

## Appendix A: Black's (1974) Phonological Reconstruction

Paul Black (1974) has proposed a phonological reconstruction of the Lowland East Cushitic languages, which will be used in the following sections as a basis for the reconstruction of the morphology of plural gender. The following table presents the sound correspondences and their origins in Proto-Lowland-East-Cushitic, as proposed by Black (1974: 279-284):

Lowland East Cushitic Languages									
PLEC	Oromoid Languages					Western Omo-Tana Languages			
	PO	Oromo	Konsoid Languages			PWOT	Arbore	Dhaasanac	Elmolo
			PK	Konso	Diraytata				
*b	*b	b _n > m p <sup>1</sup>	*b̂	p	p _C > f	*b	b	∅ #/r/_/# > b	p #_ > b
*d	*d	d _stop > r	*d̂ _b > *b̂ _g > *ĝ	t p k	t p k	*d	d/z	z __ > dd	t #_ > d'
*t	*t b/g_ > d	t y_ > s d	*t̂ _ > *dd̂ *t̂	t _# > ? tt	š _(a)# > t tt t	*t	t	t _i > c	t
*d'	*d'	d'	*d'	d'	d'	*d'	d/d	z #_ > d' _# > t	d'
	*d <sub>1</sub>	c'					d'		
*g	*g	g _e/i > j _ɕ > k'	*ĝ _ɕ > *k̂	k x	k h	*g	g/k'	∅ #/r/_/# > g	k #_ > g'
*k	*k n_ > *g	k _i/e > s r_ > g	*k̂ r_ > *ĝ _ > *gĝ	x _i/u / #_e > k k kk	h k kk	*k	k/c	k/g/c	k
*q	*q	k' i/e > c'	*q	q	k'	*q	g' V_C > ∅	k'/k	∅
*f	*f	f	*f	f	f u_ > h	*f	f	f	f
*s	*s i/y_V > *š	f #_a/e > s __ > ss s	*s *š	s š	s š i/y_V > yy	*s	s	s i_ > š	s
*h	*h V_C > *V	h C_V > V _# > ∅ V	*h t_ > *t̂ V	h l/m_ > ∅ t V	h ∅ š V	*h	h/∅	∅	h/∅
*ɕ	*ɕ V_C	? C_V > V #_ > ∅ V	*ɕ s_ > s k_ > k̂ *V	?/∅ r/m_ / #_ > ∅ s x V	?/h r_ > d' m_ > b #_ > ∅ s h V	*ɕ	∅/?	∅ #_ / _# > ?	∅
*ɕ <sub>1/2</sub>	*ɕ	∅	*ɕ	∅	∅	*ɕ		?	∅

<sup>1</sup> Dialectal in words containing glottalization.

*h		∅		h? #_>∅	h? #_>∅				
*ʔ				w	h			∅	
*m	*m	m	*m	m	m _t>n	*m	m	m	m
*n	*n	n	*n	n	n g>ŋ	*n	n	n	n
*l	*l	l _e>j	*l	l	l	*l	l	l	r/l
*r	*r	r	*r _t>ḍ _k>ḡ	r t k	r t k	*r	r	r	r
*w	*w	w V_V>∅ _C>f?	*w _aC>∅	w ∅	w ∅	*w	w	w/?	
*y	*y	y V_V>∅ a_C>e	*y	y	y				
*a	*a	a _mb/wC>o _dʔ/y>e _Ci>i	*a w_>*o	a o	a o _#>∅	*a *e <sup>3</sup>	a/e e/a	a e <sup>2</sup> o <sup>12</sup> e	a e
*e	*e	a #/_/(C(C))_e> e _h/ʃ>i?	*e	e	e	*e	e	e _#>i	e
*i	*i	i	*i _#>*e	i e	i e	*i	i	i	i
		a	*e	e	e		e/u	i	i/u
*o	*o	o _#>u	*o	o	o	*o	o	o _#>u	o
*u	*u	u _h_m/n>a	*u _h/ʃ> *o	u ʃ_>i <sup>4</sup> o	u o	*u	u	u	u

<sup>2</sup> In assimilation to preceding vowels

<sup>3</sup> In words containing pharyngeals

<sup>4</sup> Dialectal