

## LARDIL (an Australian aboriginal language)

Analysis: pp. 166-182.

| Uninflected | Acc.Nonfuture | Acc.Future  |                 |
|-------------|---------------|-------------|-----------------|
| kæntapal    | kæntapal-in   | kæntapal-uɿ | <i>dugong</i>   |
| ṭuŋal       | ṭuŋal-in      | ṭuŋal-uɿ    | <i>tree</i>     |
| kæɬar       | kæɬar-in      | kæɬar-uɿ    | <i>river</i>    |
| ṭumur       | ṭumur-in      | ṭumur-uɿ    | <i>coolimon</i> |
| mijaɿ       | mijaɿ-in      | mijaɿ-uɿ    | <i>spear</i>    |

Acc.Nonfuture: /-in/

Acc.Future: /- uɿ/

| Uninflected | Acc.Nonfuture | Acc.Future |                  |
|-------------|---------------|------------|------------------|
| mæla        | mæla-n        | mæla-ɿ     | <i>sea</i>       |
| wanka       | wanka-n       | wanka-ɿ    | <i>arm</i>       |
| kuŋka       | kuŋka-n       | kuŋka-ɿ    | <i>groin</i>     |
| ṭawa        | ṭawa-n        | ṭawa-ɿ     | <i>rat</i>       |
| taɾŋka      | taɾŋka-n      | taɾŋka-ɿ   | <i>barracuda</i> |
| ṭæmpæ       | ṭæmpæ-n       | ṭæmpæ-ɿ    | <i>mother's</i>  |
|             |               |            | <i>father</i>    |
| wiɾæ        | wiɾæ-n        | wiɾæ-ɿ     | <i>interior</i>  |

Vowel Deletion:

[+syllabic] → Ø / [+syllabic] \_\_\_\_

*Delete a vowel after a vowel.*

| Uninflected | Acc.Nonfuture | Acc.Future |              |
|-------------|---------------|------------|--------------|
| ɲuka        | ɲuku-n        | ɲuku-ɿ     | <i>water</i> |
| kaɬa        | kaɬu-n        | kaɬu-ɿ     | <i>child</i> |
| ɲawa        | ɲawu-n        | ɲawu-ɿ     | <i>wife</i>  |
| pulpa       | pulpu-n       | pulpu-ɿ    | <i>mound</i> |
| muɲa        | muɲu-n        | muɲu-ɿ     | <i>elbow</i> |

Final Lowering (tentative!)

$$\begin{matrix} V \\ \left( \begin{matrix} +\text{high} \\ +\text{back} \end{matrix} \right) \end{matrix} \rightarrow \begin{matrix} \left( \begin{matrix} +\text{low} \\ -\text{round} \\ -\text{back} \end{matrix} \right) \end{matrix} / \_\_\_\#$$

*Word-final /u/ will be lowered to [a].*

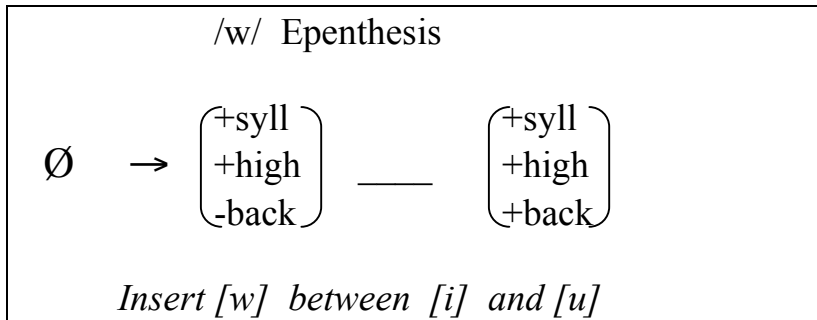
| Uninflected | Acc.Nonfuture | Acc.Future |                 |
|-------------|---------------|------------|-----------------|
| kæɲtæ       | kæɲti-n       | kæɲti-wuɿ  | <i>wife</i>     |
| ɲiɲæ        | ɲiɲi-n        | ɲiɲi-wuɿ   | <i>skin</i>     |
| papæ        | papi-n        | papi-wuɿ   | <i>father's</i> |
|             |               |            | <i>mother</i>   |
| tɪmpæ       | tɪmpi-n       | tɪmpi-wuɿ  | <i>tail</i>     |
| nʲæɾwæ      | nʲæɾwi-n      | nʲæɾwi-wuɿ | <i>place</i>    |

Final Lowering (general rule)

$$\begin{matrix} \left( \begin{matrix} +\text{syllabic} \\ +\text{high} \end{matrix} \right) \end{matrix} \rightarrow \begin{matrix} \left( \begin{matrix} +\text{low} \\ -\text{back} \\ -\text{round} \end{matrix} \right) \end{matrix} / \_\_\_\#$$

*The two high vowels are lowered word-finally:*

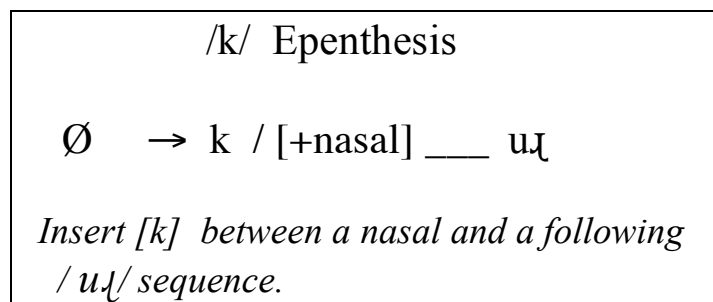
*/u/ → [a], /i/ → [æ]*



/w/ Epenthesis must precede the Vowel Deletion Rule!

**Study the derivations on p. 173.**

| Uninflected | Acc.Nonfuture | Acc.Future  |                |
|-------------|---------------|-------------|----------------|
| jaraman     | jaraman-in    | jaraman-kuɿ | <i>horse</i>   |
| pirŋæn      | pirŋæn-in     | pirŋæn-kuɿ  | <i>woman</i>   |
| kaŋtʲin     | kaŋtʲin-in    | kaŋtʲin-kuɿ | <i>wallaby</i> |
| tupalan     | tupalan-in    | tupalan-kuɿ | <i>road</i>    |
| ma:ŋ        | ma:ŋ-in       | ma:ŋ-kuɿ    | <i>spear</i>   |



| Uninflected | Acc.Nonfuture | Acc.Future    |                          |
|-------------|---------------|---------------|--------------------------|
| jalul       | jalulu-n      | jalulu-ɿ      | <i>flame</i>             |
| majar       | majara-n      | majara-ɿ      | <i>rainbow</i>           |
| wiwal       | wiwala-n      | wiwala-ɿ      | <i>bush mango</i>        |
| puɬuɿmar    | puɬuɿmara-n   | puɬuɿmara-ɿ   | <i>native companion</i>  |
| karikar     | karikari-n    | karikari-wuɿ  | <i>butterfish</i>        |
| kaŋkaɿ      | kaŋkaɿi-n     | kaŋkaɿi-wuɿ   | <i>father's father</i>   |
| jilijil     | jilijili-n    | jilijili- wuɿ | <i>species of oyster</i> |

Apocope

$V \rightarrow \emptyset / VC_oVC_o \_\_\#$

*Delete the final vowel of the word if at least two syllables precede it.*

**Study the derivations on p. 175.**

| Uninflected | Acc.Nonfuture  | Acc.Future     |                          |
|-------------|----------------|----------------|--------------------------|
| jukar       | jukar pa-n     | jukarpa-ɿ      | <i>husband</i>           |
| wulun       | wulunka-n      | wulunka-ɿ      | <i>species of fruit</i>  |
| wuɬal       | wuɬaltʰi-n     | wuɬaltʰi-wuɿ   | <i>meat</i>              |
| paŋtʰipaŋ   | paŋtʰipaŋtʰi-n | paŋtʰipaŋtʰi-ɿ | <i>hat</i>               |
| kantukan    | kantukantu-n   | kantukantui-ɿ  | <i>red</i>               |
| karwakar    | karwakarwa-n   | karwakarwa-ɿ   | <i>species of wattle</i> |
| jarpajar    | jarpajarpa-n   | jarpajarpa- ɿ  | <i>bird species</i>      |

Cluster Reduction

$C \rightarrow \emptyset / C \_\_\#$

*Delete a word-final consonant when it preceded by a consonant.*

Cluster Reduction must be ordered after the Apocope Rule.

**Study the derivation on p. 177.**

| Uninflected | Acc.Nonfuture | Acc.Future    |                            |
|-------------|---------------|---------------|----------------------------|
| putu        | putuka-n      | putuka-ɿ      | <i>short</i>               |
| murkuni     | murkunima-n   | murkunima-ɿ   | <i>nullah</i>              |
| ɲawuŋa      | ɲawuŋawu-n    | ɲawuŋawu-ɿ    | <i>termite</i>             |
| pukatʰi     | pukatʰija-n   | pukatʰija-ɿ   | <i>seavenger hawk</i>      |
| tipitʰi     | tipitʰipi-n   | tipitʰipi-wuɿ | <i>species of rock cod</i> |
| ɬarawu      | ɬarawuɬa-n    | ɬarawuɬa-ɿ    | <i>trousers</i>            |
| ɬapu        | ɬaputʰi-n     | ɬaputʰi-wu-ɿ  | <i>older brother</i>       |
| ja:ku       | ja:kuwa-n     | ja:kuwa-ɿ     | <i>blue-tongued lizard</i> |
| ɲunʲiŋu     | ɲunʲiŋui-n    | ɲunʲiŋui-wuɿ  | <i>message stick</i>       |

| Uninflected | Acc.Nonfuture  | Acc.Future      |                         |
|-------------|----------------|-----------------|-------------------------|
| ɬurara      | ɬuraraŋ-in     | ɬuraraŋ-kuɿ     | <i>shark</i>            |
| ɲalu        | ɲaluk-in       | ɲaluk-uɿ        | <i>story</i>            |
| kumpu       | kumpuŋ-in      | kumpuŋ-kuɿ      | <i>anus</i>             |
| milwarkaɬu  | milwarkaɬuŋ-in | milwarkaɬuŋ-kuɿ | <i>shovelnose shark</i> |

These consonants are permitted word-finally:

[t], [n], [l], [ɾ], [ŋ], [ɿ]

Apical consonants: [-distributed]

Examples: p. 179.

The following consonants are deleted in word-final position:

[p], [m], [w], [tʰ], [tʰʲ], [nʲ], [j], [k], [ŋ]

These are [+distributed] consonants.

Examples: p. 179.

Study the consonant inventory on p. 166 and Table 8.1 on p. 167.

Non-apical Deletion

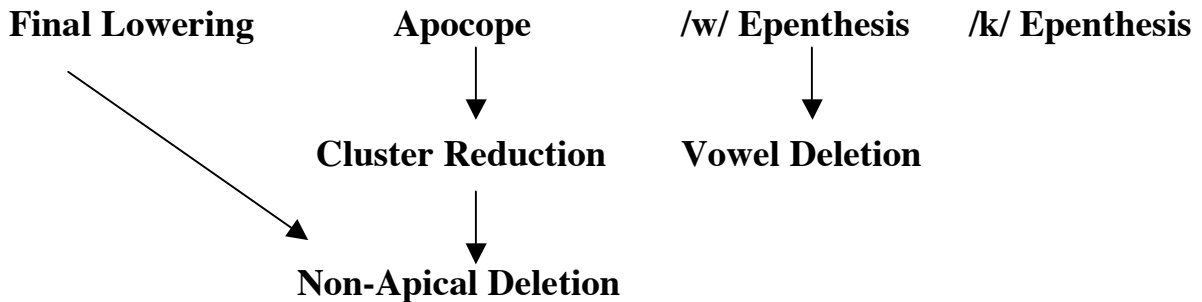
$C \rightarrow \emptyset / \_\_\_\#$  unless  $C = [-distributed]$

*Word-final [+distributed] consonants are deleted.*

Study the derivations on p. 180.

Note: The *Cluster Reduction Rule* precedes *Non-Apical Deletion*.

The *Final Lowering Rule* must apply before *Non-Apical Deletion*.



Study Figure 8.1 on p. 182.

