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SUPPLEMENT TO "SHOSHONE PHONEMES"

IN UND SIL 1967 WORKPAPERS

by Wesley L. Kosin

1. Revised Phonemes and Allophones
2. Revised Phoneme Chart
3. Phoneme Changes
4. Phoneme Additions
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This supplement is based on an investigation at the 1970 Summer Institute of Linguistics in Grand Forks, North Dakota at the University of North Dakota with the assistance of Miss Malinda Tidzump, informant, Miss Nancy Turtle, staff member, and under the supervision of Richard S. Pittman, Ph.D., linguistic consultant.

Miss Tidzump is bilingual, having learned Shoshone and English simultaneously as a child. She has lived most of her life on the Wind River Indian Reservation in Wyoming, where she attended the Fort Washakie Elementary School and then completed two years at the high school in Lander, which is located on the edge of the reservation. Shoshone has been the language of her home.

1. REVISED PHONEMES AND ALLOPHONES

PHONEMES	ALLOPHONES	PHONEMES	ALLOPHONES
/a/	(a, ʌ, A)	/s/	(s, š)
/i/	(i, ɪ, I)	/x/	(x)
/e/	(e, ε, E)	/h/	(h)
/i̥/	(i̥, ɪ̥, I̥)	/x ^w /	(x ^w , x ^w)
/o/	(o, O)	/v/	(b)
/u/	(u, U)	/z/	(z, ž, dz, dž)
/p/	(p)	/g/	(g)
/t/	(t, t̥)	/h ⁿ /	(h)
/d/	(ɖ, ɖ̥, d)	/h ^w /	(h ^w)
/c/	(ts, tʃ)	/z ⁿ /	(z ⁿ , ž ⁿ , dz ⁿ , dž ⁿ)
/k/	(k)	/m/	(m, M)
/ʔ/	(ʔ)	/n/	(n, N, ŋ)
/k ^w /	(k ^w)	/h ⁿ /	(h ⁿ)
/g ^w /	(g ^w)	/w/	(w, W)
/h ^d /	(h ^d)	/h ^w /	(h ^w)
/b ⁿ /	(b ⁿ , p ^m)	/y/	(y, Y)
/d ⁿ /	(d ⁿ , d̥ ⁿ , t ⁿ , t̥ ⁿ)	/h ^y /	(h ^y)
/k ⁿ /	(k ⁿ)	/w ⁿ /	(w ⁿ , w ⁿ)
/g ⁿ /	(g ⁿ)	/y ⁿ /	(y ⁿ)
/g ^w /	(g ^w)	/r ⁿ /	(r ⁿ)
/f/	(f)	/r ^h /	(r ^h)

2. REVISED PHONEME CHART

CONSONANTS								
	Labials	Alveolars		Velars	Glottals	Labialized		
STOPS	p	t d c		k	ʔ	k ^w g ^w	asp h _d	
Pre-nasalized	n _b	n _d		n _k n _g		n _g ^w		
FRICATIVES								
Voiceless	f	s		x	h	x ^w		
Voiced	v	z		ɣ				
Nasalized					n _h	n _h ^w		
Prenasalized		n _z						
LIQUIDS								
Nasals	m	n						h _n
Semi-vowels	w	y				h _w h _y		
Nasalized	n _w	n _y n _r						n _r ^h

VOWELS				
	Front		Back	
		Unrounded		Rounded
High	i	ï		u
Mid	e			o
Low	a			

3. PHONEME CHANGES

3.1 /nw/ and following, on page 8 to:

/ⁿw/ (ɰ) voiced high close back rounded nasalized
vocoid with nasalization on the preceding vowel
(ʔəɰap̥i) /eⁿwap̥i/ crazy (taɰa) /taⁿwa/ tooth

3.2 /n/ voiced alveolar retroflexed nasal in some idiolects to:

/ⁿr/ (ɽ) voiced nasalized retroflexed vocoid with the
timbre of the preceding vowel
(tuugaɳi) /tuugaⁿri/ at night (haɳip̥i) /haⁿrifi/ corn
(ʔoɳap̥i) salt (haɳibuihi) /haⁿrivuihi/ housefly
(tiaaɳuki) (tiaⁿruki) frightened

4. PHONEME ADDITIONS

4.1 /ⁿh/ (h) voiceless nasalized glottal fricative with the timbre of the following vocoid and with nasaliza- tion on the preceding vowel

(ʔohiyatsoʔo) /oⁿhihacoʔo/ cough medicine

(ʔohinitsigwat̥) /oⁿhin̥cigwat̥i/ cough sickness

4.2 /ⁿh^w/ (h^w) voiceless nasalized labialized glottal frica- tive with the timbre of the preceding vocoid and nasalization on the preceding vowel

(pigihanguhwa) /pigihanguⁿh^wa/ boar

4.3 /ⁿk/ (ŋk) voiceless prenasalized velar stop

(ʔen̥koamp̥i) /eⁿkoambi/ buffalo berries

4.4 /ⁿr^h/ (ɽ^h) retroflexion and nasalization of preceding vocoid plus following voiceless glottal fricative

(ʔoɳhaʔa) /oⁿr^haʔa/ baby (ʔaaha) /aⁿr^ha/ armpit

(tsuuhip̥i) /cuⁿr^hip̥i/ bone (kaahi) /kaⁿr^hi/ house

4.5 /ⁿs/ (ʃ) voiceless alveopalatal nasalized grooved fricative occurs after front vowels with nasali- zation on preceding vowel

(n̥i ʔabetʃiʃiyiz̥inu) /n̥i aveciⁿs̥y̥üz̥inu/ I got up
early this morning

(ʔabetʃiʃ̥) /aveciⁿs̥ü/ early

Though I lack supporting data, I would expect to
find that (ʃ)voiceless alveolar nasalized grooved
fricative would occur elsewhere.

- 4.6. /ⁿy/ (y) voiced high close front unrounded vocoid with
nasalization on the preceding vowel

(kwiⁿyaha) /kwiⁿyaha/ chicken
(tooⁿyagati) /tooⁿyagati/ thunder

5. RESIDUAL PROBLEMS

5.1 (huutšuhu) bird

In all other occurrences (tš) and other alveopalatals occur only after front vocoids

5.2 (sipekaxu) flat /sipekanxu/

(sipekaxu happi) lying down flat

/nx/(x) voiceless nasalized velar fricative with nasalization on preceding vowel
The above word for "flat" is the only occurrence in my data of (x)

5.3 (^mh) voiceless prenasalized glottal fricative found only in (tigumhani) cook

5.4 (ⁿh) occurs in (?ⁿhařowambiha suwai?i) Do you want choke cherries?

6. ERRATA for "Shoshone Phonemes" in the 1967 UND SIL Workpapers:

Page 2, Add length to second (i) to make it (i:).

Page 5, Under /^m^b/

(nampaha-) /nampaha-/ shoe. Change the dash to three dots
(nampaha...) /nampaha.../

Page 6, Under /c/ change "saunce" to "sauce"

Page 7, Under /d/ change (d) to (ḍ) and change "alveolar to dental."

Page 8, Under /n/ "Voiced alveolar retroflexed nasal in some idiolects" should have been a separate entry as follows:
/ṇ/ (ṇ) Voiced alveolar retroflexed nasal in some idiolects. (?oṇapi) /oṇapi/ salt.

However, recent studies indicate that this is a voiced nasalized retroflexed vocoid with the timbre of the preceding vocoid. (?oṇapi) /oṇapi/ salt. Cf. the "Shoshone Phonemes Supplement" in these workpapers.

Page 8, Under /nw/ omit (g) from (?engwapi)

Page 9, Under /hd/ change "voiced" to "voiceless"

Also, underline (ř) in (hř) to make it (hř)

Page 10, Under 5.1, Omit "except /xw/ and /hy/"

Add /w/ and /y/ to the list of initial-syllable consonants.

Page 11, Under TONE add "On vowel clusters a downglide occurs."

Also substitute "pitch" for the word "tone."