

# Historical grammar of Kalahim

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	labial	dental	palatal	velar	glottal
stop	p b p <sup>j</sup> b <sup>j</sup> p <sup>w</sup> b <sup>w</sup>	t d t <sup>j</sup> d <sup>j</sup> t <sup>w</sup> d <sup>w</sup>		k g k <sup>j</sup> g <sup>j</sup> k <sup>w</sup> g <sup>w</sup>	
fricative		s			h
nasal	m	n			
approximant	w	l	j		
trill		r			

There are no /ji, wu/.

- /p<sup>j</sup> b<sup>j</sup>/ > /f/, /k<sup>j</sup> g<sup>j</sup>/ > /t<sup>j</sup> d<sup>j</sup>/, /t<sup>j</sup> d<sup>j</sup>/ > /ʃ/
- /w/ > Ø / V\_V.
- /s/ > /r/ / \_[+voi, +cons].
- /i/ > /y/ / <sup>w</sup> \_.
- /ju/ > /y/.
- /k, g/ > /tʃ, dʒ/, except when \_{y, u}.
- /p<sup>w</sup> b<sup>w</sup>/ > /p, b/.
- /t<sup>w</sup>, d<sup>w</sup>/ > /t, d/ / \_{y, e}, > /k/ / \_u, > /p, b/ / \_{a, o}.
- /k<sup>w</sup> g<sup>w</sup>/ > /k, g/.
- V<sub>1</sub>V<sub>2</sub> > V<sub>1</sub>ː.
- Various cluster simplification to geminate C<sub>2</sub>.
- Geminate consonants become singleton and lengthen the preceding vowel.
- /iː, uː/ > /eː, oː/.
- /aː, eː, oː/ > /ai, ei, oi/.
- /e, o/ > /je, wo/ when stressed.
- /oi, ou/ > /we, o/.
- WRITING
- /y/ > /i/ <y>.
- /ai, au/ > /e, o/ <ai, au>.