

## VERMIFORM APPENDIX I

Culturally Appropriate Lexicostatistical Model  
for SouthEast Asia

[CALMSEA]

or

"The Matisoff 200-word List"  
arranged by semantic categories and cor-  
related with some reconstructed roots in  
STC, TSR, etc.

A. Bodyparts (N<sub>bp</sub>)

1. \*belly (exterior) STC \*pu·k (358) [see above  
1.141(b)]
2. \*blood STC \*s-hwiy (222)
3. \*bone STC \*rus (6)
4. \*ear/hear STC \*g-na (453)
5. \*egg STC \*twiy (168)
6. \*eye STC \*mik \* \*myak (402)
7. \*fat/grease STC \*ryak (204), \*tsil (pp. 16,  
168, 173), \*sa·w (272)
8. \*foot STC \*kriy (38)
9. \*guts STC \*pik (35) [see above  
1.141(b)]
10. \*hair (head) STC \*s-kra (115); \*ney (292);  
\*tsam (73)
11. \*hair (body)† STC \*mul (2), \*tsam (73)
12. \*hand/arm STC \*lak (86)
13. \*head STC \*m-gaw \* \*s-gaw (490), \*d-bu  
(p. 117)
14. \*heart STC \*s-nin (367)
15. \*horn STC \*kruw (37), \*run (85)
16. \*liver STC \*m-sin (234)

\*words which also appear on the Swadesh 200-word list are asterisked.

\*\*words which further differentiate a single item on the Swadesh 200-word list.

†corresponds to Swadesh's 'feather.'

17. \*mouth STC \*ak (106), \*m-ka (468)
18. \*neck STC \*ke (251), \*lin (96), \*tuk  
(392)
19. \*nose STC \*s-na ~ \*s-na-r (101)
20. \*skin/bark STC \*s-graw (121), \*kok (342)
21. \*spit STC \*m-ts(y)il (231), \*m-tuk ~  
\*s-tuk ~ \*s-du-k (pp. 58,  
75, 126, 132, 146), \*twiy  
(168)
22. \*tail STC \*r-may (282)
23. \*tongue STC \*m-lay ~ \*s-lay (281)
24. \*tooth STC \*s-wa (437)
25. \*wing JAM \*s-ton; \*(s/k-)l-w-ak  
[cf. ARM #12]; \*(s/p-)lyap  
[cf. FLY #149]
26. \*nail/claw STC \*m-(t)sin (74)

In Swadesh, but not in our list:

- back STC \*s-ga'l (p. 18), \*s-nun  
(354);
- knee STC \*du (p. 21), \*(m-)ku-k (pp.  
120, 159, 182); \*put (7);
- leg STC \*(r-)kan (pp. 70, 142).

The following are not in Swadesh, but are on our list:

27. finger/toe STC \*m-yun (355)
28. palm STC \*pwa or \*b-wa (418)
29. penis STC \*li ~ \*m-ley (262)

30. vagina or breast/milk STC \*nuw (419)
31. brain STC \*nuk (483)
32. navel STC \*la·y, \*s-tay (299)
33. shit STC \*kliy (125), \*n(y)ik (235),  
           \*s-ban (p. 21); \*r-kyak x  
           \*s-kyak (pp. 26, 146), \*e·k  
           (pp. 26, 146)
34. piss STC \*ts(y)i x \*ziy (77)
35. sweat PLB \*?krwiy<sub>2</sub>
36. snot STC \*s-nap (102)
37. vomit PLB \*Npat (TSR 38), STC \*on (343)
38. marrow STC \*klin (126)
39. breath/life STC \*sak (485); TSR \*C-sak (123)
- B. Pronouns/kinship terms/nouns referring to humans (N<sub>hum</sub>)
40. \*person/human being STC \*r-mi(y) (pp. 107, 119, 158)
41. \*thou STC \*na(ŋ) (407)
42. \*I STC \*na (406) x \*nay (285)
43. \*child/son STC \*za x \*tsa (59)
44. grandchild (nephew) STC \*b-liy (448)
45. son-in-law STC \*ma·k (324), TSR \*z-ma·k (153)
46. \*name STC \*n-min (83)
- C. Foodstuffs. (N<sub>food</sub>)
47. peas, beans STC \*be (253), TSR \*s-nok (140)
48. poison [antifood] STC \*duk x \*tuk (472)
49. mushroom / fungus STC \*g-muw (455) x (JAM \*s-muw)
50. liquor STC \*yu(w) (94)

51. plantain/banana STC \*s-ŋak (477)
- 51a. medicine / juice STC \*tsiy (65)
- 51b. rice (in fields) STC \*b-ras (pp. 17, 123)
- 51c. rice (cooked) PLB \*haŋ<sub>2</sub> (Bradley 1975a,  
#281b)
- D. Animal names or animal products (N<sub>anim</sub>)
52. meat/\*animal STC \*sya (181)
53. \*bird STC \*bya (177), TSR \*s-ŋak (141)
54. \*dog STC \*kwiy (159)
55. \*fish STC \*ŋya (189)
56. \*louse STC \*s-rik (439), \*sar \*śar  
(pp. 15, 53, 84, 147, 172,  
189)
57. \*snake STC \*b-ru·l (447)
58. frog STC \*s-bal (15, 21, 107)
59. insect, bug, vermin STC \*buw (27)
60. bee PLB \*bya<sub>2</sub>; STC \*kwa·y (157),  
\*was (17), \*tan (494) [cf.  
BIRD #53]
61. dove STC \*m-kruw (118), \*kuy  
'pigeon' (495)
62. monkey STC \*mruk (pp. 43, 112), \*woy  
(314); PLB \*m-yuk (JAM  
1973e)
63. pig STC \*pwak (43); PLB \*wak (TSR  
168)

64. fowl STC \*k-rak (pp. 88, 107, 187-9)
65. otter STC \*s-ram (438)
66. horse STC \*s-ran \* \*m-ran (145)
67. ant STC \*rwak (199)
68. bear STC \*d-wam (461)
- 68a. leech STC \*rpat
- 68b. water leech STC \*m-li-t
69. rat/rodent TSR \*k-r-wak (188); STC \*bwiy  
(173) 'bamboo rat,' STC  
\*b-yuw (93) 'rat, rabbit'
- E. Natural objects or phenomena; the inanimate landscape;  
vegetable and mineral kingdoms ( $N_{nat}$ )
70. \*ashes STC \*pla (137)
71. \*cloud PLB \*C-tim<sub>1</sub> (Bradley 1975a,  
#320-2)
72. \*earth STC \*r-ka (97), \*mliy (152)
73. \*fire STC \*bar \* \*par (220), \*mey  
(290)
74. \*flower STC \*ba-r (1)
75. \*fruit STC \*sey (57)
76. \*grass STC \*mrak (149)
77. \*leaf STC \*la (486), \*lap (321), \*pak  
(40)
78. \*moon STC \*s-la \* \*g-la (144)
79. \*mountain PLB \*kan<sub>1</sub> (Bradley 1975a, #312)
80. \*rain STC \*r-wa (443)

81. \*river/valley STC \*klu·ŋ (127), \*kor (349)
82. \*road STC \*lam (87)
83. \*root STC \*bul \* \*pul (pp. 166, 173),  
\*r-sa (442)
84. \*salt STC \*g-ryum (245), \*tsa (214)
85. \*sky STC \*muw (488)
86. \*smoke STC \*kuw (256)
87. \*star STC \*s-kar (49)
88. \*stick PLB \*da₁ (cf. Lahu á-tà)
89. \*stone STC \*brak (134) 'rock,' \*r-luŋ  
(88), PLB \*k-lok \* \*k-lon (TSR 190)
90. \*sun/day STC \*nam (48), \*niy (81),  
\*tsyar (187)
91. \*tree/wood STC \*siŋ (233); PLB \*sik (TSR  
118)
92. \*water STC \*twiy (168), \*m-tšril (p.  
30)
93. \*wind STC \*g-liy (454)
94. branch STC \*ka·k (327), \*ku·ŋ (359)
95. silver STC \*d-ŋul (pp. 15, 173)
96. bamboo STC \*g-pa (44)
97. shade/shadow STC \*g-rip \* \*s-rip (p. 113)
98. joint STC \*tsik (64)
99. thorn (prick) STC \*tsow (276)
100. \*night STC \*ya (417)
101. iron STC \*si·r (372), \*syam (228)

102. field

102a. swidden PLB \*hya<sub>1</sub> (Bradley 1975a, #414)102b. irrigated paddy  
field PLB \*'dan<sub>3</sub>; \*C-mii (Bradley  
1975a, #415)F. Artifacts and social organization ( $N_{art}$ )103. arrow STC \*m-da (pp. 96, 111-112, 118),  
\*b-la (449)104. needle STC \*kap (52); PLB \*k-rap (TSR  
191)

105. house STC \*kim \*kyim \*kyum (53)

106. bow STC \*d-liy (463)

107. boat STC \*m-liy (474)

108. mortar STC \*tsum (75)

109. village STC \*n-wa \*g-wa (444), TSR  
\*kak (22)G. Spatial/directional ( $N_{spat}$ )

110. \*leftside STC \*bay (47)

111. \*rightside STC \*g-ya \*g-ra (98)

112. \*fan (v.) STC \*dzya-l (229), \*wiy<sub>2</sub> (PLB)

113. \*near (v.) STC \*ney (291)

114. \*year STC \*nin (368)

H. Numerals and quantifiers ( $N_{num}$ )

115. twenty/score STC \*(m)-kul (397)

116. \*one STC \*it (pp. 94, 162), \*kat (p. 94),  
\*t(y)ik \* (g-)tyik (pp. 84, 94,  
169, 189)

117. seven STC \*s-nis (5) [cf. TWO #120]  
 118. ten STC \*gip (16)  
 119. hundred STC \*r-gya (164)  
 120. \*two STC \*g-nis (4)  
 121. \*three STC \*g-sum (409)  
 122. \*four STC \*b-liy (410)  
 123. \*five STC \*l-na \* \*b-na (78)  
 124. six STC \*d-ruk (411); PLB \*c-krook (TSR 35)  
 125. eight STC \*b-r-gyat (163)  
 126. nine STC \*d-kuw (13)  
 127. (be) many (v.) STC \*mra (148)

I. Verbs of utterance, body position or function ( $V_{body}$ )

128. be born STC \*bran (135), \*krun (382)  
 129. \*sleep/lie down STC \*ip (114), \*mwiy (196),  
       \*n(y)it (236)  
 130. weep STC \*krap (116), \*nuw (79)  
 131. \*laugh STC \*m-nwi(y) (191), \*rya-t  
       (202)  
 132. \*die STC \*siy (232)  
 133. awaken STC \*m-sow (295); PLB \*nuw<sub>2</sub> \*  
       \*s-nuw<sub>2</sub>  
 134. cough STC \*su(w) (423)  
 135. \*stand STC \*g-ryap (246)  
 136. \*sit STC \*tu·n (361)

J. Verbs of motion ( $V_{mot}$ )

137. \*fall (from a height) STC \*kla (123)

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|--|--|
| 138. climb, ascend   | STC *l-tak (pp. 52, 110, 123),<br>*syar 'rise' (n. 90, p. 28)                                    |
| 139. descend   | STC *yu(w) (n. 289, p. 101);<br>*?-yuk [above 1.121(5E)];<br>*zak (TSR 121)                      |
| 140. fly   | STC *pur * *pir (398), *pyam<br>(n. 93, p. 29; n. 171, p. 51),<br>*pyaw 'fly, swim, float' (176) |
| 141. hide  | STC *p(w)ak (46); PLB *wak *<br>*?-wak (TSR 178)   |
| 142. run/flee  | STC *plon (140)  |
| 143. emerge  | STC *twak (p. 17), *pro (248)  |
| K. Verbs of emotion, cognition, perception (V <sub>psych</sub> ) |  |
| 144. *fear/frighten  | STC *grok * *krok (473), *kri(y)<br>(416), *b-ray (450)  |
| 145. *know   | STC *m-kyen (223), *syey (182)   |
| 146. ashamed   | STC *kyen (162), *s-rak (431),<br>*g-yak (452)   |
| 147. forget  | STC *b-la-p (335)  |
| 148. dream   | STC *man (82); PLB *s-mak * *s-man (TSR 183)   |
| 149. *see  | STC *mrəŋ (149)  |
| 150. *smell  | STC *m-nam (464)   |
| L. Stative verbs with human patients (V <sub>hum stat</sub> )    |  |
| 151. *thin   | STC *ba (25)   |
| 152. *old  | STC *r-ga (445)  |
| 153. alive   | STC *kruŋ (382), *s-rin *<br>*s-ran (404)  |

154. ill STC \*na (80), \*nyun (194)
155. fat STC \*tsow (277)
156. itchy STC \*g-ya (451), \*m-sak (465)
- M. Stative verbs with non-human patients ( $V_{inan}$  stat)
157. \*full STC \*blin \* \*plin (142), \*dyam  
\* \*tyam (226)
158. \*long/tall STC \*dun (20; n. 231, p. 75),  
\*low (279), \*s-rin (433)
159. sweet STC \*dz(y)im (71), \*twi(y) (166)
160. \*cold STC \*gran (120), \*kyam (224)
161. bitter STC \*ka (8)
162. sour STC \*kri(y) (413), \*s-kyur \*  
\*su·r (42)
163. \*red STC \*kyen (162), \*r-ni (pp. 46,  
91), \*tsyak (184)
164. \*heavy STC \*s-liy (95)
165. \*warm STC \*lum (381)
166. \*round STC \*z-lum (143), \*wal (91)
167. ripe/well-cooked STC \*s-min (432)
168. soft (to touch) STC \*now (274)
169. \*white STC \*bok (p. 181), \*ηow (296),  
\*plu (pp. 41, 46, 60-61, 89)  
[cf. SILVER #95]
170. \*black STC \*tyan (225); \*(s-)nak (STC  
pp. 88, 102, 155; TSR 142);  
\*sim \* \*syim (STC 380)

171.	*thick	STC *r-ta-t (426), *tow (319), *tu-k (356)
172.	*new	STC *sar (pp. 147, 172, 189)
173.	*sharp	STC *s-ryam (pp. 53, 171, 189), *tak (STC p. 87; TSR 41)
174.	lightweight	STC *r-ya-n
N. Action verbs with human agent (V <sub>hum</sub> act)		
175.	*eat	STC *am (481), *dza (66)
176.	*drink	STC *am (481); PLB *Ndaŋi (TSR p. 15)
177.	*give	STC *biy (427), *pek (pp. 101, 149)
178.	*tie	STC *du-t * *tu-t (421), *kik (484)
179.	steal	STC *r-kuw (33)
180.	lick	STC *m/s-lyak (211)
181.	*bite	STC *gam (491), *hap (89), *ku-k (388), *wa (424)
182.	*scratch/scrape	STC *hyak (230); *krak * *Nkrak (TSR 96); *kret * *Nkret (TSR 97); *kut (STC 383), *pruk (STC 391)
183.	cook/boil	STC *klak (124), *prut (131), *pryo (250)
184.	grind	STC *krit (119)
185.	*wash	STC *kruw (117), *m-s(y)il (492)

186. \*dig STC \*klaw (269), \*r-ko-t (420),  
                   \*la-y (288), \*tu (258)
187. let go; set free;  
       loosen STC \*g-lwat (209)
188. extinguish STC \*mit (374)
189. \*blow STC \*s-mut (p. 75)
190. buy STC \*b-rey (293)
191. \*sew STC \*d-rup (456), TSR (63) \*(?-) grup  
                   \* \*?drup; \*byar \* \*pyar  
                   (STC 178)
192. \*kill STC \*g-sat (58)
193. weave STC \*tak (17)
194. \*rub STC \*nu-l (365), \*s(y)wiy (180)
195. \*squeeze STC \*nyap (192), \*tsyur (188)
196. shoot STC \*ga-p (219)
197. kick PLB \*tek (TSR 14)
198. sell STC \*par (p. 35), \*ywar (pp.  
                   15, 51, 89)
199. put, place STC \*s-ta (19)
200. drive/\*hunt PLB \*rak \* Ngak (TSR 162)
- 200a. \*burn STC \*bar \* par (220), \*plon  
                   (139), \*tsow (275), \*ka-n  
                   (330), \*duk \* \*?duk (TSR 62),  
                   \*put (TSR 8)
- 200b. \*cut STC \*da-n (22), \*lep (351),  
                   \*mrank (147), \*ra-t (458),

\*ri-t (371), \*tsywar (240),  
\*kut (383), \*tsyat (185),  
\*tuk (387); TSR \*Ntök \*  
\*?tök (101), \*?twap \*  
\*C-dwap (69)