

Problem 5.

Phan Rang Cham:

(...)	D	(V L)	V	(C)
			V	

- both syllables
 - $\{*\mathbf{b}, *\mathbf{d}, *\mathbf{g}, *\mathbf{j}\} > \{\mathbf{p}, \mathbf{t}, \mathbf{k}, \mathbf{c}\}$
 - NV > Ni
 - Vi > V
- penultimate syllable
 - $*\mathbf{?V} > V$
 - $*\mathbf{lV} > \mathbf{li}$
 - $*\mathbf{bV(h)L} > \mathbf{piL}$
 - otherwise CV(V) > Ca
 - -h > \emptyset
- final syllable
 - $*\mathbf{s} > \mathbf{th}$
 - $\{*\mathbf{p}, *\mathbf{t}, *\mathbf{k}\} > ?$

V is a vowel. C is a consonant. D is a voiced consonant (**b**, **d**, **j**). T is a voiceless consonant (**k**, **t**, **?T**). N is a nasal consonant (**m**, **n**, **ŋ**). L ∈ {l, r}.

(a) *phia¹¹.

(b)

Proto-Chamic	Phan Rang Cham	Tsat	meaning
*kulit	kali?	(1) li? ²⁴	skin
*hitam	hatam	(2) ta:n? ⁴²	black
*bubah	papàh	(3) pha ⁵⁵	mouth
*?ikat	(4) ika?	(5) ka? ²⁴	to tie
*dəpa	(6) tapa	(7) pa ¹¹	fathom
*matay	(8) mitay	(9) ta:i? ⁴²	to die
*dalam	(10) talàm	(11) la:n? ⁴²	inside
*labuh	(12) lipùh	(13) phu ⁵⁵	to fall down
*bula:n	(14) pilàn	(15) phia:n ¹¹	moon
	pala	(16) pia ³³	to plant
	tapuh	(17) phu ⁵⁵	to ransom
	tatà	(18) tha ¹¹	chest

Tsat:

... h	; ... ay	; ... aN
\emptyset^{55}	a:i? ⁴²	a:n? ⁴²
Proto-Chamic	... T	...({N, w, y})
+D	? ⁴²	11
-D	? ²⁴	33

- $\{*\mathbf{b}, *\mathbf{p}, *\mathbf{g}\} (\mathbf{V}) \{*\mathbf{l}, *\mathbf{r}\} > \{\mathbf{ph}, \mathbf{p}, \mathbf{kh}\} \mathbf{i}$
- otherwise the penultimate syllable is lost
- final syllable
 - $\{*\mathbf{b}, *\mathbf{d}, *\mathbf{g}\}- > \{\mathbf{ph}, \mathbf{th}, \mathbf{kh}\}-$
 - $^*\mathbf{r}- > \mathbf{z}-$
 - $\{*\mathbf{ow}, *\mathbf{ey}\} > \{\mathbf{ə}, \mathbf{ai}\}$