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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
5. Residual Problems
6. Errata

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)
/i̇/	(i̇, ɨ̇, ĭ̇)	/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, ṭ)	/ ⁿ h/	(h)
/d/	(ř, ɹ̣, d)	/ ⁿ h ^w /	(h ^w)
/c/	(ts, tš)	/ ⁿ z/	(ⁿ z, ⁿ ž, ⁿ dž, ⁿ tš)
/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 ɹ̣)	/ ^h w/	(^h w)
/ ⁿ b/	(^m b, ^m p)	/y/	(y, Y)
/ ⁿ d/	(ⁿ d, ⁿ ḍ, ⁿ t, ⁿ ṭ)	/ ^h y/	(^h y)
/ ⁿ k/	(^ŋ k)	/ ⁿ w/	(w, W)
/ ⁿ g/	(^ŋ g)	/ ⁿ y/	(y)
/ ⁿ g ^w /	(^ŋ g ^w)	/ ⁿ r/	(r)
/f/	(p)	/ ⁿ 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/ (ɥ) voiced high close back rounded nasalized
vocoid with nasalization on the preceding vowel

(ʔəɥap̥i) /eⁿwap̥i/ crazy (taɥa) /taⁿwa/ tooth

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

/ⁿr/ (ɾ) voiced nasalized retroflexed vocoid with the
timbre of the preceding vowel

(tuugaṛi) /tuugaⁿri/ at night (haṛiṛi) /haⁿrifi/ corn

(ʔoṛaṛi) salt (haṛibuihi) /haⁿrivuihi/ housefly

(tiaṛuki) (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

(ʔohinitsigwatṣ) /oⁿhinṣigwati/ 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

(pigihanguḥwa) /pigihanguⁿh^wa/ boar

4.3 /ⁿk/ (ŋk) voiceless prenasalized velar stop

(ʔeŋkoampi) /eⁿkoambi/ buffalo berries

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

(ʔoḥaʔa) /oⁿr^haʔa/ baby (ʔaḥa) /aⁿr^ha/ armpit

(tsuḥipi) /cuⁿr^hipi/ bone (kaḥi) /kaⁿr^hi/ house

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

(nṣi ʔabetšišiyizinu) /nṣi aveciⁿsüyüzinu/ I got up
early this morning

(ʔabetšišṣ) /aveciⁿsü/ early

Though I lack supporting data, I would expect to
find that (š) 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
(tooyagati) /tooⁿyagati/ thunder

5. RESIDUAL PROBLEMS

- 5.1 (huutšuhu) bird
In all other occurrences (tš) and other alveo-
palatals occur only after front vocoids
- 5.2 (sipekaxu) flat /sipekanxu/
(sipekaxu habpi) lying down flat
/nx/(x) voiceless nasalized velar fricative with nasali-
zation 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 (tīgumhani) cook
- 5.4 (ⁿh) occurs in (?inⁿhařowanbiha suwai?i) Do you want choke
cherries?

6. ERRATA for "Shoshone Phonemes" in the 1967 UND SIL Work- papers:

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

Page 5, Under /^mb/
(nampaha-) /nampaha-/ shoe. Change the dash to three dots
(nampaha...) /nampaha.../

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

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 idio-
lects. (?onafi) /onafi/ salt.

However, recent studies indicate that this is a
voiced nasalized retroflexed vocoid with the timbre of
the preceding vocoid. (?oⁿrafi) /onrafi/ 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."