

## Olkola Phoneme Inventory

### Consonant phonemes

Bold face characters show the phonemes in the standard orthography. IPA symbols in square brackets show the principal allophone(s) of each phoneme.

	Bilabial	Lamino-dental	Apico-alveolar	Apico-postalveolar	Lamino-alveopalatal	Dorso-velar
Long voiceless aspirate	<b>p</b> [p <sup>h</sup> ː]	<b>th</b> [t <sup>h</sup> ː]	<b>t</b> [t <sup>h</sup> ː]		<b>ch</b> [c <sup>h</sup> ː]	<b>k</b> [k <sup>h</sup> ː]
Voiced stop/spirant	<b>b, bh</b> <sup>1</sup> [b] [β]	<b>dh</b> [d̥] [ð]	<b>d</b> [d]		<b>j</b> [ɟ]	<b>g</b> [g] [ɣ]
Nasal	<b>m</b> [m]	<b>nh</b> [n̥]	<b>n</b> [n]		<b>ny</b> [ɲ]	<b>ng</b> [ŋ]
Pre-stopped nasal	<b>bm</b> [ᵇm]	<b>dnh</b> [ᵈn̥]	<b>dn</b> [ᵈn]		<b>jny</b> [ʝɲ]	<b>gng</b> [gŋ]
Lateral		<b>lh</b> [l̥]	<b>l</b> [l]		<b>ly</b> [ɭ]	
Trill			<b>rr</b> [r] [r̥]			
Approximant	<b>w</b> [w]			<b>r</b> [ɻ]	<b>y</b> [j]	

### Vowel phonemes

	Front	Central	Back
High	<b>i</b> [i] [ɪ]		<b>u</b> [u] [ʊ]
Mid	<b>e</b> [ɛ] [ɛ̃]		<b>o</b> [ɔ]
Low		<b>a</b> [a] [ə] [ʌ]	

<sup>1</sup> The phones [b] and [β] occur in complementary distribution. The stop allophone occurs following nasals, word-finally and (in one word) following another oral stop. The spirant allophone occurs between oral sonorants. This allophonic pattern is quite rigorously maintained but there are a handful of forms which have been heard in isolated instances with the stop allophone of this phoneme between oral sonorants.