

Hall
Ling 503
Spring 2006

Phonetic Transcription

1. Some useful links

The IPA website:

<http://www2.arts.gla.ac.uk/IPA/fullchart.html>

An IPA chart with links to the sounds:

<http://phonetics.ucla.edu/course/chapter1/chapter1.html>

An interactive sagittal section with IPA symbols:

<http://www.chass.utoronto.ca/~danhall/phonetics/sammy.html>

SIL IPA phonetic fonts:

http://scripts.sil.org/cms/scripts/page.php?site_id=nrsi&cat_id=Home

2. A thought question

On the IPA consonant chart (see back of page), not every box is filled in. What are two reasons there might be an empty box? Give an example of each.

3. The IPA chart:

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993)

CONSONANTS (PULMONIC)

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			ʀ					ʀ		
Tap or Flap				ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
◌ Bilabial	ɓ Bilabial	ʼ as in:
Dental	ɗ Dental/alveolar	p' Bilabial
! (Post)alveolar	ɟ Palatal	t' Dental/alveolar
≠ Palatoalveolar	ɡ Velar	k' Velar
Alveolar lateral	ɠ Uvular	s' Alveolar fricative

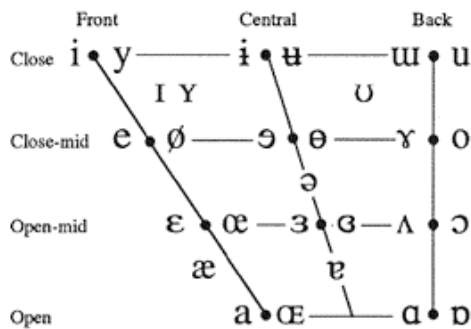
SUPRASEGMENTALS

' Primary stress	founə'tɪʃən
ˌ Secondary stress	
ː Long	eː
ˑ Half-long	eˑ
˚ Extra-short	e˚
· Syllable break	ɪ.ækt
Minor (foot) group	
Major (intonation) group	
◌ Linking (absence of a break)	

TONES & WORD ACCENTS

LEVEL	CONTOUR
ē or ˥ Extra high	ě or ˨ Rising
é ˧ High	ê ˩ Falling
ē ˦ Mid	ě ˧ High rising
è ˧ Low	ě ˨ Low rising
ẽ ˩ Extra low	ě ˨˩ Rising-falling etc.
↓ Downstep	↗ Global rise
↑ Upstep	↘ Global fall

VOWELS



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

OTHER SYMBOLS

ʍ Voiceless labial-velar fricative	ɕ ʑ Alveolo-palatal fricatives
ʋ Voiced labial-velar approximant	ɺ Alveolar lateral flap
ɥ Voiced labial-palatal approximant	ɥ Simultaneous ʃ and ɣ
ħ Voiceless epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʕ Voiced epiglottal fricative	
ʡ Epiglottal plosive	

kp̥ ts̥

DIACRITICS

Diacritics may be placed above a symbol with a descender, e.g. ɲ̥

◌ Voiceless	◌ ɲ̥ ɖ̥	◌.. Breathily voiced	◌.. ɸ̤ ɠ̤	◌ ɳ̤ Dental	◌ ʈ̤ ɖ̤
◌ Voiced	◌ ɳ̤ ʈ̤	◌~ Creaky voiced	◌~ ɸ̤ ɠ̤	◌ ʈ̤ Apical	◌ ɖ̤
◌h Aspirated	◌h t̤ ɖ̤h	◌~ Linguolabial	◌~ ɸ̤ ɠ̤	◌ ʈ̤ Laminar	◌ ɖ̤
◌ More rounded	◌ ɔ̠	◌w Labialized	◌w t̤w ɖ̤w	◌~ Nasalized	◌ẽ
◌ Less rounded	◌ ɔ̠	◌j Palatalized	◌j t̤j ɖ̤j	◌n Nasal release	◌n
◌+ Advanced	◌+ ɹ̥	◌Y Velarized	◌Y t̤Y ɖ̤Y	◌l Lateral release	◌l
◌- Retracted	◌- ɹ̠	◌ʕ Pharyngealized	◌ʕ t̤ʕ ɖ̤ʕ	◌' No audible release	◌'
◌ː Centralized	◌ː ɛ̠	◌~ Velarized or pharyngealized	◌~ ɸ̤ ɠ̤		
◌˘ Mid-centralized	◌˘ ɛ̠	◌+ Raised	◌+ ɛ̠ (ɹ̠ = voiced alveolar fricative)		
◌̥ Syllabic	◌̥ ɹ̥	◌- Lowered	◌- ɸ̤ (ɸ̤ = voiced bilabial approximant)		
◌˥ Non-syllabic	◌˥ ɛ̠	◌+ Advanced Tongue Root	◌+ ɸ̤		
◌˩ Rhoticity	◌˩ ɛ̠	◌- Retracted Tongue Root	◌- ɸ̤		