Dutch

Consider the following words from Dutch (West Germanic).

- Are there any alternating morphemes?

- If so, how should they be represented in the mental lexicon? What rule or rules are needed to produce the appropriate surface forms?

Notes:　[ʋ]　labiodental glide
　　　　[x]　voiceless velar fricative
　　　　[r]　alveolar trill
　　　　[œ]　mid lax front round vowel
　　　　[y]　high tense front round vowel
　　　　[:]　(shows that the preceding vowel is long)

	Singular	*Plural*	*Meaning*
a.	[lir]	[lirən]	'pulley'
b.	[mɛp]	[mɛpən]	'slap'
c.	[spɛlt]	[spɛldən]	'pin'
d.	[kɑnt]	[kɑntən]	'side'
e.	[rɛis]	[rɛizən]	'journey'
f.	[dœyf]	[dœyvən]	'pigeon'
g.	[ʋɑŋ]	[ʋɑŋən]	'cheek'
h.	[kʌus]	[kʌusən]	'sock'
i.	[ka:rt]	[ka:rtən]	'card'
j.	[rɑnt]	[rɑndən]	'edge'
k.	[bɑl]	[bɑlən]	'ball'
l.	[ʒirɑf]	[ʒirɑfən]	'giraffe'
m.	[ʋɛp]	[ʋɛbən]	'web'
n.	[pa:rt]	[pa:rdən]	'horse'
o.	[sxun]	[sxunən]	'shoe'
p.	[le:ʋ]	[le:ʋən]	'lion'

(data set from Gussenhoven & Jacobs 1998)