Voice and Extraction in Tanjung Pauh Mudik Kerinci Peter Cole, Gabriella Hermon and Tim McKinnon

This paper will describe the voice system of Tanjung Pauh Mudik (TPM), a Malayic dialect spoken in the Kerinci valley in Jambi Province, Sumatra, Indonesia. The highly divergent Malayic dialects of Kerinci have only been described in a handful of publications mostly focusing on the Sungai Penuh dialect (Isman, 1958; Van Reijn, E.O.,1976/1990; Steinhauer & Usman, 1978; Joesnidar et.al., 1984; etc...). It is only now becoming clear how much variation is found in the dialects of this area.

Along with other Kerinci dialects, TPM is unique among Malayic languages because many lexical items in the language have two forms which differ in the pronunciation of their root-final syllable rime (e.g. timba? ~ timb \widehat{o} ? (shoot)). These alternate forms are termed "Absolute" and "Oblique" following Steinhauer & Usman (1978), who describe the alternation as it is manifested in the Sungai Penuh dialect. In this paper, we demonstrate that TPM manifests verbal morphology typical of a "symmetrical" or "Philippine-type" voice system. With few exceptions, in Philippine-type voice systems "gap" relativization is restricted to subjects. Furthermore, this restriction is predicted to be a necessary aspect of Philippinetype voice systems in a number of frameworks, among them Rackowski and Richards' (2005) and Cole Hermon and Yanti (2008). We find in TPM that non-subject nominal constituent extraction is allowed. In our paper we provide a detailed report on the voice and extraction facts, and examine the question of whether the correct synchronic analysis of the Absolute/Oblique distinction might provide an explanation for the unexpected possibility of non-subject "gap" extraction. Based on the distributions found, we argue that at least in verbs the Absolute/Oblique distinction constitutes agreement morphology. The apparent "gaps" found in non-subject relative clauses are in fact phonologically null pronouns, whose presence is licensed by the agreement morphology. Thus, according to our analysis it is the existence of the Absolute/Oblique distinction that makes apparent non-subject "gap" relativization.

The claim that the apparent "gaps" are really phonologically null pronouns makes predictions about other aspects of TPM grammar. In particular, it predicts that relativization into Ross islands should be possible. In sharp contrast to other varieties of Malayic that do not manifest the Absolute/Oblique distinction, this prediction is confirmed.

References:

Cole, Peter, Gabriella Hermon and Yanti, 1998. "Voice in Malay/Indonesian" (to appear in Lingua)

- Isman, Jakub, 1958. *Kerinchi Phonology*. Bloomington: Department of Linguistics, Indiana University. [M.A. thesis]
- Anwar, Joesnidar, Agusli Lana, Amir Hakim Usman, Syahwin Nikelas, Zainuddin Amir, Marah Rusmali,1984. *Kata Benda dan Kata Sifat Bahasa Kerinci*. Jakarta: Pusat Pembininaan dan Pengembangan Bahasa, Departemen Pendidikan dan Kebudayaan.
- Ross, J. R., 1967. 'Constraints on variables in syntax', diss, MIT, Cambridge, Mass.
- Rackowski, A., Richards, N., 2005. "Phase edge and extraction: a Tagalog case study." Linguistic Inquiry 36.4, 565-599.
- Steinhauer, H., and A. Hakim Usman ,1978. "Notes on the Morphemics of Kerinci (Sumatra)", in: S.A.Wurm and Lois Carrington (eds.), Second International Conference on Austronesian Linguistics. Fascicle I.Western Austronesian. Pacific Linguistics C-61: 483-502

Van Reijn, E.O.1976 "The reduction of diphthongs to cardinal vowels in the dialects of North-Kerintji (Sumatra)", Actes du XXIXe Congrès International des Orientalistes. Indonésie 3:173-176

Van Reijn, E.O., 1990. "Texts from Kumun (Kerinci)", NUSA, Linguistic Studies in Indonesian and Languages in Indonesia. 32: 63-94

Appendix: Supporting Data

(1) Examples Illustrating the Absolute/Oblique Distinction in Verbs

Sample TMP Kerinci verbs and their alternating forms:

English	Standard Indonesian	TPM		
English Standard Indonesian		Absolute Form	Oblique form	
'to eat'	makan	maka	makən	
'to pinch'	cubit	sibət	sib i t	
'to help'	tolong	tulo	tuloŋ	

Sample sentences with the Absolute/Oblique verb forms:

Absolute Form: (without direct object)

ka ndəo? **maka** minən lah. 1sg.N FUT **eat.A** now.N just.N 'I am going to eat right now."

Oblique form: (with/without direct object)

ka	ndəo?	makən	nasae	minən	lah	
1sg.N	FUT.N	eat.O	rice.A	now.N	just.N	
"I am going to eat rice right now."						

*ka	ndəo?	maka	nasae	minən	lah
1sg.N	FUT.N	eat.O	rice.A	now.N	just.N

(2) Non-subject "gap" extraction in TPM

sapo	(ŋən)	Heri	nimbəo?.
who.N	(REL.)	N)Heri	N-shoot.O
'Who di	d Heri	shoot?'	

badut	ŋən	Heri	nimbəo?	tah	tiŋgaɛ.
clown.N	REL.N	Heri	N-shoot.O	DEM.N	tall.A.
'That clo	wn that l	Heri shot	is tall.'		

(3) Data Illustrating Relativization into Ross Islands in TPM:

Relative clause island:

ha	yanton	ŋən	ka	suwo	ha	tinəo	tah	nimbəo?	matae.
Class.N	male.O	REL	1sg.N	meet.N	Class	female.O	DEM.N	N-shoot.O	die.A
'The ma	in that I n	net th	e woma	n who sh	ot (hin	n) died.'			

Adjunct island:

 $t^{w} \overline{oo}$ ŋən Tim naŋach karn \overline{oo} Mila ŋčit dijuwən piw? ŋəh. car.N REL.N Tim.N cry.A cause.N Mila.N N-paint.O DI-sell.N father.O 3.N 'The car that Tim cried because Mila painted (it) was sold by her father.'

Glossing:

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N- = Nasal "agent voice" prefix	.O = Oblique form
N = Non-alternating root	A = Absolute form
DI- = passive prefix	