Class 1.1: Guerrilla tonal field work!!

0.0 Administrative

- (1) Agenda
 - a. Quick notes
 - i. Possible course time change for Thursday?
 - ii. Collaboration highly encouraged, but write up assignments individually.
 - iii. Course website is on Google classroom (https://classroom.google.com), class code is j0g1t1f. Note: you must be signed into your UMass account, e.g., at https://apps.umass.edu to access this.
 - iv. Quick look at pre-course survey
 - b. Fieldwork
- (2) Upcoming assignments due: see Google classroom page
 - a. Come meet with me about term project ideas (due by 1/29 2:30pm)
 - b. Tonal listening practice: easy and/or harder (due before class Thursday)
 - c. Reflect on fieldwork exercise. Be prepared to discuss and to offer what you think are key items to re-elicit. (due before class Thursday)
 - d. Install latest version of Praat and bring computer to class on Thursday 01/24. (due before class Thursday)

0.1 Vocabulary for fieldwork

- (3) Often begin with concrete nouns:
 - a. food/drink: e.g. banana, water
 - b. animals: e.g. dog, snake
 - c. place/landmarks: e.g. house, church/temple
 - d. body parts: e.g. tooth, eye
 - e. natural objects: e.g. star, rain, tree, grass, mountain
 - f. Implements/tools: e.g. rope, knife
 - g. kinship: e.g. mother, brother
- (4) Swadesh list example:
 - https://scholarspace.manoa.hawaii.edu/bitstream/handle/10125/4400/swadesh.html
- (5) STEDT list (Sino-Tibetan Etymological Dictionary and Thesaurus) from James Matisoff: http://stedt.berkeley.edu/questionnaires

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2015)

CONSONANTS (PULMONIC)

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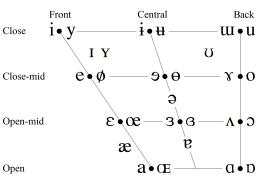
	Bila	bial	Labio	dental	Der	ntal	Alve	olar	Postalv	veolar	Retro	oflex	Pal	atal	Ve	elar	Uv	ular	Phary	ngeal	Glo	ttal
Plosive	p	b					t	d			t	q	С	J	k	g	q	G			3	
Nasal		m		ŋ				n				η		ŋ		ŋ		N				
Trill		В						r										R				
Tap or Flap				V				ſ				t										
Fricative	ф	β	f	V	θ	ð	S	Z	ſ	3	ş	Z	ç	j	X	γ	χ	R	ħ	ſ	h	ĥ
Lateral fricative							ł	ß														
Approximant				υ				J				-J		j		щ						
Lateral approximant								1				l		λ		L						

Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
O Bilabial	6 Bilabial	examples:
Dental	d Dental/alveolar	p' Bilabial
(Post)alveolar	f Palatal	t' Dental/alveolar
‡ Palatoalveolar	g Velar	k' Velar
Alveolar lateral	G Uvular	S' Alveolar fricative

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

OTHER SYMBOLS

- M Voiceless labial-velar fricative
- W Voiced labial-velar approximant
- U Voiced labial-palatal approximant
- H Voiceless epiglottal fricative
- Yoiced epiglottal fricative
- P Epiglottal plosive
- $\c C$ $\c Z$ Alveolo-palatal fricatives
- $\int_{0}^{\infty} \int_{0}^{\infty} Voiced alveolar lateral flap$
- Affricates and double articulations
- can be represented by two symbols joined by a tie bar if necessary.

SUPRASEGMENTALS

- Primary stress founə tı sən
- I Long eI
- ' Half-long e'
- Train-rong C
- Extra-short $\breve{\mathbf{e}}$
- Minor (foot) group
- Major (intonation) group
- Linking (absence of a break)

TONES AND WORD ACCENTS

	LEVEI	_		CONTOUR						
ő	or \neg	Extra high	ě	or /	Rising					
é	⊣	High	ê	V	Falling					
ē	⊣	Mid	ĕ	1	High rising					
è	٦	Low	ĕ	1	Low rising					
è	J	Extra low	è	4	Rising- falling					
\downarrow	Downs	step	7	Global	-					
1	Upstep)	>	Global	fall					

DIACRITICS Some diacritics may be placed above a symbol with a descender, e.g. $\mathring{\eta}$

0	Voiceless	ņ d	Breathy voiced	þ	a	_	Dental	ţ	d	
V	Voiced	ş ţ	~ Creaky voiced	þ	a	u	Apical	ţ	d	
h	Aspirated	th dh	Linguolabial	ţ	ğ	_	Laminal	ţ	₫	
,	More rounded	Ş	W Labialized	t^{w}	d^{w}	~	Nasalized		ẽ	
c	Less rounded	Ş	j _{Palatalized}	t ^j	d^{j}	n	Nasal release		d^n	
+	Advanced	ų	Y Velarized	\mathbf{t}^{γ}	d^{γ}	1	Lateral release		d^{l}	
_	Retracted	e	Υ Pharyngealized	t^{ς}	d^{ς}	٦	No audible releas	se	ď	
••	Centralized	ë	~ Velarized or pharyngealized 1							
×	Mid-centralized	ě	Raised	ę	Ţ =	voic	ed alveolar fricativ	e)		
1	Syllabic	ņ	Lowered	ę	$\beta = \frac{1}{2}$	voic	ed bilabial approxi	imant	:)	
_	Non-syllabic	ĕ	Advanced Tongue	Root	ę					
ι	Rhoticity	or ar	Retracted Tongue	Root	ę					