

Underlying Representations II

1 More practice

Dataset 92 (Sierra Popoluca):

Note: [ɲ] is a voiced palatal nasal.

ROOTS		PAST, COMPLETED ACTION	
a.	/pet/ 'sweep'	e.	[miɲneʔ] 'he came'
b.	/miɲ/ 'come'	f.	[hoksneʔ] 'he hoed'
c.	/nɒk/ 'go'	g.	[petpetneʔ] 'he kept sweeping over and over'
d.	/hoks/ 'hoe'	h.	[nɒknɒkneʔ] 'he kept going over and over'
		i.	[hokshoksneʔ] 'he kept hoeing over and over'

PAST, INCOMPLETE ACTION

j.	[pedoʔj]	'he swept here and there'
k.	[hoksoʔj]	'he hoed here and there'
l.	[petpedoʔj]	'he kept sweeping here and there, over and over'
m.	[hokshoksoʔj]	'he kept hoeing here and there, over and over'

1. List the ALLOMORPHS (not morpheme!) that correspond to the following meanings.

'PAST': Ø

'INCOMPLETE ACTION': Ø

'COMPLETED ACTION': -[neʔ], -[ɲeʔ]

'here and there': -[oʔj]

2. What is the rule that corresponds to the 'keep X-ing over and over' morpheme?

Full reduplication of root

3. Other phonological rules are necessary to account for the allomorphy in the data. State the rule(s) in **formal notation**. Make sure you look at the entire provided data, not just the allomorphs from Q1.

1. /n/ → [ɲ] / [ɲ] ____
 ↘ [n] elsewhere

(look carefully at datapoint (e)!)

2. /t/ → [d] / ____ V
 ↘ [t] elsewhere