

**A CLASSIFICATION OF THE FORMS OF THE "PASSIVE"
SUFFIX USED WITH MAORI VERB-BASES**

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Introduction

Source of Material. The material used in this classification is drawn entirely from Williams 1957, and is as near as possible an exhaustive treatment of the Williams data.

Syllabification. The structure of the syllable is taken as being either CV or V, except that VV sequences of identical vowels (which appear phonetically as a long vowel) are taken as monosyllabic, since they are treated differently from VV sequences of dissimilar vowels.

Method of Classification. A four-figure classification is used, three before and one after a decimal point. The first figure gives the number of syllables in the verb-base, the second the group number, the third the suffix number within the group as follows:

011 -ngia	015 -whia
012 -nia	016 -ria
013 -kia	017 -ia
014 -hia	018 -mia
021 -a	022 -ea
031 -na	035 -rina
032 -ina	036 -whina
033 -hina	037 -nga
034 -kina	038 -hanga
041 -tia	

The fourth number, following the decimal point, classifies the type of use, as follows:

- 000.1 Regular use
- 000.2 Use to distinguish homonyms
- 000.3 Use as alternative to regular form
- 000.4 Irregular uses

Percentage Distribution of Occurrence.

Group	10	20	30	40	Total
No. of syllables	92	8	—	—	100
100	29	53	12	6	100
200	12	34	8	46	100
300	16	34	7	43	100
400	11	27	6	56	100
500					

Number of Regular Verbs in each Sub-Group.

The following table gives the number of regular verb-bases in the sub-groups in which they are classified. All other verb-bases are quoted in the classification.

111.1 - 8	213.1 - 2	221.1 - 110	321.1 - 174	421.1 - 12	511.1 - 2
116.1 - 4	214.1 - 13	231.1 - 9	331.1 - 15	431.1 - 8	521.1 - 12
121.1 - 3	216.1 - 6	232.1 - 8	341.1 - 108	441.1 - 46	531.1 - 2
	217.1 - 13	241.1 - 7			541.1 - 31

A Classification of Maori "Passive" Suffixes

100 Monosyllabic Verb-Bases

110 Group 1

111 -ngia

111.1 regular after *-aa*, *-ee*, *-oo*.

111.2 homonyms: *uu-ngia* 'arrive'; *uu-ria* 'bite'.

111.4 *tii-* exists only in the passive form *tii-ngia*.

112 -nia

112.3 alternative to *-ngia*: *tii-*.

113 -kia

113.3 alternative to *-ngia*: *paa*, *too*.

114 -hia

114.3 (a) alternative to *-ngia*: *raa*.

(b) alternative to *-a*: *pii*.

116 -ria

116.1 regular after bases ending in *-uu*.

117 -ia

117.2 homonyms: *paa-ia* 'obstruct', *paa-ngia*, *paa-kia* 'touch'; *taa-ia* 'aim blow at', *taa-ngia* 'bail canoe'.

117.3 (a) alternative to *-ngia*: *too*.

(b) alternative to *-ria*: *puu*.

117.4 with the verb-bases *aa*, *koo*.

120 Group 2

121 -a

121.1 regular after bases ending in *-ii*.

200 Dissyllabic Verb-bases

Two irregular verb-bases with a wide variety of "passive" suffixes are not included in those classified below. These are *roko*, used with *-hia*, *-hina*, and *-hanga*; and *whao*, used with *-ria*, *-ngia*, *-na*, *-whia*, *-whina*. Monosyllabic bases reduplicated or prefixed by *whaka-* follow the same rules as monosyllabic bases in general, but without reduplication of the base in the "passive".

210 Group 1

211 *-ngia*

211.3 alternative to *-a*: *kuku* (passive forms: *kuku-a*, *kuu-ngia*).

211.4 with the verb-bases: *aro*, *pai*, *rere*, *tohu*.

213 *-kia*

213.1 regular with verb-bases ending in *-oto*, *-omo*

213.2 homonyms: *whiti-kia* 'shine', *whiti-a* 'turn over'.

213.4 with the verb-bases *hopu*, *taataa*, *oma*, *roro*. (The existence of *omaki-a* and *roki-a* suggests that the shortened bases have retained original passive forms.)

214 *-hia*

214.1 regular with verb-bases ending in *-ra*, *-ato*, *-apo* (and *-ao* < *-apo*), *-aro*, and *-a+(m~n~ŋ)+o*; and with verb-bases having the form *r+(a~o~u)+k+(a~o~u)*.

214.2 homonyms: *unu-hia* 'pull off', *unu-mia* 'drink'; *utu-hia* 'dip up water', *utu-a* 'make response'; *hou-hia* 'bind', *hou-a* 'force downwards'.

214.3 alternative to *-a*: *murū*.

214.4 with the verb-bases *neke*, *oro*, *tiro*, *rapi*, *huri*, *motu*.

216 *-ria*

216.1 regular with verb-bases ending in *-a+(h~p~zero)+u*, in *-upu*, and with completely reduplicated *(h~wh)+a*.

217 *-ia*

217.1 regular with verb-bases ending in *-ia*, *-i+C+a*, *-aka*, *-apa*, *-iro*; and with verb-bases having the form *(p~t)+V+(a~ta~wha)*.

217.2 homonyms: *hua-ia* 'overturn', *hua-ina* 'name'.

217.3 alternative to *-ina*: *poka*.

217.4 with the verb-bases *tunga*, *noho*, *kau*, *kookoo*.

218 *-mia*

218.2 homonyms: *horo-mia* 'swallow', *horo-a* 'face' (but *horomi-a* is a possible source of the "passive" form).

218.4 with the verb-bases *nao*, *aru*, *tanu*, *unu* (cf. *tanumi-a*, derived from *numi-a*, which is possibly connected also with *unu*).

220 Group 2

221 *-a*

221.1 regular with verb-bases ending in *-e*; for all verb-bases ending in *-i*, *-o*, *-u* and not included in other categories; and for all ending in *-(a~e~u)+(m~n~ŋ)+a*.

221.3 (a) alternative to *-ia*: *miro*, *tapa*, *rapa*.

(b) alternative to *-tia*: *waha*, *ringi*.

221.4 with the verb-bases *tara*, *paki*.

222 *-ea*

222.3 alternative to *-a*: *heu*, *keu*. The existence of this termination with these two bases only, suggests that *heu* and *keu* were originally *heue* and *keue*, derived from *ue*, and forming the passive in a regular manner with *-a*. If this is correct, then *-ea* is a ghost suffix.

230 Group 3

231 -na

231.1 with verb-bases having the form $t+(a\sim o\sim i)+k+(o\sim u\sim i)$; also *tao*; and those ending in $-o+(k\sim \eta)+o$.

231.3 alternative to -a: *toro*.

231.4 with the verb-bases *ako, haki, tahu, whaaki*

232 -ina

232.1 with verb-bases having the forms $(h\sim t\sim k\sim zero)+V+(h\sim t\sim zero)+a$, or $(e\sim o)+(k\sim p)+a$.

232.3 alternative to -a: *panga, pana*.

232.4 with the verb-bases *paka, wera*.

234 -kina

234.3 alternative to -kia: *taataa*.

237 -nga

237.4 with the verb-base *kai*.

240 Group 4

241 -tia

241.1 with verb-bases having the form $(h\sim p)+V+(he\sim ki)$, or ending either in $-i+(m\sim n\sim \eta)+i$ or in *-aha*.

241.2 homonyms: *puru-tia* 'hold', *puru-a* 'plug up'.

241.3 alternative to -a: *tena, kumu*.

241.4 with the verb-bases *wheo, kotee, peera, poopoo, paahi*.

300 Trisyllabic Verb-Bases

Trisyllabic bases having reduplicated first syllables take the same passive suffix as the corresponding dissyllabic base; in almost all cases the "passive" form of the dissyllabic base is used without reduplication. Monosyllabic bases with *whaka-* prefixed follow the rules of the corresponding monosyllables.

310 Group 1

311 -ngia

311.4 with the verb-base *tutohu*.

313 -kia

313.3 alternative to -a: *pooutu*.

313.4 with the verb-bases *korepe, tupona*.

314 -hia

314.4 with the verb-bases *rorongo, tiwara, taakoro* and *pooruku* (which follows the pattern for *ruku*).

316 -ria

316.3 alternative to -a: *whiitiki, aapiti*.

316.4 with the verb-bases *tipoka, hahau, matakū, pukai, pukei, maakutu*.

317 -ia

317.4 with the verb-bases *tiora, tatau*.

320 Group 2

321 -a

321.1 with verb-bases ending in $-(a\sim e\sim u)+i$, $-(a\sim o\sim u)+r+(e\sim i)$, *-eri*; in *-oi*, except where it is preceded by *k*, *h*, or *p*; in $-(wh\sim V)+iri$, *-pe*, $-(h\sim r)+V+ke$, $-(C \text{ other than } h)+(o\sim a)+e$; and with those having the form $(r\sim t)+(a\sim zero)+u$ or $(n\sim m)+(a\sim o)+u$; and all verb-bases ending in *-o* and not classified elsewhere.

321.3 alternative to *-tia*: *waiho*.

321.4 with the verb-bases *uruhi*, *kohuki*, *haere*, *koopere*, *whitiki*, *koowhiti*, *koomuku*.

330 Group 3

331 -na

331.1 regular for verb-bases ending in $-(i\sim a)+ki$, or *-rah+(i\sim u)*.

332 -ina

332.3 alternative to *-tia*: *aroha*.

332.4 with the verb-bases *karuta*, *taapoa*.

337 -nga

337.4 with the verb-base *hapai*.

340 Group 4

341 -tia

341.1 regular with verb-bases ending in *-a*, *-e*, $-(i\sim e)+(r\sim r)+o$, $-(h\sim n\sim p)+i$, $-(k\sim n\sim t)+oi$.

341.3 alternative to *-a*: *paoui*, *koopare*, *aapiti*, *koohari*, *taaruru*, *titheru*.

341.4 with the verb-bases *kawiri*, *inaki*, *tiipare*, *kiinaki*, *paakiki*, *tiireki*, *taawhai*, *taahei*, *tiikei*, *kaapui*, *kaau*, *haakari*, *taawhiri*, *hiirau*, *taaitu*, *auru*, *kookuru*.

400 Tetrasyllabic Verb-bases.

With a few exceptions, completely reduplicated dissyllabic bases, and dissyllabic bases with *whaka*-prefixed, take the same passive suffix as the corresponding dissyllabic base. The exceptions are recorded below.

410 Group 1

411 -ngia

411.4 with the verb-bases *whakaea*, *okaoka*, *paripari*.

412 -nia

412.4 with the verb-base *whakamoa*.

414 -hia

414.4 with the verb-base *kaiponi*.

416 -ria

416.4 with the verb-bases *takapau*, *pehopeho*.

417 -ia

417.4 with the verb-base *pokapoka*.

420 Group 2

421 -a

421.1 regular with verb-bases ending in -o, in -(o~u)+re, in -ume, -ake, in -e+(h~r)+e and -(r~t~n~a)+u.

421.3 alternative to -na: *huripoki*.

430 Group 3

431 -na

431.1 regular with bases ending in -(a~i~o)+ki; and in -oko.

433 -hina

433.4 with the verb-base *taiapo*.

440 Group 4

441 -tia

441.1 regular with verb-bases ending in -a, in -i except for -(a~o)+ki, in -oro, and all those ending in -u or -e not classified elsewhere.

441.4 with the verb-bases *manaaki*, *taupaki*, *uataki*, *taiari*, *taieri*.

500 Verb-Bases of more than four syllables

510 Group 1

511 -ngia

511.1 bases consisting of reduplicated dissyllables ending in -(o~a)+ra if *whaka-* is prefixed.

511.4 with the verb-bases *piioakaoka*, *kooreparepa*.

514 -hia

514.4 with the verb-base *whakaitiro*.

516 -ria

516.4 with the verb-base *whakatakoto*.

520 Group 2

521 -a

521.1 all verb-bases with *koo-* prefixed except *kooreparepa*; bases beginning with *pa-*, *po-*, *ta-*, *tai-*, *ti-*; and bases ending in -tu.

521.4 with the verb-bases *whakahaere*, *whakapaatai*, *hihorehore*.

530 Group 3

531 -na

531.1 verb-bases ending in -ki.

531.4 with the base *whakapeepeke*.

540 Group 4

541 -tia

541.1 all verb-bases not otherwise specified.

BIBLIOGRAPHY

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