refer to Greenberg's Macro-Carib etyma numbers. We continue to be interested in offering the maximum number of possible cognates, so again, we have sought to put as many forms as possible in each cell of the table. We are not concerned by repetition of forms in the table, as these rows do not represent putative cognates, but only a selection of forms within which cognates may be sought.

Occasionally we have listed specific Witotoan language forms (particularly when Aschmann 1993 has no relevant reconstruction): B = Bora, M = Muinane, O = Ocaina, Hp = Nɨpode Huitoto, Hn = Mɨnɨca Huitoto, Hr = Murui Huitoto. Additional sources consulted in such cases are Burtsch (1983) for Murui Huitoto (Hr), Leach (1969) for Ocaina (O), and Thiesen and Thiesen (1998) for Bora (B).

Appendix 2.1 The Macro-Carib Etymologies

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
1	ANT			*ətenua*	
		-*da* (Cl)	**iraka*, PPar **tukuyi*, **kɨjawôko, juku, mɨkakô*	*háti̯* 'army ant', *hi̯tyiinṳ́* 'ant sp.' "sitaracuy", *nṳnṳ́* 'large black ant w. painful bite', *tápṳnṳ* 'ant sp. similar to isula, army ant'	BM **píime(ba)*, HO **(dakɨ́-goi)*
2	BEAUTIFUL		**kuule, kure, kxura* all: 'good'		*xarooga*
		ɸəʔɲe-i	**kure*	*sámɨj, sámṵj-* 'beautiful, good'	?***(e)meá(d)e* 'good'
3	BEHIND			*mowe*	*moɨ-, muun*
		-*tã́*	? **(n)mapu(nu)*	*muta̤asá, hṵsíj* 'behind', -*mǫ́-wa* 'in front of' (< *mǫ́* 'forehead + -*wa* 'in, along')	BM **(tsatsíi), *(-βi)* 'at'; Hp/Hn/Hr -*mo* 'at' (Aschmann 1993); BM **imɨko* 'forehead'
4	BLACK		*Mekorom, mayeneng*	[michalay]	*mukohə̴rike, mokoreti, mokorə̴* all: 'blue'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
		ʋɒ-i *tí-pʌnə̃*	*ʔ*t-puru-me/ke* *mekoro* <Eng *negro* Bak. *t-əmɨguɨ-ne*	*wá-nᵈaku, wá-nụku*	*?**(xi)ʔtɨ-()* BM **kíβe-ne (báttine)* HO **hiʔtɨ́-()*
5	BOW		*taku	*tikuiña, otaki* 'arrow'	
		pã̄hã̄-se 'arrow' *ĩ-kə̃*	*wɨrapa-rɨ	*kạạnụ́* 'bow', *háátʃityạạ́,* *ruwéé, ruweeroó* all: 'arrow'	***tɨ()*; BM **táí-tɨ̄ɨ̃bo-ga*; HO ?**k(oe)- tɨ()* all: 'my bow'. ***tɨ()*; BM **gáínɨ̄ɨ̃-ga*, **tɨ̄ɨ̃bó-* *(ga)*; HO **(kanɨ́ʔta)* all: 'arrow'
6	BRANCH		*ipolire, porirə, pəli*		*iforo*
		-nő̃ka; -də, *-ta* 'tree.Cl'	PT *ipəri-rɨ	*-tii* 'CL.branch'	*?**(ai)me()* 'tree' ***(ai)me-nai-()* 'stick'
7	BREAST		*manate, mangu, emane*		*mono, monoɨ, omonyhy, munia* 'milk', *monnø*
		-ɲeé	*manatɨ-rɨ PT *tʃutʃu 'milk'	*nᵈuutúuj* 'chest, thorax', *hịtjạạ́* 'female breast, chest, teat' (cf. *-hạạ́* 'CL.liquid')	***mõ(ʔpai)nai* 'woman's breast'
8	BUTTOCKS			*teli*	*tirao*
		-nə̃dé	*pupɨtɨkɨ	*tínᵈiy, turⁿᵈiy* 'buttocks'	Hr *moĩllɨ iduraĩ̧*, O *hajĩáánhun*, B *déjuu*
9	CHEEK			*paxo, ipæpok*	*fa'xon*
		-kʌta (jaw)	*peta	*mạyá*	
10	CHEST			*upeko* 'neck'	*mex-pikua, bagoo'ja, ogob*
		-tú-ta-nə̃	*puropɨ-rɨ	*hụtunụwúụ* 'neck', *nᵈuutúuj* 'chest, thorax'	**xebae-gaï
11	CLOSE (V)		*apu, ot-apu-raz, apuru*		*ipua*
		y-ʌ-a-diko (Ciérralo!)	*apuru (Vtr)	*púrji-* 'closed', *pirjej* (Vintr) 'close [road, tube]', 'become cloudy', *púrjee* (Vintr) 'close [road, tube]', 'become cloudy [sky]', 'close eyes'	Hr *ɨbaìde*; O *booʔtu, dʒabooko*; B *áβoʔjáko, kábeeʔáko* all: 'close'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
12	DEER		*kaha, kosari, [coze], kxose-ka		[göhsu], kyto, kiddo, keto, xoo'tjo
		peʔtoʌ toʔbeõ	*(wɨ)kapawu, *karijakô, kosô, PV *waikini	hánáriy	??**()ki(); BM *níiβi-gai, *xiíbai; HO *kiʔto
13	DOG		okori, kule, jeki		høku 'dog, jaguar', eikø, oko, ho'xo
		ĩɲõ	peru, weroro (< Sp. perro) *kaikuti 'jaguar' *akôrô 'jaguar'	nɨnᵇjíí 'dog, jaguar'; káno, kádnó "tigrillo"	**xɨ̱ʔko 'dog, jaguar'
14	DREAM		nik, [gu-enequi-az] both: 'sleep'		neka-ide, no'xaaǰo
		yóʔkoi kə̃ʔéi	*wônɨkɨ 'sleep₁' *wetu(mɨ) 'sleep₂'	híituuj 'sleep' mą́j 'sleep' mạrjịisa 'dream (v.)' (historically complex)	BM *kiga 'sleep'; HO *(i)ní̧ 'sleep'
15	EARTH	ñohe			jinioxee, injuhe, na;aaxo, nanexe
		ɲõʔĩ	*nono	mų́kanᵈíi 'earth', nųnịy 'garden, field'	**xáénị̧ʔ-xȩ
16	ENTER	dia-to	eta, ida, ta all: 'inside'		du 'penetrate'
		nõ yi-ẽʔɨ̣́i (yi-a-tõ 'go underwater)	*[w-]ômô(mɨ) 'enter' *tawô 'inside'	wimų́ 'inside, inside of', nᵈúú 'shoot/hunt by blowgun, blow'	?**(ka)pai() 'pierce', ?**(t)aiʔde 'dig', **poonoʔ 'blow'; B boó, buúúβe 'penetrate'
17	EVENING	nejejma		ñuwa	naɨɨo 'night'
		hʌʔpʌʌ́	*koko 'night', *kok-mamɨ 'nightfall (v.int)'	núpoorá	BM *pekko, HO *naï 'night'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
18	EXCREMENT	*umahe-hëh* 'I defecate'		*dometjina* 'latrine'	*namee, ma-name, nemu, nemoon'in*
		-ɲé 'feces, entrails' *o-mãʔi-i* 'I defecate'	*weti/*watô 'feces', *weka 'defecate'	*(hu̱)wu̱di* 'feces', *kina̱j* 'defecate'	Hr *nemuìe*; O *num̃oonhin*; B *name* *all:* 'excrement'
19	EYE			*vi-nimi-ši, we-nin-se*	*tha-njemi* 'forehead'
		-ákʌ/ -ʔákʌ 'eye' *-ɲesidiákʌ* 'eyebrow'	*ônu-ru	*ni̱síj* 'eye', *hu̱nú̱tja̱á* 'eye' (from 'protect, watch over?'), *mó̱, mó̱ó̱* 'forehead'	BM *ímiko, HO **(otó-ki)* 'forehead'
20	FAT (OIL)	*kehə* 'oil'			*kwi, kwihi, kwahihi* 'oil'
		kḛ́iʌ, tubã	**kati̱* 'fat (N)'	*ni̱j-* 'fat' (adj.), *ní̱nᵈií* 'fat, lard' (n.), *raatjeja* 'soup grease' (n.)	BM **dí̱i̱ri̱ba* 'grease'; HO **pa(de), *pa(ihĩ)*
21	FOOT		*tapu 'heel', *utapo* 'footprint', *idebu*		*ko-itebo, etaiboi, topuuxo* 'heel'
		-dʌka	*pupu-ru PT *htôpu 'heel' **pu(pu)-tôpu* 'heel' (foot's stone) **pi̱ta* 'sole'	*nú̱mu̱tú* 'foot', *hároosíj* 'heel'	BM **(mé)-tti̱-ʔaaáí*, HO **eʔyi̱-()* *both:* 'foot'
22	FOREHEAD			*mwɔ, (vi-)mo*	*tha-iimi, (me-)mi, ʔime* 'face'
		-túdu	**pe-ri̱*	*mó̱, mó̱ó̱*	BM *ímiko
23	GIVE		*i* 'put', *i(ri)* 'put, give'		*i*
		yi-kó̱̃-ẽ-ĩ 'give him something!'	*utu 'give, put', **[t-]i̱ri̱* 'make, do, give, put', PPar **[ti̱-]mi̱* 'give', *ekarama 'gift (Vtr)', *arama 'put away (Vtr)'	*sa̱ája̱j* 'give', *baj* 'put, put away, guard', *tohá* 'put'	BM **akki̱*, HO **hiʔ-(te)* *both:* 'give'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
24	GO	*ta-boe* 'he goes'			***pe(-ku)*** 'go!', ***me-pei, yfo*** 'let's go'
		hẽ-ɔ̃-ka 'go!'	**[wɨ-]tô[mô]*	*hijá* 'go', *rupᵂíij* 'walk'	BM **(peé)* 'walk'
25	GRAND-FATHER	*ǰapitah*	*apif'i*		***pathoa***
		yoʔtapʌ	**tamo(ko)*	*ha̱pá* '(his/her) grandfather'	Hr *usuma*, O *uuʔto*, B *taʔdíu, taʔdíjo*
26	HAND		****ñali, ji-njadi,*** [entzarri], *ui-ñatore*	***vi-niteli*** (Peba)	
		-domĩ	**ômija-rɨ, *amo-rɨ*	*homu̱tú*	BM **(mé)-ʔóttsɨ́*, HO **onõï*
27	HEAVY		***ameʔne, amunine, t-eeme***		***mee*** 'weight', ***maaji*** 'weight'
		yore yore (ideophone)	**amôti-ma/-ne*	*híin-* 'heavy'	BM **(békki-ne), *(pátiïkɨ́-ne)* 'heavy'
28	HOT		**uka* 'burn (v-tr)'		***kogoro, 'aigukunu,*** [äocke] 'sun'
		páʔ-mõnõ-i	**uk(w)a* 'burn' (Vtr) **jatu* 'burn' (Vintr) ? **atu(NV)* 'hot' (A?)	*wá-nᵈakíí, wá-nu̱kií, wá-nu̱kií* all: 'hot' *wá-nǫ́* 'lukewarm, hot', *hinjɨ́* 'sun', *piisijéj* 'burn', *pɨ́ísiij* 'iron, burn' *rúpaj* 'burn, light (a fire)' *nu̱tʃa* 'burn completely (Vtr)'	BM **áígookkó-né, (péémeβako-ne), (gánókóó-ne, gánékóó-ne)* all: 'hot'; BM **kóoxɨ́-e(ppi), niʔi-ba,* HO **(hiʔtóma), *(nééna)* all: 'sun'; BM **(xigatso), (mɨrai-βe), (áiiβétso), (kátsiʔxáko)* all:'burn'
29	HOUSE		***eka*** 'sit', ***aga*** 'seat', ***kə*** 'stay'		***ha, xa, (mee-)ha, ixa, -ko***
		-pəko	PT **ewai* 'sit₁', **erew-ta/ma* 'sit₂'	*-ho* 'CL:place', *ma̱sá* 'sit'	***xop(o)* 'house'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
30	HUSBAND₁		*wane*	*wanũ* 'men', *rai-wano* 'my husband'	
		-kɒ	**nɨjo/*mɨjo* 'husband' **wôkɨrɨ* 'man'	*wá-nu* 'man', *raj-wanu* 'my husband'	BM **gai-ppi*, **tsaa-ppi*, HO **iʔí* all: 'man'
31	HUSBAND₂		***ino**		*inuj, iñi, oonna*
			*nɨjo/*mɨjo		BM **áíxɨ̃, *taxɨ, *áí-táxɨ̃* 'my husband'; HO **j̃ini*
32	LARGE	*mə(ks)nio-həh*	**moonomi, mon-me* 'thick', [*hu-emanupi-aze*] 'grow'		*moni, aamon* both: 'grow'
		ĩʔõ- (*-mə̃kə̃-* 'long')	PT **mono* 'large', **-imô* 'Augmentative' **atɨta/*anɨta* 'grow', **tɨpɨti-ma* 'thick'	*haamíj, háámu, -kɨ, -kɨ̃, -koo* 'big, large, fat (inanimate)'	BM **mita-ne, *giraa-ne, *kee-(pi)-ne, (bókki-ne)* all: 'big'
33	LEG₁		*ite, či* 'foot'		*(mex-)tea* 'foot', *idɨ, (mex-)tia, idaɨ* 'foot'
		-pənə̃	**pupu-ru* 'foot' **pɨta* 'sole'	*nᵈuuséé* 'lower leg'	**(*ï*)*dzaʔkai(do)* 'leg'; BM **(mé)-ttɨ̃ -ʔaáí;* HO **eʔyɨ́-()* both: 'foot'; BM **(mé-(i)tooinóxɨ)* 'shin'
34	LEG₂			*wi-mana*	*oemana*
		-pənə̃	**pupu-ru* 'foot' **pɨta* 'sole' ? **pôre(-pɨ/pa)* 'leg'	*mudá* 'upper leg' *n"umutú* 'foot'	BM **(mé-kkíbaá), *(ídi)* 'thigh', **(xóónoga, xéénoga)* 'shin'
35	LICK		***ame**		*me*
		ʌ-a-bã̃ʔa 'lick/suck it'			

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
36	LIGHTNING		*imere* 'thunder, lightning', *mørury* 'thunder', *imemuru*	*malajere*	*bor(-ide)*
		dúʔdə 'I thunder'	PT *manan manan* 'lightning'	*ráanᵈujaará, raánᵈuurja* (n.), *nᵈanujá, hanᵈuuyá* (v.), *ruúwatarja* 'thunder' (n.), *huwataj* 'thunder' (v.)	??**(n)ame(); BM *(námï-ba), *(roríʔko);* HO *améʔyo*
37	MAKE			*ne* 'be occupied with', *nane, nene*	*(me-)ne, nuu*
		a-kə̃, ʌ-a-ti	*[t-]ïrï,* PPem *kupô*	*hiwáaj* 'make', *nᵈiká* 'occupy'	Hr *fïnode;* O *nuu;* B *meénu all:* 'make'
38	MAN		*tama* 'boy'	*atin*	*thimae, tieme*
		yóʔhʌ	*wôkïrï* 'man'	*wá-nu* 'man', *nᵈee-nú* 'boy, son', *pí* 'son' (vocative)	BM *gai-ppi, *tsaa-ppï;* HO *iʔí*
39	MONKEY₁			*nymni* 'howler monkey'	*nome* 'howler monkey'
		úɒ (howler)	*arimi* 'howler monkey'	*kadná, kanná, nunú all:* 'howler monkey'	**io, (name)* 'howler monkey'
40	MONKEY₂			*amu*	*homa, ame*
			itjo 'monkey (species?)'	*mukúja rawinéj* 'monkey (sp.)', *mútʃoó* [multiple other species names]	**io;* BM *(name), *(ío, íyo);* HO *(io iyo) all:* 'howler monkey'; BM *(tʃoyíyi), *kiʔdʒïba;* Hp *(hóma) all:* 'cebus (capuchin) monkey'
41	MOON₁			*aremane, alimane, remelane, arremelen*	
		póʔdəə̃		*wuhjeej* (< *wuj-haaj* 'our-father') *hanimjurí, harimjuní, mírjantukíi* 'full moon'	BM *pékkó-e(ppi), niʔï-ba;* HO *pi()* 'moon'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
42	MOON₂		*nuuna, *nunuø		nəhna, nẽna 'sun'
		póʔdəə̃	*nunô PT *nunnə	hinjí 'sun'	HO *(nééna) 'sun'
43	MOUTH	mətʲewi 'lip'	j-emtala, mtar, mda		
		-ɸí 'mouth' -noé 'lip'	*mɨta-rɨ *ôtipi-rɨ 'lip' *potɨ-rɨ 'beak, point'	hutóó 'mouth', híínᵈuj 'lower lip', huⁿᵈáj 'upper lip'	**(-)po(e)
44	NEPHEW	opitu	poito, paito 'son-in-law'		
		-sepo 'sister's child'		pí 'son' (voc.), ráni 'nephew' (voc.), nᵈeenuwítʃi 'nephew of sibling of same sex as ego', haⁿᵈtʃá 'nephew'	Hr enaìse, komoma; O ooho, huʔtóóma; B beébe all: 'nephew'
45	NOSE		*onali, j-enari, unari	y-niru, vi-nerro	
		-pəta	*ôwna-rɨ	nurúu	**topo(-ʔo)
46	NOW		ereme, erome, erome all: 'today'	errama	
		nĩ̃pʌ-kə̃ə̃	? *amenarô	nᵈíívjee, nᵈííjee both: 'today, now', nᵈííjeerundá 'today', wápuma 'right now', hijú 'here'	Hr biruì, bimonado 'today'; O buroóʔ 'today, now'; B íʔjahtʃííhju, íhkjoóhɨ all: 'today'; Hr ha(a), haiße; O háj, náʔá; B ííhju all: 'now'
47	OUT			mans 'go out'	maña(-ha) 'go outside'
		-ɸʌdi		masíj 'go out(side)', mᵇiimú 'outside'	Hr hino 'outside'; O haaun 'go', xooñu 'outside'; B peé 'go', áatʃi, ihtʃi 'outside'
48	PENIS		opengo, enpen	hapwe, wi-pinši	
		-di	*arokɨ 'penis, tail'	hápʷɨ 'penis'	?**(ib)oʔoo 'tail'; BM *(náméʔo) 'penis'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
49	PERSON		(-*komo* 'Pl')	*komolej*	*komoene* 'people', *kome* 'person'
		hʌ́ihʌi	**wɨtoto* 'person', **karipona* 'person', **-komo* 'collective'	*nɨhja-mʷi, nɨhjam-waj*	***()miʔnai*
50	PIERCE		*po, pə, axpe*		*fefo*
		ʌ-a-yɒʌá	**atpo*, PT **toreka*, ? **puka*	*nʉreesíij* 'make hole in, pierce'	?***(ka)pai()* 'pierce', ?***(t)aiʔde* 'dig', ***poonoʔ* 'blow'; B *boó, buúúβe* both: 'penetrate'
51	RAIN			*tomara*	*tomonahi* 'rainy season'
		dó-i	**konopo*	*rʉ́ʉ́mʉrá, rʉʉmᵇonᵈá* (n.), *hʉ́mʉ* 'rain' (v.)	***nõ-ciʔ* 'rain'
52	RED		*t-apire, t-apide*		*texbueʔno, me-tibani,*
		peɒ-i	?**t-a(k)pi-re* PT **t-a:mi:-re*	*rʉ́unáj* 'red'; *wá-ranᵈa, wá-rann̆ᵈa* both: 'reddish'	BM **tɨ́-ppai-ne*
53	RIB		*korori, čurari*		*kiraike* (sg.), *kiraie* (pl.)
		-sodi	**awo-tɨ*	*wíhạ*	Hr *kɨraìofe;* O *faʔtɨ́ɨ́ʔfɨ;* B *mɨ́howa*
54	ROAST			*rujẽ* 'fry'	*Rui*
		y-ʌ-a-ɸaʔa	**puru, *purô*	*rótʃu, harn̆ᵈá, hanʉ́, hánsʉʉj*	Hr *ruide;* O *dʒoou;* B *waʔha*
55	ROPE		*kapuja, kabuja, kabuia*		*oʔkaape*
		pãse	**ôwa(-rɨ)* 'rope' **ôkôju* 'snake'	*kámᵇuhʉʉ, káwuhʉʉ* (Spanish borrowings)	***(i)gai(bai)*
56	RUN		*ta-kane, ta-kani, ekanumi*		*ekain-ite* 'walk fast'
		a-tõ-ẽɲẽ	**ekatu(mɨ)*	*síij, siitʃíj*	BM **ige, (tadiʔkɨ);* HO **maká(di)* all: 'walk'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
57	SHADOW		*amali-li, t-imue-re*		*manaide*
		kaʔhʌi	**amore-rɨ, *ôkatu*	*húntu, núpohótu, kanᶷwᶷ*	Hr *hɨfokoɪ̀*; B *naáβe* *both:* 'shade, shadow'
58	SHORT	*tofitu*		*tapuse*	
		tõʔɸi-i	**tɨntɨ-tʲô*	*hápuu, wápuu, hinrjú* *all:* 'short', *tá-puu-see* 'one piece manioc, one stick, small tree, pencil'	?**()ki()* 'small'; BM **báaʔrí-ne(-ɨβí)* 'short'; HO **ihá* 'short'
59	SHOULDER		*mootali, e-motari, umata*	*vi-omote, namatɔ*	*emodo* 'back'
		-saʔɸʌʔdi	**mota-rɨ*	*nᶷmᶷto* 'shoulder'	HO **(mé)-xíxɨ-ba(i)*; Hr *emódo* 'back' (Aschmann 1993)
60	SPEAK		*ura, j-uro*		*uʔurii-*
		ʌ-a-hʌʎ	?**ôt-uru* 'talk, converse'	*huᶷtáj* 'say', *nᵢkee* 'talk'	BM **xiïb(ái)ge, *neé, (iʔxiβa)*
61	SPIDER	*todə*		*tetiu*	
		dɒdə	**mojoti, *tjawaraka(ru)*	*títju, tútitju*	BM **páaga-xɨ, *paagá-(ji), (xiïmóʔai), (iíkkoxɨ), (doʔgá-xɨ)*; HO **(hebekɨ-goï)*
62	STEAL		*mona, maname, mərə*		*meri-de, muuro*
		ʌ-a-ɸə 'steal it!'	PT **aminôpɨ*	*paranú*	Hr *merɨde;* O *muuro;* B *nani*
63	STONE		**topu, taho, toxu*	*tao* 'mountain'	*tahihë*
		ɸisi	**tôpu*	*há-witʃú, rá-witʃú* 'stone', *warᵈanjú* 'type of stone, cascajo', *toó* 'wilderness, forest'	***goti-; (nopɨ́-ki)* 'stone'
64	SUN		*winai* 'day', *uanu* 'sunlight', *ano-* 'day'	*ini, iñi, wana*	
		ĩɒ̃	**weju* 'sun₁' **titi* 'sun₂' **awatinɨ* 'sunlight'	*hinjɨ́* 'sun'; *wana* (Peba, Rivet 1911); *raitarra* (Yameo, Rivet 1911)	BM **kóoxɨ-e(ppi), *niʔi-ba*; HO **(hiʔtóma), *(nééna)* *all:* 'sun'; HO **móna* 'day'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
65	SWAMP		*(š)akoro 'scum', ikalitao, ikulipato, kuliža		ikare
		ʌ-kákʌ 'pool' ókě̃si 'lake'		wa-kada- 'swamp'	BM *(ípá)-káa-xa-(neba), *káa-(mɨ); HO *kiné-bɨ 'swamp'
66	THIGH		peti, i-piti, petti		ma-pateri 'lower leg'
		-pã	*petɨ	mṵdá 'thigh', nᵈuuséé 'lower leg'	BM *(mé-kkɨ́baá),*ídi
67	TIE (V)		mɨ, mi, mẽ		ma, mai-
		yi-ya-a-őpắse 'tie it!'	?*(m)ômô	pitu, putu	BM *tsíttsɨ̃,*doʔxɨ́n(i)
68	TODAY	ñeahpə		nibia	
		nĩ̃pʌ	?*amenarô	nᵈíívjee, nᵈííjee both: 'today, now', nᵈííjeerundá 'today'	Hr biruì, bimonado 'today'; O buroóʔ 'today, now'; B íʔjahtʃííhju, íhkjoóhɨ 'today'; Hr ha(a), haiβe; O háj, náʔá; B ííhju all: 'now'
69	TOMORROW		koropo, kokoro, kogorone		bexkore 'morning', pekore, ukoro
		úʔnə̃ka	?*koropo	tarimjṵsij, tamjṵsiy	Hr ɨco 'tomorrow', hitɨramo dɨbemona 'morning'; O uuro, haʔíʔi 'tomorrow' B péhkoré 'tomorrow'
70	TOOTH		*je	e	
		-kónĩ	*(j)ô-rɨ	ha̰a̰nᵈá	??**iiʔ-gi-()
71	TREE	doapa, hodeefah both: 'forest'		tapasej; toha, tox both: 'forest'	
		oʔdeɸʌ 'forest' -də/-ta 'tree.Cl'	*wewe/*jeje 'tree' *jutu 'forest' PT *epɨ 'trunk'	toó 'forest'	BM *báxiĩ; HO ?*taɨ-(mą́aʔi) both: 'forest'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
72	TWO		*meni* 'twin'	*nomoira, naramue*	*minoke, minjekə, mena, inama, hanama*
		ʌ-ʎhʌmã (lit. 'with this also')	**atjôkô(nô)/(ne)*	*anᵈa-/anra-/nᵈa-* plus classifier, plus dual suffix *-huy* = 'two' *páriṇasíj* 'twin'	B *-kʰɨ̀ɨ̀* 'dual' (Thiesen & Weber) (Note: Witotoan numbers include classifiers)
73	UNDER		*popo, poxpo* both: 'low', *po* 'come down', *paapo* 'descent'	*popo* 'earth'	*paa* 'low', *baaβi, bu-* 'to sink'
		ẽesi-ka, -kə̃-ka	**ôpinô, *wɨpɨtô* 'descend'	*mɨ́kanᵈíi, mɨ́ko, mɨ́ki* all: 'earth', *-ko* CL.earth, *(ha/wa)pu-* 'low, short', *pupã̃y* 'go down'	**xáéṇiʔ-xẽ 'earth'; BM **giḯ-ne, *baári* 'low, down, descend'
74	VAGINA		**eni* 'vase' ('interior, sheath')		*Iani*
		-yáta	**ôrɨ*	*tátʃij* 'vulva'	Hr *moìfo*
75	WAIT		*mueke, mogo, momoki* 'wait for'		*mat e* 'aguarde'
		a-doáto-se	**mômôku*	*nu̠tuj*	Hr *sedade* 'wait, guard', *okuìride* 'wait', *eenote* 'guard'; O *urooho* 'wait', *fooɲo* 'guard'; B *teʔme* 'wait, guard', *ɨhtso* 'wait', *metéʔmene* 'hope', *pikjo* 'guard'
76	WAX		*moropo, morombe*		*mara* 'gummy'
		pəda		*hu̠tu̠* 'wax', *mara* 'mash'	
77	WHITE		*t-amune, amona*		*mone-ide* 'clear'
		póʔte-i	**t-a(re)mutu-ne* PT **kananamano*	*pupá* 'white', *há-paru, wá-paru páruuj* 'become gray, white'	?***(o)te(te)* 'white'

		Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
78	WISH			*rũũj* 'Desiderative suffix'	*iraine*
		-*Áto*- (verbal suffix)	*(CV)te* 'Desiderative (postposition)'	-*rúj* 'Desiderative', *watá* 'want'	Hr *oìakaide, heruìde*; O *xamááro*; B *imílle wahju, kaáwa* all: 'want'
79	WOMAN		*puiti* 'wife', *i-witi* 'my wife'	*watoa, wato, huitarynia*	
		tii	*wôriti* 'woman₁' *piti* 'wife' PT *no:tʃa[mo]* 'woman₂'	*wá-tuj, wá-tu-rá* 'woman w.out children', *wá-tu-rúj* 'woman w. children'	**-*gai*

Appendix 2.2: Greenberg's Amerind Etymologies with a Macro-Carib Component

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
1	ABOVE[1]	HEAD	*tai* 'head'		*saj* 'head, hair'	*aite* 'high', *aise* 'high'
			-*tai*	*pu-tupô 'head'	*hasíj* 'hair, feather'	***kai()*, ***(k)aime*
2	ABOVE₂	ABOVE		-*epoi, epo, -po*		*afei-ne, ipo, ooʔfo* 'head'
			-*tai* 'head'	*pu-tupô 'head' *kawô 'high'	*hunǫ́* 'head', *nǻwáj* 'above', *hijú* 'above'	BM *nígai; HO **iʔpo-(gi)* 'head'
4	ANGRY	ANGRY		*erexko* 'be angry', *riwo*, *əire* 'fierce'		*riie, riino* 'strong'
					wánunᵈínu, súra-, súrǫ all: 'strong', *níkerjá* 'angry, fierce', *hunᵈa-* 'strong (drink)	Hp *haɨaɨre, riire* 'strong'
7	ARM₁	ARM		*apo:-ri, j-apa-ri, j-ape*		*ko-ipai*
			-*nőka* 'arm, hand, branch'	*apô-rɨ	*haseé* 'lower arm', *nutʃaá* 'upper arm'	??***(o)nãɨʔk()*
9	ARRIVE	COME		*pui, obwi, epu*		*bi*
				**[w-]ôtepɨ* 'come₁' **[w-]ômôkɨ* 'come₂'	*huníj* 'come', *hɨtá* 'arrive', *hɨtǫ́* 'arrive at other place, reach'	Hp *ride* 'arrive', *bite* 'come'; O *faara* 'arrive', *aa, uu, aaji* all: 'come'; B *tsaá* 'come', -*wa* 'ventive suffix'
12	ASK₁	WISH			*amaseo* 'greedy', *basei*	*miče, meǰe*
				numᵇeeríj 'want, request', *nɨrúj*, -*rúj, wǎatá* all: 'want, wish, desire', *himᵇjeenᵈahaachí* 'glutton' (from *himjíj* 'eat')		Hr *oìakaide, heruìde* both: 'want, desire', *hɨkade* 'request', *hɨkanote* 'ask'; O *xamááro* 'want, desire', *xobááʔo* 'request', *íínm̀o, ónhun* 'desire', *hoʔxaaxa* 'ask'; B *imílle wahju, kaáwa* all: 'want, desire'

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
15	BACK₁	TAIL		*-akə, axke*		*kaj*
			-nətá 'tail, stern'	*arokɨ* 'tail, penis'	nᵈúnu̲, runᵈi 'behind, back', rúnu̲ 'hill, back', rúnᵈii 'behind, back', mu̲síj 'tail'	?**(ib)oʔoo; BM *(bógáa), *(gagááíβe); HO *(oʔoo) all: 'tail'
31	BELLY₃	CHEST		*mate, matir, matiri*	*mtʲa*	
			-tú-ta-nə̃ 'chest' -ɲeé 'breast'	*puropɨ-rɨ* 'chest', *ôwanô* 'heart, chest'	pene 'breast' (Yagua, Rivet)	**mõ(ʔpai)naɨ 'woman's breast', **xebae-gaɨ 'chest'
32	BELLY₄	BELLY		*utevui, ido-re* 'chest', *ida, eta* 'inside		*odoh*
				tawô 'inside' PT, Ap *waku-ru ? *(e)wenɨ ? *wetVpu	tawó 'woven bag', wu̲mú̲, púnᵈee 'belly', nᵈuutúuj 'chest, thorax', nᵈuutunᵈí 'chest, sternum', hi̲tja̲á (-ha̲á = 'liquid' classifier) 'chest, breast, teat', -mu̲síj 'in, of', nu̲mᵇéé 'inside of, in the middle of', wimú̲ 'inside, inside of'	**xeʔbae-()aɨ, **xebae 'belly'; Hp fɨnaɨ, hebe 'belly'; O gáxotja 'stomach', gááho 'belly'; B méʔbáuú 'belly', kemáhtʃou 'stomach'
33	BITE₁	EAT		*e:ka, eku, oku* 'eat bread'		*me-ikoe* 'bite', *eka* 'feed', *kai* 'gnaw', *ʔooxo, oxooxa* 'food'
			baʔi	*ôteka* 'bite' *[t-]ônô* 'eat meat' *[t-]ôku* 'eat bread' *aku* 'eat nuts' *ônapɨ* 'eat fruit' *ôt-oku* 'eat' (Vintr)	himji̲j 'eat', sanᵈó, sú̲u̲j both: 'bite', sú̲ú̲mju̲túuj 'chew'	**d(o)ʔ 'eat meat', **gõɨ(ne) 'eat fruit'; BM *ɨ̈ʔdo 'bite', *éékoó, *doó-(xeʔe), *(táí)-do all: 'flesh, meat'; HO *ainɨ̃̂ 'bite', *(daihíʔka), *õʔã̂-(ti), *õʔã̂-(ɨ̃hɨ̃) all: 'flesh, meat'
40	BLOOD₁	BLOOD		*menu, munu, umane*	*mɔna*	
			-dusé	*munu-ru*	nu̲nᵈa	**ti-xẽ(ʔe)

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
43	BODY₁	BODY				*(mex-)pi, abɨ*
			-odə 'body (animal)'	? **jamun*	*wṵ́*	Hp *abɨ*; O *xooñu*; B *méhpií*
49	BREAK	CUT		*akete, ako:to* 'cut down'		*kaita, koaiti, kodʔa*
				*akôtô 'cut'	*wṵutá* 'break', *hootá* 'peal', *páta* 'break', *mạtíj* 'break', *róotjá* 'break, yank', *harṵ́ṵj* 'cut', *jṵnsijéj* 'cut', *hṵnṵ* 'cut trees'	BM ?**gá-(βɨ́riíko), *gá-(ʔdaʔɨ́ni), *kɨ́-(tti), *kɨ́-(ʔdaʔɨ́ni), *kɨ́-(βɨ́ɨ̃xkʰɨ̃)* all: 'cut'
53	BROTHER	BROTHER		*pipi, pɨ̈ri* 'younger brother', *pepe* 'older brother	*rai-puipuin, pwɨ̃ɨ̃* (voc.)	
				*pipi 'older brother'	*pipɨ́* 'brother (of man or woman)', *pɨ́* [phonetically *pʷɨ̃*] 'son' (voc.)	Hp *ɨio* 'brother of woman', *amarede* '(of a woman) to have a brother'; O *onaañia* 'older brother', *uʔxááma* 'younger brother'; B *pií* 'body'
55	CALL₁	CALL		*añiki, añek*		*nokoj* 'invite him!'
				PPar **anikɨ*	*nɨkee* 'talk'	BM **xiɨ́b(ái)ge* 'say'
57	CARRY₁	TAKE		*apoi, apwi, apue*		*iba, upa* both: 'buy'
				*arô 'take, carry' **apôti* 'seize'	*harạ́ạj* 'take person along, carry', *hijata* 'guide, take', *pṵ́tʃa* 'take, knock down', *pṵ́ṵtʃíj* 'take (possibly by force)', *pṵ́ṵrjɨ́* 'take', *hṵríj* 'grab'	Hr *ɨbade* 'buy'

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
60	CHEW	TOOTH	*kone*		*ixiana, oxana*	*ma-yynieng*
			-*kónĩ* 'tooth'	*(j)ô-rɨ*	*haⁿdá* 'tooth', *saⁿdó* 'bite, give electric shock', *suumjutúuj*, *súuj* both: 'chew, bite', *toj* 'bite and take in pieces'	??***ɨiʔ-gi-()* 'tooth'; BM *íɨʔ-gáɨ-neé* 'tooth-finger-?', *ɨɨʔdo* 'chew'
63	CHILD₃	CHILD		*pa:rɨ, par* both: 'grandchild', *par* 'nephew'	*porii*	
			-*sepo* 'sister's child'	*pa-rɨ* 'grandchild'	*pɨrá* 'infant, child', *pɨtʃíj* 'little grandchild, nephew, son (voc.)', *poó* 'sister, niece, female cousin (voc.)', *potʃíj* 'girls (voc.)', *ndee* 'small', *ndee-nú* 'male child'	B *pií* 'body'; *pítʃohpa* 'traditional naming and baptism ceremony for child'
69	COLD₁	COLD		*i:sana, ti-sano-le, su-sano-ri*	*sanora, sanehe* 'rainy season'	
				*atono, *t-ɨnoti-me*	*kanuwu, wá-kanuwú* *súⁿdoo* 'cold'	BM *tsiíˇko, (dáíʔkoó)* 'cold'; HO *doti(-de-te)* 'cold'
72	COME	COME	*pa-nænæu* 'he comes', *i-na-poa* 'he came'		*ana* (Yameo)	
				[w-]ôtepɨ 'come₁' *[w-]ômôkɨ* 'come₂'	*rupʷíij* 'walk', *hᴜníj* 'come'	BM *tsaá-(pé), (náʔxɨʔe)*; HO *(bíʔ-te), *(a, e, i, aihi)*
81	DIE₃	DIE			*ndɨi*	*dʔɨi*
				PT *apəepɨ* PPar *wajipɨ*	*ndiíj*	HO *(dzií)*

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
91	DRY₂	HARD		*ti-ana-le, ja?na* 'hardness'		*ane-de* 'to harden'
				akɨpɨ	*hiikánᵈa* 'dry branch', *wá-nᵈsa* [clusters from vowel deletion between two alveolars], *wá-sá, wá-ssá, wá-tsá, susą́ą́* '(to) dry sth.', *wíirú, wúdnu̠* (probably *wúnᵈnu̠*), *wúnu̠* 'dry, powdery, ruined', *kúwaj* 'hard', *súra-* 'hard', *surą́* 'get.hard'	BM *(dáárɨ-ne)*
97	EARTH₄	EARTH		*nono, noro*	*nũnĩ*	*enerwe, enie, noynae, nanyny*
			ɲõ?ĩ	*nono*	*mu̠kanᵈíi, mu̠ko, mu̠ki* all: 'earth', *-ko* CL.earth, *nu̠nɨy* 'garden, field'	***xáénɨ?-xẽ* 'earth'
104	EYE	EYE	*doa*			*etoj*
			-ákʌ, -?ákʌ 'eye' *-ɲesidiákʌ* 'eyebrow'	*ônu-ru*	*nɨsíj* 'eye', *hu̠nu̠tjaą́* 'eye' (possibly from 'protect, watch over')	BM *(me)-?áájĩi*; HO *ohí-(ti)*
108	FEATHER₁	HAIR		*ipot, ipotu, pot* 'feather'	*popejty* 'feather'	*ifatie, ifatre, ofotar*
			-ɲehẽ 'hair, fur' *-kabe* '(head)hair'	*(e)tipotɨ-rɨ* 'hair' *apôri-rɨ* 'feather₁' PPek *aroko* 'feather₂'	*hasíj* 'hair, feather', *-mu* 'CL:feather'	BM *í?xɨi-ne*; HO *i?po-?ti()* 'head hair'
109	FEATHER₂	FEATHER	*byweh* 'he flies'	*apôri-rɨ* 'feather₁' PPek *aroko* 'feather₂'		*abukwa, ibbe, pee* 'fly'
			-ɲefʌ	*(e)tipotɨ* 'hair'	*nɨpya* 'wing'	?***(ga?a)pe* 'fly'; BM *mí?xɨi-ne*

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
110	FINGER₁	ONE		*tinki, tinkini, tegina, teukon*	*tiki, tikilo, tekini*	
				*tôwinô	*tá-ra-kɨ* (with general classifier + SG?), *tɨ́kiɨ́* 'one (animate)'	***ta()*
111	FINGER₂	FINGER	*(ka-)ʄi-dome* (*dome* = 'hand')			*ma-ugtsi* 'hand', [dau-tseh], *(tha-)usi* both: 'my hand'
			-domĩ	**ômija-rɨ* 'hand₁' **amo-rɨ* 'hand₂'	*haná* 'finger', *homutú* 'hand'	BM **(mé)-ʔóttsɨ́;* HO **onõi* 'hand'
113	FIRE₂	TREE	*koiʄe*		*iguntia*	*ogode* 'plant'
			ʌʔpa 'fire', *oʔdeɸʌ* 'forest' *-də/-ta* 'tree.Cl'	**wepeto* 'fire₁' **mapoto* 'fire₂' **wewe/*jeje* 'tree'	*híinᵈáj* 'fire', *híipúú* 'wood', *nu* 'CL:pole, tree, person'	HO **(idái-ki)*
120	FOOT₁	LEG	*pa*	*upu* 'foot', *upe*		*eɨba* 'foot'
			-dʌka 'foot' *-pənə̃* 'leg'	**pupu-ru* 'foot' **pu(pu)-tôpu* 'heel' (foot's stone) **pɨta* 'sole' ? **pôre(-pɨ/pa)* 'leg'	*númutú* 'foot'	BM **(mé)-ttɨ́-ʔaaáɨ́,* HO **eʔyɨ́-()* 'foot'
127	GO₂	GO		*uten, wto(m), etamete, itamue,*	*s-itamana* 'he arrives'	
			hẽ-ə̃-ka 'go !'	**[wɨ-]tô[mô]*	*hɨtá* 'arrive'	Hr *haìde* 'go'; O *haaun ;* B *peé* 'go', *-te* 'verbal movement suf.'

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
132	GOOD₃	GOOD		*mori, mori* 'clean'	*maringre* 'healthy, good', *mari -neea*	*imine, imino, mari, mano-dʔe* 'healed', *mare*
				*kure 'good'	*misá* 'heal, get better', *sámʷij, sámuj, sámʷɨ* 'pretty, good, clean', *rántjée* 'good, suitable', *wá-seé* 'right, correct, good', *kanuwu-* 'healthy, fresh, comfortable'	?***(e)meá(d)e*
134	GUTS₁	GUTS		**wakulu* 'stomach, intestines', *waku*	*buo*	*(maɣ-)bohu, ga-buhgu, hebego*
			-*kəɲetaə* 'intestines' -*ɲé* 'feces, entrails' -*tura* 'stomach' -*pə* 'belly, pod'	PT, Ap **waku-ru* 'guts' ?*(e)wenɨ ?*wetVpu	*píjetʃuuj* 'stomach', *púnijej* 'stomach, belly', *wumú* 'interior, inside, stomach, intestines' [/*mu*/ could be related to the general locative – *mu*]	***xeʔbae-()aï*, **xebae both: 'belly'
139	HAND₃	GIVE		**utu*	*ti*	
			-*domĩ* 'hand'	**utu* 'give, put', **[t-]ɨrɨ* 'make, do, give, put', PPar **[tɨ-]mɨ* 'give'	*tii* 'CL.extremity.of.branch/antenna/insect-paw', *tíij* 'grab, throw, yank, pull', *saáj* 'give', *homutú* 'hand'	BM **akki;* HO **hiʔ-(te)* both: 'give'; BM **(mé)-ʔóttsɨ́;* HO **onõï* both: 'hand'
140	HARD₁				*čøra, søra*	*keriire-ide* 'strong'
					súra-, súru- 'hard', *surá* 'get.hard'	

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
155	KILL	KILL		*wo* 'hit, kill', *we*, *ipo(-ke)* 'kill!'		*fa, pa*
				[t-]wô[nô] 'shoot, kill' PT *pɨnə[pɨ]* 'kill'	*huwáj* 'hit, fight, kill', *hántjuunṵwa̰j* 'kill, torment', *mṵnṵ* 'kill, allow to die', *nᵈúú* 'kill by blowgun or throwing, do witchcraft'	BM *gɨ́xɨ-βé-tso, *gɨ́xɨ-(ni)*; HO *()ne(ʔ)-()*
164	LEAF₃	LEAF		*uma*	*mi*	*aame, ibe, ame*
				jare	*ná̰wɨ*	BM *(ɨ́na)-ʔáamɨ, (mɨ́ɨ̃imɨ)*
165	LEG	LEG	*ka-dekkhe* 'foot'			*take, me-taxki*
			-dʌka 'foot'	*pupu-ru* 'foot' *pu(pu)-tôpu* 'heel' (foot's stone) *pɨta* 'sole' ? *pôre(-pɨ/pa)* 'leg'	*nᵈuuséé* 'lower leg', *mṵdá* 'upper leg', *nṵ́mṵtú* 'foot'	***(i)dzaʔkai(do)* 'leg'
167	LIP	MOUTH	*(ka-)fi*	*ipi, epi* both: 'lip'	*ipe, po*	*(me-)he, me-ehe, ofwe, poi, fue*
			-φí	*ôtipi-rɨ* 'lip' *potɨ-rɨ* 'beak', *mɨta-rɨ* 'mouth'	*hṵtóó* 'mouth', *-hṵ* 'mouth (inalien)', *hiduy* 'lower lip', *hṵday* 'upper lip'	***po(e)* 'mouth, ***po(e)-(i)ni(ba)* 'lip'
170	LONG₁	LONG		*ari* 'large'		*are* 'long, high, far', *arə* 'large, long'
			-mɔ̃kɔ̃- 'long' *ĩʔɔ̃-* 'large'	PT *mɨ(tʃ)a* 'long/far'	*há̰ámṵ-ka̰á* 'long' ('big-duration'), *-ki* 'high, long'	BM *kááme(-βe)-ne*
175	MAKE₁	BUILD	*i-tooitihe* 'he builds'	*itɔ, idu* 'make'		*tu*
			tii	*[t-]ɨrɨ, PPem *kupô*	*-tanĩy* 'make, cause', *-ta* 'transitivizer'	Hr *-ta*; B *-tsʰo* both: 'causative'

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
180	MANY₁	FILL		*ali, ar, ara, arɨ* 'contents', *t-ori-g* 'many', *t-ure-eke* 'many'		*orui* 'be full', *rahu* 'many'
				*ari-rɨ 'seed, contents'	*rájuu* 'many, full', *hárjíj* 'many', *mʷɨ̠tya* 'nothing, free, gift'	**míta-(ne)* 'many'
186	MEAT₄	MEAT	*iᵗ̇y*	*oti, i-ote* 'game' *-oti*		*ičira, uati*
				*oti 'meat food'	*sawij* 'meat, flesh', *tʃá̠á̠* 'breast meat of bird'	BM **(atsími)*
187	MOON₁	MOON	*pody*			*fodjoome, podomo*
			póʔdə̃	PT **nunnə* **nunô*	*wu̠hje̠ej* (= wu̠j-haaj 'our-father'), *hani̠mju̠rí, harimju̠ní*	BM **pékkó-e(ppi), niʔi-bá, *pɨ()*
192	MOUTH₂	MOUTH				*ma-ɣyo, me-kuai* 'chin', *(meex-)kaa* 'beard', *(ama-)əko* 'beard', *koæ, hoe*
				*etipi-rɨ 'lip' **poti-rɨ* 'beak', **mita-rɨ* 'mouth'	*hu̠murú* 'beard', *hu̠tóó* 'mouth', *-hu̠* 'mouth (inalien)'	BM **xikk(e)'(ai)*; HO **(aimáki)* both: 'beard'
202	OLD	OLD			*año*	*onaa* 'older'
					nᵈimi̠tju, riji̠tju 'old (n.)', *ta̠arij* 'old', *-po* 'old, rotten'	Hr *hakaìe* 'old thing', *eiroma* 'old person'; O *uroohun* 'old thing', *haʔíín-* 'old (person)'; B *tsúúkáá* 'old (thing)', *keéme* 'old (person)'
203	ONE₁	ONE		**teñi*	*tomeulaj*	*ᵗ̇anere, thanere, dane, dama* 'alone', *daamu,* [zähzähma]
				*tôwinô PT **təinjə*	*tá-ra-kɨɨ* ('one' + CL:general + SG?)	***ta()*

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
205	PAIN	BAD		*anhi* 'evil', *ani:iki* 'sickness', *t-one*	*juno* 'devil', *ana* 'pain'	*ana* 'devil, *hoani*
					húnará 'painful', *nuwadáj* 'hurt' (v.i), *hun^dííwąá* 'get sick'	Hr *isire* 'painful', *heamona* 'bad day', <u>*heare*</u> 'badness', *irarede* 'have bad health'; O *aʔtíʔo* 'pain', *úúra* 'bad(ness)'; B *aβje, kimóóβe* 'pain', *ímítjú* 'bad(ness)'
208	RAIN	RAIN			*nahua* 'river', *naʔa* 'rainy season', *nowa* 'river'	*hanoj* 'water', *now(h)ə, ainoe, no(h)owi*
			dǿ-i 'rain' *dúʔu* 'water'	**kanopo* 'rain' **tuna* 'water'	*rúúmurá* (n), *ruum^bon^dá* 'rain', *hąá* 'water', *nąwá* 'big river'	***nõ-()* 'water', ***nõ-xĩ* 'rain', BM **nííxa-ba* 'water-?', HO **nõ-(ki)* 'rain', **(haï-)nõ-hĩ* [?-water-liquid]
209	RED	RED	[peaih]	*t-api-re, t-api-de*		
			peɒ-i 'red'	PT **t-a:mi:-re* ?**t-a(k)pi-re*	*rúunáj* 'red', *wá-ran^da, wá-rann^da, wá-rann^dapó* all: 'reddish'	BM **tí-ppai-ne*
211	RIVER₂	RIVER	*otõa*			*tee, tjaau, tiahe*
			-se	**tuna* 'water₁' **paru* 'water₂'	*-mú* 'river', *nąwá* 'big river'	Hr *ille* 'small river', *imani* 'big river'; O *maañu, tjaau* 'river', B *moóa, teéʔi* 'river'
212	ROAD₁	ROAD			*nɔn, nou*	*naahon*
				*ôtema(-ri) 'path'	*nú*	Hr *naɨ, iso, arɨ, hesorie*; O *naahon, -ho, -ʔto*; B *huúβa, ulléhɨhto*

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
220	SEE₁	SEE		*ene, enë, anu* 'eye', *o:nu* 'eye'	*nuwa:tø* 'mirror', *nutẽ* 'look at'	*ono* 'know'
				*ônu-ru 'eye' *ône 'see'	*nᵈíj* 'see, know' *hunúj* 'see, look at, watch, show', *nisíj* 'eye', *hunúj* 'see, look at, watch'	BM **aittími(ítté), (díxii)* both: 'see', **(me)-ʔáájĩi* 'eye'; HO **ohí-(ti)* 'eye'
221	SEE₂	KNOW		*wano* 'I know'		*uiño* 'learn'
				*warô 'know' (Postp) *putu 'know' (Vtr)	*nᵈáátja* 'know', *níjuj* 'learn', *sára* 'discover, learn, find', *hunúj* 'see, look at, watch'	**gaka 'know'
229	SING	DANCE			*seje*	*se*
					súuj 'sing like rooster or monkey'	BM **mattsí-βa, (gáníkkaméi)*; HO **(doʔte)* all: 'sing'; Hr *saìte* 'dance'
235	SLEEP₁	SLEEP			*nɛ* 'hammock'	*inu, ko-ina, ønu*
				*wônɨkɨ 'sleep₁' **wetu(mɨ)* 'sleep₂'	*húnij* 'hammock', *njnú* 'hammock arms'	BM **kiga;* HO **(i)nĩ*
237	SMALL	CHILD		**mure, moni, imeri* 'small'		*mæni, mene* 'child, son'
				*mure 'child' PT *pitʃa 'little₁' PT *akɨi 'little₂' ?*pitikô 'small'	*nᵈee* 'small, little', *nᵈee-nú* 'male child', *nᵈee-tu* 'female child'	BM **tsɨi-me-ne, *(gaí-píí)-tsɨi;* HO **(kiβĩ)*
240	ROPE₁	SNAKE	*kono* 'rope'	*okon, okoj, okej*	*koli, koni*	*konega, konahə* both: 'rope'
			pãse 'rope'	*ôkôju 'snake' PT *ewa 'rope₂'	*koonᵈiy* 'snake', *kabuhuu, káwuhuu, kabohu* 'rope'	BM *xíinime 'snake'; ***(i)gai(bai)* 'rope'

	Amerind	Macro-C	Andoke	Cariban	Peba-Yaguan	Proto-Witotoan
248	SUN₁	FIRE		*ole-ole* 'flame', *iri(ipo)* 'fireplace', *t-u:ri* 'torch'	*ole*	*ole*
			ʌʔpa 'fire'	**wepeto* 'fire₁', **mapoto* 'fire₂', PT **turi* 'torch'	*híinᵈáj* 'fire', *kiwarjá* 'fire, flames', *s* 'light', *hinjí* 'sun'; *wana* (Peba Rivet); *raitarra* (Yameo Rivet) *both:* 'sun'	BM **kíixɨ-gai, (kotsííbai)* 'fire', **kóoxɨ-e(ppi) niʔi-ba* 'sun'
253	TESTICLE	TESTICLE			*wi-miasel*	*ka-moesse, ga-moto* *both:* 'penis'
			-hádə 'egg, testicle' *-di* 'penis' *-pãd́* 'semen, sperm'	**ômu(-ru)* 'scrotum, testicle'	*hịmjisíj, hịmjéj* 'testicle'	BM **(nameʔo), *(xɨttiʔi)*; Hp *moda* *all:* 'penis'
256	TONGUE₁	TONGUE		*-iñiiko*	*onesi, ɔneči*	*mee-nixigua, me-nehekoa*
			-sonə	**nuru*	*nᵈaatʃíj* 'tongue'	*??**()pe*
259	TREE₁	FOREST		*itu, itua*	*toha, to:, tɔx*	*atikø, xatike, aɸaitto*
			oʔdeɸʌ 'forest' *-də, -ta* 'tree.Cl'	**jutu* 'forest'	*toó* 'forest'	Hr *hasikɨ, taɨsiki* 'forest'; O *tjááβo* 'forest', *tjaṁáánʔin* 'forest, jungle'; B i 'forest'
260	TREE₂	TREE			*ne:nɔ, nɨɨnu*	*i-mæ, ymaana, amena, amuunna, anaina*
			-də, -ta 'tree.Cl'	**wewe/*jeje* 'tree' PT **epɨ* 'trunk'	*nínụ* 'tree', *-nụ* 'CL.pole, person'	***(ai)me-nai-()* 'stick', *?**(ai)me()* 'tree'; BM **báxiï* 'forest, bush'; **(ɨna)-ʔáamɨ* 'tree leaf'
264	WATER₁	WATER				*maaño* 'wet', *(h)iman(i)* 'river', *maanu* 'river, sea'
			dúʔu	**tuna* 'water₁', **paru* 'water₂'	*hạá* 'water', *-mú, nạwá* 'big river'	***m(oon)ai, **tae* 'river'