KG uav;rsm;twu oi&;opoilum;a&; uAsmrsm;r pum;ozUy

av vmcsu

at;eEm*

pmwr;tusO;

þpmwr;on KG **uav;rsm;twu oi&;opoilum;a&;uAsmrsm;r u,iaumi uAsm? y&uqwuav;uAsmrsm;Ei wm0eu,puAsmwU\ pum;ozUyuavvmxm; aom pmwr;jzpygon/ uav;uAsmrsm;wi yg0iaom Asn;o?o&o? 0PEiwuusO to;jyUrrsm;u oapvaom &n&,csujzpygon/ uav;uAsmrsm;on to om,mr rsm;rwpqi uav;rsm;Epouvmr? toynmw;ym;vmrrsm; jzpay:vm apalumi; awU&ygon/ þpmwr;rwpqi uav;uAsmrsm;vm pum;oto;jyUyrsm;u avvm o&Eirn[,qygon/**

aomcsupum;v;- uav;uAsm?pum;ozUy?Asn;o?o&o?0P?wuusO/

e'ge;

þpmwr;on KG **uav;rsm;twu oi&;opoilum;a&;uAsmrsm;r aumuEwxm; jci;jzpygon/ xuAsmrsm;on uav;rsm;twu taw;?tjri A[ow&&ap&e a&;zU xm;jci;jzpygon/ xoUa&;zU&mwi toomru 0;pm;ay;a&;zUxm;&m xrwpqiuav; rsm; pw0ipm;pm &wqvmluygon/ uav;rsm;&wq&mr ta&;? tzw?twursm;u o&vmrn jzpygon/ þpmwr;on** KG **oi&;op uav;uAsmrsm;r u,iaumi uAsm? y&uqwuav;uAsmrsm;Ei wm0eu,puAsmwU\ pum;ozUyu avvmwijy xm;yg on/ pum;ozUyu avvm&mwi uAsmyg Asn;? o&? 0PEi wuusowUu Z,m;rsm; jyumavvmwijyxm;ygon/**

1/ uav;uAsm ori;tusO;

uav;rsm;on tem*w\om;aumi;&wemrsm;yi jzpygon/ uav;rsm; toOmP zUz\;ap&e? vrmap&e? tajcctjrilu;rm;vmap&e? rryw0e;usiu p;pr;wwap&e? uav;pmayrsm; tx;vtyygon/ uav;pmaywi yg0iaom uav;uAsm? uav;pmay? uav;umwe;&yp[aom tyi;(3)yi;r wpctygt0i jzpygon/

uveacwwi uav;uAsmrsm;u pmwpapmi? aywpzUtjzp ausmi;o;zwpm rsm;wiawUjrivm&on/ jrermuav;uAsmori;wi om;acsmaw;rsm;? q;rpmrsm; wius,con/ 1930 0e;usiwi q&mlu;ri;o0Pon uav;rsm;pwaysm&ia&;? rs\;cspppw xuoea&;? vytm;wez; cspjrwE;a&;? vrm,Oaus;r&apa&; paom &n&,csuaumi; rsm;ygonuAsmrsm; a&;zUcon/ uav;rsm;on uAsmrsm; &wzwoqjci;u Epoullu on/ wpO;csi;jzpap? trsm;Eiojyliq&vlijzpap Epouaysm&iluon/ uav;wU

---

* **a'guwm? uxu? jrermpmXme? rau;wuov**

on toom,mru Epouluon/ q&mlu;ri;o0Pon 1931 cEp Zev(1)&u aeUwi oajyo;aumuuAsmu pwia&;zUon/ ,i;uAsmwi uav;rsm;alumupwu y,í ow&apcsiaom q&m\apwemuawU&on/ xUaemu a'guwmarmijzL;on t*vyuAsmrsm;u jrermuAsmtjzpjyequm jrermuav;rsm; toOmPzlzl;w;wuap&e a&;zvmon/ xUjyiri;,a0? aiwm& pmqarmiEwUon uav;uAsmrsm;a&;zU vmcon/ uav;uAsmrsm;on ausmi;pmtyrsm; wiomru uav;*sme,rsm;wivn; uav;uAsm trsm;tjym; yg0ivmonu awU&on/

rsuarmuacwwi aeUuav;xe;ausmi;rsm;? rlulausmi;rsm;? rvwe;ausmi;rsm; wi uav;uAsmrsm; oillum;jci;? uAsm&wlyliy usi;yjci;rsm; jylvyvsu&ygon/ oUjzp í uav;uAsmrsm;on ,aeUtx ta&;ygvsu &ygon/

2/ KG uav;rsm;twuoi&;opoillum;a&;uAsmrsm;r pum;ozyavvmcsu

om;or;wU\ tem*wvr; ajzmijzL;om,ma&;twu vr;neay;&rnrm rb? q&mrsm;yijzpygon/ uav;rsm;bmomw&m;u &aoui;&i;wwap&e? Zow? vUv& ap&e? yw0e;usiu p;pr;wwap&e uav;uAsmrsm;pm vtyygon/ xuAsmrsm;u &wzwoqjci;jzi toynm? A[owrsm; w;ym;vmrnjzpygon/

tavvmcuav;uAsm(3)y'rm – KG oi&;opwiygaom u,iaumiuAsm? y&uqwuav;uAsmEi wm0eu,puAsmwU jzpygon/ u,iaumi uAsmwi ,iaumi \&p&maumi;y? ,iem;tpmrpm;&ea&milu0oiy? ,irem;ap&e tyaqmi; tyoiyrsm; u a&;zUxm;ygon/ ,itE&m,uoapaom uAsmaumi;wpy'jzpygon/ y&uqw uav;uAsmwi y&uqwuav;on ao;i,aomvn; tcserjzle;yg/ ysi;&ly; tyraeyg/ ovy&rnwm0eu lu;lu;pm;pm; tvyvyalumi; azmjyxm;ygon/ ,i;u erem,í uav;rsm; tcserjzle;b tvyulu;pm;oialumi; a&;zUxm;aom uAsmaumi; wpy'jzpygon/ wm0eu,puAsmwi vwi;on rrwm0euausyepm xr;aqmioi alumi; azmne;xm;aom uAsmaumi;wpy'yi jzpygon/

2⁄1/ pum;ozyavvmcsu

bmompum;wpcu bmomaA'en;jzi avvm&mwi pum;ozy? pum;v;zy[í tyi;(2)yi;cum avvm&ygon/ pum;owi 0PEio&i;[aom tajcco'g,ep (2)c &ygon/ þpmwr;\ pum;ozyu avvm&mwi Asn;?o&?0PEi wuuso wU avvmwijyxm;ygon/ uAsmrsm;u&wq&m &wqotay:rwní torsm;ten;i, ujym;Eiygon/ xUalumi þpmwr;wi pmwr;&iu,wioqru tajccxm;ygon/

2/1/1/ ๑sn;

bmompum;wi;wi pum;otrS;tpm; (2)rS;&on/ ,i;wUrm Asn;Eio& jzpon/ Asn;Ei ywouí o'aA'ynm&i 'ie&,*S;pu yreotm;v;on Asn;orsm; jzpon[qygon/ Asn;owrwcsutaejzi tcsu (4)csu yg0ion/

1/ ojyi;r[waomtotm;v;yg0ion/ (om"u p.s.)

2/ cwi;r avvr;alumi;jzwoe;&e cucaomtorsm;vn; yg0ion/ (om"u b.l, rolled r**- v\mvyAsn;)**

3/ cwi;r jzwoe;jci;r&aomtorsm;vn; yg0ion/ (om"u m**)**

4/ lum;Eiavmuaom ywwur&on torsm;vn;yg0ion/ (om"u f,v,s,z,h**)** **(**Jones,1967,23**)**

[í jzpon/ pum;ozUy&axmir Asn;ou owrw&mwi a';Apc&pw,u

pum;ozy&axmirlunv\i Asn;on 0P\ab;Epbuwi &Eion/ ,i;Asn;on wpv;wn;vn; jzpcsijzprn/ (oUr[w) Asn;wvn; jzpEion/ (Crystal, 2004, 98**)**

[qygon/ xjyi 0;xe;jriu

Asn;qonrm tqwuwuvmaom avvr;alumi;on tjyioUxu&m vr;wpav\mu& cwi;oUta&mu tjyirxur pum;ojy\t*g tpwtyi; wpcc\wm;q;ywyi aEmu,uralumi jzpvmaom pum;ou ac:on/ (xe;jri? 0;? 1996?45)

[ziqxm;ygon/

ojzpíAsn;oqonrm tqwrwuvmaom avonvnrSrwpqi cwi;oU a&mu&&m cwi;& pum;ojzp t*gtpwtyi;wpcc\wm;q;ywqUjci;uc&y; tjyioUxucujzpay:vmaom touAsn;o[qEiygon/

KG **we;uav;uAsm(2)y'& Asn;oto;jy\ru jrermpumopeptwi;& Asn;Z,m; u to;jy\í avvmEiygon/**

Manner of articulation	Place of articulation							
		labial	dental	alveolar	alveolar-palatal	palatal	velar	glottal
	plosive	p,ph,b		t, th, d			k,kh, g	
	glottal stop							ʔ
	affricate				ʦ ʦh,ʤ			
	nasal	hm,m		hn,n		hɲ, ɲ		
	laterial			hl,l				
	fricative		θ,ð	s,sh,z	ɕ			
	vowel glide	hw,w				j		

y(1) KG **oi&;uav;uAsm(3)y'vm Asn;Z,m;**

uAsm Asn;	u , iaumi	y&uqwuav;	wm0eu , p	ppaygi;
p	-	5	-	5
ph	-	2	2	4
b	4	10	2	16
t	-	4	2	6
th	4	1	1	6
d	2	2	3	7
k	5	1	1	7
kh	-	-	1	1
g	2	2	3	7
tɕ	-	5	-	5
tɕh	1	2	1	4
dʒ	-	-	-	-
m	5	4	6	15
hm	1	1	-	2
n	2	2	-	4
hn	-	-	-	-
ɲ	-	4	3	7
hɲ	-	-	-	-
ɳ	-	-	-	-
hɳ	-	-	-	-
l	4	6	2	12
hl	-	-	1	1
θ	5	-	1	6
ð	1	-	-	1
s	2	2	-	4
sh	1	1	1	3
z	-	4	1	5
ɕ	-	-	-	-
h	3	-	-	3
w	3	-	-	3
hw	-	-	-	-
J	4	3	2	9
ppaygi;	49	61	33	143

Z , m;(1) KG **oi&;opuav;uAsm(3)y'\ Asn;o;prtlura&jyZ , m;**

KG **oi&;opuav;uAsm(3)y'& Asn;wpv;csi; to;jyrtlura& trsm;q;rm b^b^ Asn;jzply; (16)lur awU&ygon/ r ^m^Asn;o;prrm (15)lurjzply; o;pr tlura& 'w , trsm;q; jzpon/ *s ^ dʒ ^? ñ^ hɲ ^? i^ ɳ ^? i^ hɳ ^? & ^ ɕ ^? 0 ^ hw ^ Asn; to;jyrurawU&ay/ xazmjycsut& uav;rsm;twu &wq&ev , uaom Ewcr; Asn;rsm;u trsm;q;to;jyxm;alumi; awU&ygon/**

2?1?2/ o&

pum;ojzprwi o&on r&rjzpta&;ygon/ talumi;rm Asn;owow toxuí r&Eiaomalumi jzpygon/ o&ygrom toxuí&ygon/ xUalumi k we; uav; uAsm(3)y' \ pum;ozlypepu avvm&mwi o&pep azmxw&e vygon/

o&owrwcsuu 0;xe;jriu

pum;ozUy &axmiowrwcsut& o&on0Pwpcwi rygrjzpaom tjrlawoabmjzpon/ oUjzpío&rygaom 0P[ír&paumi;[ívn;aumi;? o&rygv\i rnon0Pur\ toxuír&[ívn;aumi; qjci;jzpygon/

(xe;jri? 0;? 1996?45)

[azmjyxm;ygon/

a';Apc&pw, u

o&rsm;u o'aA't&Ei pum;ozyt& ziqEion/ o'aA't& avvr; alumi;wpav\mu ywqUr? usO;ajrmi;r r&blum;Eiavmuaom ywwu o xwvyaomtojzpon/ avonv\m\ tv, ujzwí vwajrmuom; aom tojzpon/ (Crystal, 2004, 496)

[qygon/

bomaA'ynm&i t*&m'u

o&rsm;on ojyi;orsm;jzpUy; Asn;orsm;? o&a&UAsn;rsm; &wqjci;xu cwi;& tovr;alumi;u yryixuatmi&wq&aom pum;orsm;jzpon/ jcm;em;aom o&orsm;on v\mtaetxm;? Ewcr;\ taetxm; ujym;rt& xwvyralumijzpon/ (O,Gradyl,2001,35)

[ziqxm;on/

oUjzpí o&owrwcsursm;u avvmpppaom o'aA'u tajccí ziqrEi pum;ozUpn;rutajccí ziqxm;rwUu awU&ygon/ oUjzp&m o&o[on pum; ojzp t*gtpwtyi; wpcc\ wm;q;ywqUjci;rc&b xuay:vmaom to[í o'aA'&axmir owrw,qEiouoU 0Pwpctwu r&rjzp ta&;ygaom pum;o [í pum;ozUy&axmir avvmowrwEiygon/

2?1?2?1/ o&oeUoeUrsm;

KG **oi&;opuav;uAsm(3)y'wi o&oeUoeU(7)v;awU&ygon/ ,i;wUrm ^i^?^ e^?^ε^?^a^?^ɔ^?^o^?^u^wUjzpygon/ ,i;o&wUu wuusowprsk;rsk;jzivn;aumi;? EmoEiwuusowprsk;rsk;jzivn;aumi;? &yojzivn;aumi; &wqEiygon/**

(1) ^i^ ta&Uty wtjyeUo&

toxu	t"ym,	uAsmtrn
^ji ´^	&	(y&uqw)
^pj`i^	ly;	(y&uqw)
^sī^	p	(y&uqw)
^jn̄^	n	(wm0eu, p)
^dī^	'	(u, iaumi)

txuygom"ursm;t& tavvmcuAsmrsm;wi ^ī^o&u Asn;trsK;rsK;Ei aygi;py í zUpn;wnaqmuxm;onu awU&ygon/

(2) ^e^ ta&Uwp0uywtjyeUo&

toxu	t"ym,	uAsmtrn
/shè/	aq;	(u, iaumi)
/tɕhē/	ajc	(u, iaumi)
/lè/	av;	(y&uqw)
/nē/	ae	(y&uqw)
^jē^	a&	(y&uqw)
/dwē/	aw	(wm0eu, p)
/mē/	ar	(wm0eu, p)
/phē/	az	(wm0eu, p)

txuygom"ursm;t& tavvmcuAsmrsm;wi ^e^o&u Asn;trsK;rsK;Ei aygi;py í zUpn;wnaqmuxm;onu awU&ygon/

(3) ^ɛ^ ta&Uwp0uyitjyeUo&

toxu	t"ym,	uAsmtrn
/l`ɛ/	v	(u, iaumi)
/nɛ́/	eU	(u, iaumi)
/bɛ̄/	b,	(y&uqw)
/hl`ɛ/	vn;	(wm0eu, p)
/khw`ɛ/	c	(wm0eu, p)
/shw`ɛ/	q	(wm0eu, p)

txuygom"ursm;t& tavvmcuAsmrsm;wi ^ɛ^o&u Asn;trsK;rsK;Ei aygi;py í zUpn;wnaqmuxm;onu awU&ygon/

(4) / a/ **ta&Uty i tjye Uo&**

toxu	**t"ym,**	**uAsmtrn**
/ θwà/	**om;**	**(u, iaumi)**
/ b ā/	**yg(bm)**	**(u, iaumi)**
/ g ā/	**um(*g)**	**(y&uqw)**
/ t ā/	**wm**	**(y&uqw)**
/ sà/	**pm;**	**(wm0eu, p)**
/ ɲā /	**nm**	**(wm0eu, p)**
/ hmā /	**rm**	**(wm0eu, p)**

txuygom"ursm;t& tavvmcuAsmrsm;wi ^a^o&u Asn;trsK;rsK;Ei aygi;pyí zUpn;wnaqmuxm;onu awU&ygon/

(5) ^ɔ^ taemuwp0uyi tjye Uo&

toxu	**t"ym,**	**uAsmtrn**
/ bɔ̄ /	**ay:(abm)**	**(u, iaumi)**
/ d ɔ́ /	**awm (a'g)**	**(y&uqw)**

txuygom"ursm;t& wm0eu, puAsmwi /ɔ/သရ **to;jyUjci;u rawU&ay/ u, iaumi uav;uAsmEi y&uqwuav;uAsmwi** /ɔ/သရကို **y^b^Asn;Ei w^'^ Asn;wUEi aygi;pyí zUpn;wnaqmuxm;onu awU&ygon/**

(6) ^o^ taemuwp0uywt0i;o&

toxu	**t"ym,**	**uAsmtrn**
/ hō /	**[**	**(u, iaumi)**
/ ðó /	**oU**	**(u, iaumi)**
/ tɛ ò /	**Iuk;**	**(y&uqw)**
/ tó /	**wU**	**(y&uqw)**
/ kō/	**u**	**(wm0eu, p)**
/ gō/	**u(*)**	**(wm0eu, p)**

txuygom"ursm;t& tavvmcuAsmrsm;wi ^o^o&u Asn;trsK;rsK;Ei aygi;py í zUpn;wnaqmuxm;onu awU&ygon/

(7) / u / **taemu tywt0i;o&**

toxu	**t"ym,**	**uAsmtrn**
/ kù /	**u;**	**(u, iaumi)**
/ θ ū /	**o**	**(u, iaumi)**

txuygom"ursm;t& tavvmcuAsmrsm;wi ^u/သရကို / k/ **Asn;**/ θ/ **Asn;? wUEi aygi;pyí zUpn;wnaqmuxm;onu awU&ygon/**

(၈) / ə / **tv,o&**

toxu	**t"ym,**	**uAsmtrn**
/ mə -sĩ /	**rpi**	**(u,iaumi)**
/ ə wè /	**ta0;**	**(u,iaumi)**
/ ə - tɕheĩ /	**tcse**	**(y&uqwuav;)**
/ kə lè /	**uav;**	**(y&uqwuav;)**
/ ɲə má /	**nr**	**(wm0eu,p)**
/ thə mɹ̀ĩ /	**xri;**	**(wm0eu,p)**

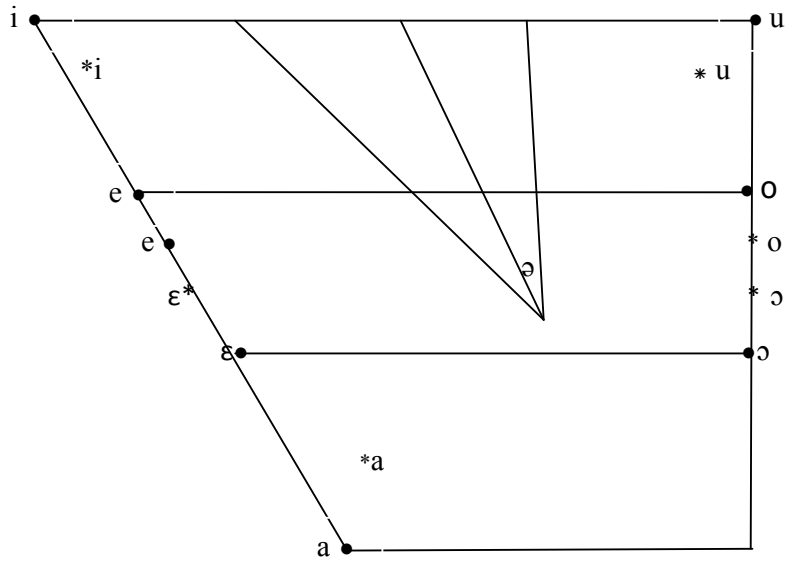
txuygom"ursm;t& tavvmcuAsmrsm;wi ^ə^tv,o&u Asn;trsK; rsK;Ei aygi;pyí zUpn;wnaqmuxm;onu awU&ygon"

txuazmjyygom"ursm;on KG **oi&;opuav;uAsm(3)y'wi yg0iaom jrerm o&rsm;u azmjyxm;jci; jzpygon/ ,i;uAsmrsm;wi jrermo& (7)rsK;Ei tv,o& ^ə^u to;jyxm;alumi; awU&ygon/**

o&oeUoeU / **uAsmtrn**	i	e	ɛ	a	ɔ	o	u	ə	**ppaygi;**
u,iaumi	**1**	**6**	**3**	**9**	**2**	**6**	**2**	**4**	**33**
y&uqwuav;	**6**	**3**	**6**	**18**	**2**	**5**	**-**	**10**	**50**
wm0eu,p	**2**	**9**	**3**	**3**	**-**	**2**	**-**	**4**	**23**
ppaygi;	**9**	**18**	**12**	**30**	**4**	**13**	**2**	**18**	**106**

Z,m;(2) KG **oi&;opuav;uAsm(3)y'\ o&oeUoeUo;prtlura&jyZ,m;**

txuazmjyygZ,m;t& / a/ **o&to;jyr lura& (30)jzply; yxrtrsm;q;awU&ygon/** / e/ **o&Ei** / ə / **tv,o& to;jyr lura& (18)lurp jzply; 'w,trsm;q;awU&ygon/** / u/ **o&to;jyrtlur(2)luromawU&ygon/**



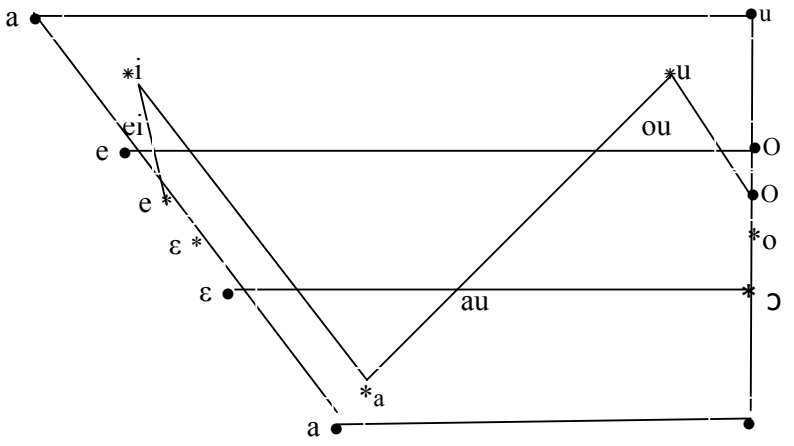
y(2) tajccoEi KG **oi&;opuav;uAsm(3)y'vm o&rsm; Ei; , Ojyxm;ony *oauwEiuyvsu&aomo&rsm;rm** KG **oi&;opuav;uAsm(3)y'vm o&rsm;jzpygon/** 2?1?2?2/ o&wrsm;

o&wEi ywouí 0;xe;jriu

o&wqonrm wpcxuyaom o&tpta0; (oUr[w) twuac:on/
o&wwpcwi omretm;jzi o&Epcomygonu awU&ygon/
(xe;jri? 0;? 1996? 36)

[ziqxm;ygon/

KG **oi&;opuav;uAsm(3)y'wi o&w (2)c &ygon/ , i;wUrm** / ei/ ı / ai/ ı / au/ ı / ou/ **wUjzpon/**



y(3) KG **oi&;opuav;uAsm(3)y'vm o&w jzpy**

KG **oi&;opuav;uAsm(3)y'& o&wrsm;u toxu&mwi o&w\aemuwi &yojzpap? EmoEi wuusowpccygrom toxuEiygon/**

/ei/ **o&w**

/ei/ **o&w jzp&mwi v\mtaetxm;on** /e/ **o&jzp&mr** /i/ **ɔɔ&jzp&mo\ &ww&u u;ajymi;í** /ei/ **o&w jzpvmon/**

toxu	**t"ym,**	**uAsmtrn**
/ei?/	**ty**	**(y&uqwuav;)**
/– tcheĩ /	**cse**	**(y&uqwuav;)**
/ei?/	**ty**	**(y&uqwuav;)**

txuygom"ursm;t& y&uqwuav;uAsmwiom /ei/ **o&wrsm;u to;jy\ xm;\y; useuAsm(2)y'wi to;jy\jci; r&aumi; aw\&ygon/**

/ai/ **o&w**

/ai/ **o&wjzp&mwi v\mtaetxm;on** /a/ **o&jzp&mr** /i/ **o&jzp&mo\&ww&u u;ajymi;í^ei^o&w jzpvmon/ tavvmcuAsm(3)y'r y&uqwuav;uAsmEi wm0e u,p uAsmw\wi ^ai^ o&wto;jy\xm;jci; raw\&ay/**

toxu	**t"ym,**	**uAsmtrn**
/ wa`ĩ /	**0i;**	**(u,iaumi)**

txuazmjyygom"ut& u,iaumiuAsmwiom ^ai^ o&wu (2)\ur to;jy\xm;a\umi; aw\&ygon/

^au^ **o&w**

^au^o&wjzp&mwi v\mtaetxm;on ^a^o&jzp&mr ^u^o&jzp&mo\ &ww&uu;ajymi;í^au^o&w jzpvmon/ tavvmcuAsm(3)y'r y&uqwuav; uAsmEi wm0eu,p uAsmw\wi ^au^ o&wto;jy\xm;jci; raw\&ay/

toxu	**t"ym,**	**uAsmtrn**
/ ka`ũ /	**aumi;**	**(u,iaumi)**
/ gaũ /	**aumi^a*gi^**	**(u,iaumi)**

txuazmjyygom"ut& u,iaumiuAsmwiom ^au^o&wu (2)\ur to; jy\ xm;a\umi; aw\&ygon/

^ou^ **o&w**

^ou^o&wjzp&mwi v\mtaetxm;on ^o^o&jzp&mr ^u^o&jzp&mo\ &ww&uu;ajymi;í^ou^o&w jzpvmon/ tavvmcuAsm(3)y'r wm0eu,p uAsm wi ^ou^ o&wto;jy\jci; raw\&yg/

toxu	**t"ym,**	**uAsmtrn**
/ -joũ /	**&**	**(u,iaumi)**
/ ouʔ /	**ty**	**(u,iaumi)**
/ phjo`ũ /	**jzke;**	**(y&uqwuav;)**
/ louʔ /	**vy**	**(y&uqwuav;)**
/ tẽwnouʔ /	**ukEy**	**(y&uqwuav;)**
/ jo`ũ /	**&;**	**(y&uqwuav;)**

txuazmjyygom"ut& u,iaumiuAsmwiom / oũ/ **o&wEi** / ouʔ/ **u o&wu to;jyk xm;aumi; awU&ygon/**

o&w / uAsmtrn	/ ei/		/ ai/		/ au/		/ ou/	
	/eĩ/	/ eiʔ/	/aĩ/	/ aiʔ/	/aũ/	/ auʔ/	/oũ/	/ ouʔ/
u,iaumi	**-**	**1**	**2**	**-**	**7**	**-**	**1**	**1**
y&uqwuav;	**1**	**2**	**-**	**-**	**-**	**-**	**3**	**5**
wm0eu,p	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	1	**3**	**2**	**-**	**7**	**-**	**4**	**6**
		4		**4**		**7**		**10**

Z,m;(3) KG **oi&;opuav;uAsm(3)y'\ o&wo;prtkura&jyZ,m;**

2ʔ 1ʔ 3/ 0P

pum;ozUypepwi o&i;Ei 0P[í (2)yi;&on/ Asn;o&i;Ei o&o&i;wU wijyky; jzpygon/ þ tce;wi 0Ppepu wijyrnjzpygon/

0PowrwcsuEiywouí yty(cs)ruo;u

0Pqonrm o&wpc(oUr[w)o;jcm;,epwUjzi zUpn;xm;aompum; ozUy ,epjzpygon/

o;jcm;(oUr[w)to a&murwm aumi;aomto,epwUjzi aygi;py zUpn;xm;aom ,epjzpon/ (P.H Matthew,2005,336)

[ziqxm;on/

oUjzpí 0Pon o&wpv;wn; (oUr[w) Asn;o&u wxm;on totpw tyi;u ac:ygon/

tajcc0PzUpn;y (4)rsk;&ygon/ 4i;wUrm

(1) 0V0
(2) CV0
(3) 0VC
(4) CVC **[íjzpygon/**

tavvmc uav;uAsmrsm;wi 0PzUyrm tajcc0PzUpn;y (4)rS;EiAsn;w ygaom zUpn;y(3)rS; ppaygi; zUpn;y(7)rS;u awU&ygon/ 4i;wUrm

(1) 0V0
(2) CV0
(3) 0VC
(4) CVC
(5) CCV0
(6) CCVC
(7) CCCVC **wUjzpygon/**

zUpn;y (1) 0V0 **0Pyp**

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ ə /	**t**	0V0	**(u,iaumi)**
/aũ/	**atmi**	0V0	**(u,iaumi)**
/ ə louʔ /	**tvy**	0VC	**(y&uqwuav;)**

txuazmjyygom"ursm;t& wm0eu,puAsmwi 0V0 0Pyp rawU&yg/

zUpn;y (2) CV0 0Pyp

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ hmā /	**rm**	CV0	**(u,iaumi)**
/kwá/	**u**	CV0	**(u,iaumi)**
/ b ā/	**yg(bm)**	CV0	**(y&uqwuav;)**
/ lè /	**av;**	CV0	**(y&uqwuav;)**
/ – tɕheĩ /	**cse**	CV0	**(y&uqwuav;)**
/ bɛ̃/	**b,**	CV0	**(y&uqwuav;)**
/ d ɔ́ /	**awm (a'g)**	CV0	**(y&uqwuav;)**
/ tɕ ò /	ကြိုး	CV0	**(wm0eu,p)**
/ kō/	ကို	CV0	**(wm0eu,p)**
/ sà/	စား	CV0	**(wm0eu,p)**
/ ɲā /	ညာ	CV0	**(wm0eu,p)**
/ ɲī/	ညီ	CV0	**(wm0eu,p)**
/ th ̀ĩ /	ထင်း	CV0	**(wm0eu,p)**

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wi CV0 **0PypEizUpn;xm; alumi; awU&ygon/**

zUpn;y (3) 0VC **0Pyp**

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ ouʔ /	**ty**	0VC	**(u, iaumi)**
/ eiʔ/	**ty**	0VC	**(y&uqwuav;)**

txuazmjyygom"ursm;t& wm0eu,puAsmwi 0VC **0Pyp rawU&yg/**

zUpn;y (4) CVC **0Pyp**

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ θeiʔ/	**oy**	CVC	(ကိုယင်ကောင်)
/ lɛʔ/	**vu**	CVC	(ကိုယင်ကောင်)
/ sheiʔ/	**qw**	CVC	(ပုရွက်ဆိတ်ကလေး)
/ ɪOuʔ /	လုပ်	CVC	(ပုရွက်ဆိတ်ကလေး)
/ ʧhɛʔ/	ချက်	CVC	(တာဝန်ကိုယ်စီ)
/ tɛʔ/	တက်	CVC	(တာဝန်ကိုယ်စီ)

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wi CVC **0PypEi zUpn;xm; alumi; awU&ygon/**

zUpn;y (5) CCV0 **0Pyp**

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ phjo`ũ /	ဖြုန်း	CCV0	(ပုရွက်ဆိတ်ကလေး)
/ pj`ĩ /	ပျင်း	CCV0	(ပုရွက်ဆိတ်ကလေး)
/ pj ` i/	ပြီး	CCV0	(ပုရွက်ဆိတ်ကလေး)
/ hmā /	မှာ	CCV0	(ကိုယင်ကောင်)
/ dwē/	တွေ	CCV0	(တာဝန်ကိုယ်စီ)
/ hl`ɛ/	လျည်း	CCV0	(တာဝန်ကိုယ်စီ)
/ khw`ɛ/	ခွဲ	CCV0	(တာဝန်ကိုယ်စီ)
/ shw`ɛ/	ဆွဲ	CCV0	(တာဝန်ကိုယ်စီ)

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wi CCV0 **0PypEizUpn;xm; alumi; awU&ygon/**

zUpn;y (6) CCVC **0Pyp**

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ thwɛʔ/	ထွက်	CCVC	(ကိုယင်ကောင်)
/ jwɛʔ/	ရွက်	CCVC	(ပုရွက်ဆိတ်ကလေး)
/ mjɛʔ/	မြက်	CCVC	(တာဝန်ကိုယ်စီ)

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wi CCVC **0PypEizUpn;xm; aluMi; awU&ygon/**

zUpn;y (7) CCCVC 0Pyp

toxu	**t"ym,**	**0P**	**uAsmtrn**
/ tewnou? /	**uREy**	CCCVC	(**y&uqwuav;**)

txuazmjyygom"ut& tavvmc y&uqwuav;uAsmwi CCCVC **0PypEi zUpn;xm;aluMi; awU&ygon/ useuAsm(2)y'wi rawU&yg/**

0P / uAsmtrn	0V0	CV0	0VC	CVC	CCV0	CC VC	CCCVC	ppaygi;
u,iaumi	3	44	1	2	6	1	-	57
y&uqwuav;	4	32	2	5	7	1	1	52
wm0eu,p	-	26	-	2	4	1	-	33
ppaygi;	7	103	3	9	17	3	1	142

ဇယား(၄) KG **oi&;opuav;uAsm(3)y'\ 0P o;prtlura&jyZ,m;**

txuazmjyygZ,m;t& tavvmcuav;uAsmrsm;wi CV0 **0PzUy(103)lurjzpRy; trsm;q; to;jyxm;onu awU&on/ o&\a&Uwi Asn;yg0irrm (3)v;tx &ygon/ o&\aemuwutywAsn; (&yo) yg0iren;aomaLumi &wq&mwi cucrr&b to omr jzpapygon/**

ကျေးဇူးတင်ကြသည်

jrermbmompum;on wuusO bmompum;jzpon/ wuusoonvn; tajcc pum;o,ep jzpontwu pum;ozUywi xnoi;avvmxm;ygon/

wuusoEiywouí upwa0;(p)u

o'aA'qi&m wuusoqonrm wuusobmompum;rsm; twi;pum; v;teut"ym, xi&m;ap&etwu ta&;lu;Ry; 0Pwpc\ to ter tjriuac:ygon/ (Walesl, 2001, 394)

[ziqxm;ygon/

oUjzpí wuusoon bmompum;rsm;twu tx;ta&;ygaom to ajymi;vr wprS;u ac:ygon/

jrermbmompum;wi wuuso(3)rS; &aLumi; awU&ygon/ ,i;wUrm

(1) tpo
(2) oajy

(3) u\o ^ oav; wjzpuygon/

, i;wu oauwjzi jy&v\i

(1) tpo /-´ ^
(2) oajy ^ -^
(3) u\o^oav; ^`- ^ [í jy&ygrn/

KG **oi&;opuav;uAsm(3)y'wi tpo?oajy?u\o^oav;wu awU&ygon/**

(1) tpo ^-´^

toxu	**t"ym,**	**uAsmtrn**
/ né/	**eU**	**(u, iaumi)**
/ ji ´ /	**&**	**(y&uqwuav;)**
/ d ó /	**awm (a'g)**	**(y&uqwuav;)**
/ tó /	**wU**	**(y&uqwuav;)**
^ma ´ /	**r**	**(wm0eu, p)**
/ ga ´ /	ɔ	**(wm0eu, p)**

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wi tpo^-^rsm;to;jy\a&;zU xm;aumi; awU&ygon/

(2) oajy ^ -^

toxu	**t"ym,**	**uAsmtrn**
^ gaũ ^	**aumi^a*gi^**	**(u, iaumi)**
/ – tɕheĩ /	**cse**	**(y&uqwuav;)**
/ nē/	**ae**	**(y&uqw)**
/ bɛ̄/	**b,**	**(y&uqw)**
/ ɲā /	**nm**	**(wm0eu, p)**
/ sī/	**p**	**(y&uqw)**
^ hmā ^	**rm**	**(wm0eu, p)**
^ɲī^	**n**	**(wm0eu, p)**
/ dwē/	**aw**	**(wm0eu, p)**
/ khw`ɛ/	**c**	**(wm0eu, p)**
/ shw`ɛ/	**q**	**(wm0eu, p)**
/ kō/	**u**	**(wm0eu, p)**

txuazmjyygom"ursm;t& tavvmcuAsmrsm;wioajy ^-^rsm;to;jy\a&;zUxm; aumi; awU&ygon/

(3) usoˆoav;ˆ `- ˆ

toxu	**t"ym,**	**uAsmtrn**
/sà/	**pm;**	**(u,iaumi)**
/θwà/	**om;**	**(u,iaumi)**
/lè/	**av;**	**(y&uqwuav;)**
/ phjo`ũ /	**jzle;**	**(y&uqwuav;)**
/ pj`ĩ /	**ysi;**	**(y&uqwuav;)**
/l`ɛ/	**v**	**(y&uqwuav;)**
/hl`ɛ/	**vn;**	**(wm0eu,p)**
/ th`ĩ /	**xi;**	**(wm0eu,p)**
/ jo`ũ /	**&;**	**(y&uqwuav;)**

txuazmjyyg om"ursm;t& tavvmcuAsmrsm;wi usoˆoav;ˆ `- ˆrsm; to;jyla&;zUxm;alumi; awU&ygon/

wuusouAsmtrn	tpo\ ˆ_´ˆ	oajy ˆ_ˆ	usoˆoav;ˆ `- ˆ	ppaygi;
u,iaumi	9	20	19	48
y&uqwuav;	5	25	18	48
wm0eu,p	4	15	8	27
ppaygi;	18	60	45	123

Z,m;(5) KG **oi&;opuav;uAsm(3)y'\ wuusoo;prtlura&jyZ,m;**

txuygZ,m;t& tavvmcuAsmrsm;wi wuusoo;pr tlura&uavvm &mwioajyˆ-ˆto;jylr(60)lur awU&&ygon/ oajyutrsm;q;to;jylum uav;uAsm rsm; a&;zUxm;aomalumi toomí csomajyjypr&alumi; awU&ygon/

lcliO;oycsu

þpmwr;on KG **uav;rsm;twu oi&;op oilum;a&;uAsm(3)y'\ pum;o zUyu avvmxm;ygon/ Asn;pepu azmxw&mwi Asn;wpv;csi; to;jylrtlura& trsm;q;rm bˆbˆAsn;jzply; (16)lur yg0iygon/ 'w,trsm;q;rm rˆmˆAsn;jzply; (15)lurylg0iygon/ xazmjycsut& uav;rsm;&wq&ev,uaom Ewcr;Asn;trsm; q;to;jyxm;onu awU&ygon/ o&to;jyruavvmlunaom ˆaˆo&to;jylr tlurrm (30)lurjzply; trsm;q;jzpon/ o&wto;jyru avvmlunaom ˆouˆ o& to;jylrtlurrm (10)lurjzply; trsm;q;jzpon/ 0P to;jylr (7)rs; awU&ygon/** CV0 **0P to;jylrtlura&rm (103) lurjzpon/ 0P to;jylr trsm;q;zUpn;rypjzpygon/**

xjyi tavvmcuAsm(3)y'& wuusoto;jyru avvmunaomoajy^-¯^ to;jyr (60)urjzpy; trsm;q;to;jyxm;aumi; awU&ygon/

tcsyt m;jziqaom KG **oi&;opuav;uAsm(3)y'\ pum;ozyavvm unaom toomrjzpjci;? &;&i;aompum;v;rsm;o;jci;? &wq&v,ujci;? toynm? A[ow w;ym;apjci;wUaumi uav;Eivu;rsm; Epoupvr;c&aom uav;uAsmrsm;jzpyg on/ xUaumi** KG **uav;rsm;twu oi&;opoium;a&; uAsmrsm;onuav;rsm; twu wez;rjzwEiaom uAsmrsm;yi jzpygon/**

e*;

þpmwr;on KG **uav;rsm;twu oi&;op oium;a&;uAsmrsm;r uAsm(3)y'\ pum;ozyu avvmwijyxm;ygon/ pmwr;&ion ,i;uAsmrsm;\ pum;ozyu bmomaA'&axmir avvmxm;ygon/ use&aom uAsmrsm;uvn; bmomaA'en;jzi avvmEiaumi; tlujycsiygon/ þpmwr;on uav;uAsmrsm;u bmomaA'en;jzi avvmvorsm;twu wpaxmiwpae&mr taxmutyay;Eivrrn[,lunrygon/**

usr;u;pm&i;

xe;jri? 0;? (1996)/ *o'aA'l* &euelrU? &euewuov? *st;pynma&; or0g,rtoi;vrwu

xe;jri? 0; (2004)/ *o'aA'bmomaA'tajccl* &euelrU? ynmweaqmiyEywu/

jrermpmtzU0;p;Xme/ (1991)/ *jrermtb"me?* &eue? zwvpoyEywu/

t*vybmompm&i;

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