

PROPOSAL 4 FOR REDESIGN OF SLOT V FOR SIMPLE FORMATIVES (compared to v.0.15 of Design Document)

[To create greater variety in Slot V vowel-form]

Slot Structure of a Simple Formative (i.e., No Incorporated Stem Is Present)

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
—	—	—	—	'V _V	C _R	V _R	(C _S V _X ...')	C _A	(V _X C _S ...)	(V _N C _N)	V _C /V _K	(')C _B or (')C _Y	[stress]
Slots I thru IV are not used in Simple Formatives				Version + Stem + Context of Main Root	Main Root	Function + Specification of main root	V _X C _S affix(es) in reversed form; affix(es) apply to stem but not to C _A	Configuration + Extension + Affiliation + Perspective + Essence	V _X C _S affixes	Valence + Mood/Case-Scope or Aspect + Mood/Case-Scope or Phase + Mood/Case-Scope or Level + Mood/Case-Scope or Effect + Mood/Case-Scope	Case or Illocution+ Expectation+ Validation as determined by syllabic stress	Bias or Case-Scope or Mood must be preceded by a glottal-stop unless Slot XI C _N or Slot XII V _C /V _K contains a glottal-stop	penultimate stress = UNFRAMED Relation + V _C ultimate stress = UNFRAMED Relation + V _K antepenultimate stress = FRAMED Relation + V _C
				vocalic affix		vocalic affix	last V _X in the series requires a glottal stop to indicate end of Slot	consonantal form	Apply to main stem + C _A	Modular Slot containing a vowel-form + consonant-form	vocalic affix		

This proposal is the same as Proposal No. 3, except that the table for Slot VII Complex Formatives has been re-arranged so that its structure and phonological values more closely parallel the table for Slot V Complex formatives, hopefully facilitating memorization.

Slot Structure of a Complex Formative (i.e., Incorporated Stem Is Present)

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
	incorporated root						Slots VIII through XIV are the same as for Simple Formatives						
C _D	V _F	(C _S V _X ...')	C _I	V _V	C _R	V _R							
Version + incorp. type of incorporated stem + alternate Slot II V _F value indicator + indicator if Slot III is filled	Format of incorp. stem	V _X C _S affix(es) in reversed form; affix(es) apply to incorp. stem	Incorp. Root	Specification + Function + Stem of incorp. root	Main Root	Stem + Function + Specification + Version of main root							
Form beginning with h- or ç-, or w-, or y-	same forms as Slot XI V _C unless alt. Slot II V _F value indicated by Slot I	last V _X in the series requires a -' to indicate end of Slot		vocalic affix									

Slot V V_V Values for Simple Formatives: Stem, Version, and Context of Main Root

Stem	Version	CONTEXT				CONTEXT + short-cut for NEG/4 affix			
		EXS	FNC	RPS	AMG	EXS	FNC	RPS	AMG
Stem 1	PRC	(a)	ai	ia	ao	awa	awi	iwa	awo
	CPT	ä	au	iä	ae	äwä	awu	iwä	awe
Stem 2	PRC	e	ei	ie	ea	ewe	ewi	iwe	ewa
	CPT	i *	eu	ië	eo	iwi	ewu	iwë	ewo
Stem 3	PRC	u	ui	ua	oa	uyu	uwi	uya	owa
	CPT	ü	iu	ue	öa	üwü	iwu	uye	öwa
Stem 0	PRC	o	oi	uo	oe	owo	owi	uyo	owe
	CPT	ö	ou	uö	öe	öwö	owu	uyö	öwe

* the vowel -i- is substituted for -ë- to preserve the latter for use with adjuncts.

Slot V V_V values for Complex Formatives: Stem, Version, Function, and Specification of Incorporated Root

Stem of Incorp. Root	Version of Incorp. Stem	STA Function				DYN Function			
		BSC	CTE	CSV	OBJ	BSC	CTE	CSV	OBJ
Stem 1	PRC	(a)	ai	ia	ao	awa	awi	iwa	awo
	CPT	ä	au	iä	ae	äwä	awu	iwä	awe
Stem 2	PRC	e	ei	ie	ea	ewe	ewi	iwe	ewa
	CPT	i *	eu	ië	eo	iwi	ewu	iwë	ewo
Stem 3	PRC	u	ui	ua	oa	uyu	uwi	uya	owa
	CPT	ü	iu	ue	öa	üwü	iwu	uye	öwa
Stem 0	PRC	o	oi	uo	oe	owo	owi	uyo	owe
	CPT	ö	ou	uö	öe	öwö	owu	uyö	öwe

* the vowel -i- is substituted for -ë- to preserve the latter for use with adjuncts.

SLOT VII: V_R — Function & Specification of Main Root (plus Stem & Version of Main root in Complex Formatives)

Slot VII V_R values for Simple Formatives

Function	Specification	(Stem shown in Slot V)
STA	BSC	a
	CTE	ä
	CSV	e
	OBJ	i *
DYN	BSC	u
	CTE	ü
	CSV	o
	OBJ	ö

* the vowel -i- is substituted for -ë- to preserve the latter for use with adjuncts.

Slot VII V_R values for Complex Formatives

Stem of Main Root	Version of Main Root	Specification of Main Root				For Complex Formatives:
		BSC	CTE	CSV	OBJ	
Stem 1	PRC	(a)	ai	ia	ao	<ul style="list-style-type: none"> • CPT Version of Main Stem shown by adding glottal-stop to Slot VII vowel, as per the rules in Sec. 1.7 and (if Slot VIII is empty) Sec. 3.9.1. • Non-EXS Context shown by using Pattern 3 values in Slot X.
	CPT	ä	au	iä	ae	
Stem 2	PRC	e	ei	ie	ea	
	CPT	i *	eu	ië	eo	
Stem 3	PRC	u	ui	ua	oa	
	CPT	ü	iu	ue	öa	
Stem 0	PRC	o	oi	uo	oe	
	CPT	ö	ou	uö	öe	

* the vowel -i- is substituted for -ë- to preserve the latter for use with adjuncts.