

Preliminary proposal to encode the Vai script into the SMP of the UCS:
to be presented before the Unicode Technical Committee at UTC 102

Script: Vai
Status: Working Draft
Date: 31 January 2005

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ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest *Roadmaps*.

A. Administrative

1. Title: Preliminary proposal to encode the Vai script into the SMP of the UCS

2. Requester's name: Charles L. Riley, José R. Rivera, Tombekai V. Sherman, and Jason Glavy

3. Requester type (Member body/Liaison/Individual contribution): Individual contribution

4. Submission date: 07 February 2005

5. Requester's reference (if applicable): _____

6. Choose one of the following:

This is a complete proposal: _____

or, More information will be provided later: X

B. Technical - General

1. Choose one of the following:

a. This proposal is for a new script (set of characters): X

Proposed name of script: Vai

b. The proposal is for addition of character(s) to an existing block: _____

Name of the existing block: _____

2. Number of characters in proposal: 223

3. Proposed category (select one from below - see section 2.2 of P&P document):

A-Contemporary X B.1-Specialized (small collection) _____ B.2-Specialized (large collection) _____

C-Major extinct _____ D-Attested extinct _____ E-Minor extinct _____

F-Archaic Hieroglyphic or Ideographic _____ G-Obscure or questionable usage symbols _____

4. Proposed Level of Implementation (1, 2 or 3) (see Annex K in P&P document): Level 1

Is a rationale provided for the choice? No

If Yes, reference: _____

5. Is a repertoire including character names provided? Yes

a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document? Yes

b. Are the character shapes attached in a legible form suitable for review? Yes

6. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard? To Be Determined

If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used: _____

7. References:

a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? Yes

b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? Yes

8. Special encoding issues:

Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

No

9. Additional Information:

Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see <http://www.unicode.org/Public/UNIDATA/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N2652-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?	<u>No</u>
If YES explain _____	
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?	<u>Yes</u>
If YES, with whom? <u>Svend E. Holsoe, John V. Singler, Tombekai V. Sherman,</u>	
<u>Mohamed B. Nyei, and others listed in the Acknowledgements</u>	
If YES, available relevant documents: <u>N/A</u>	
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?	<u>Yes</u>
Reference: <u>Mafundikwa 2004, Christin 2002, Ethnologue.com</u>	
4. The context of use for the proposed characters (type of use; common or rare)	<u>Common</u>
Reference: <u>Mafundikwa 2004, Christin 2002, Scribner and Cole 1981, Ethnologue.com</u>	
5. Are the proposed characters in current use by the user community?	<u>Yes</u>
If YES, where? Reference: <u>Mafundikwa 2004, Christin 2002, Scribner and Cole 1981,</u>	
<u>Ethnologue.com, Tombekai V. Sherman</u>	
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?	<u>No</u>
If YES, is a rationale provided? _____	
If YES, reference: _____	
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	<u>Yes</u>
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?	<u>No</u>
If YES, is a rationale for its inclusion provided? _____	
If YES, reference: _____	
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?	<u>No</u>
If YES, is a rationale for its inclusion provided? _____	
If YES, reference: _____	
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?	<u>No</u>
If YES, is a rationale for its inclusion provided? _____	
If YES, reference: _____	
11. Does the proposal include use of combining characters and/or use of composite sequences?	<u>No</u>
If YES, is a rationale for such use provided? _____	
If YES, reference: _____	
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? _____	
If YES, reference: _____	
12. Does the proposal contain characters with any special properties such as control function or similar semantics?	<u>No</u>
If YES, describe in detail (include attachment if necessary) _____	
13. Does the proposal contain any Ideographic compatibility character(s)?	<u>No</u>
If YES, is the equivalent corresponding unified ideographic character(s) identified? _____	
If YES, reference: _____	

Origins of the Vai Script

Since Momolu Duwalu Bukele devised the Vai syllabary in the early 1800s, the Vai of Liberia and Sierra Leone have made extensive use of the script (Mafundikwa 2004). Though then an agrarian society, the Vai built an educational infrastructure that enabled the script to flourish and guaranteed its use, indeed, its dissemination amongst the Vai (Mafundikwa 2004).

Keeping written records helped Vai traders of the 19th century flourish in comparison to their Liberian competitors (Mafundikwa 2004). Negotiations could be handled via messengers, trade in valuable commodities was facilitated with a written record, and slaving, then illegal with British enforcers patrolling the coasts, continued – the ‘coded’ messages in Vai thwarting British intervention (Mafundikwa 2004)

The Vai syllabary is the oldest of the Mande (indigenous scripts of Liberia, Sierra Leone, and Mali) syllabaries.

Document Archives

Numerous sources exist documenting the use of the Vai script. Among these are the works of Sigismund W. Koelle, a German philologist and one of the first Europeans to document the script, and the works and personal papers of Momolu Massaquoi, Counsel General of Liberia in Hamburg.

In addition to these, there are the writings of the Vai including the numerous publications of the Institute of Liberian Languages, the Book of Rora/Ndole, folktales published in George Washington Ellis’s Negro Culture in West Africa, the archives at Indiana University’s Liberian Collections Project, and two manuscripts at the Harvard Houghton Manuscript Collection. Others are held in private hands.

Current Usage

Presently, Vai is spoken by over 100,000 people in northwestern Liberia and Sierra Leone (Ethnologue.com, Mafundikwa 2004). The script remains in use today, particularly amongst Vai traders (Christin 2002); the literary corpus of Vai texts is growing and includes those sources cited above as well as a translation of the Qur’an and a recent translation of the New Testament into Vai.

Supplementing these sources, Silvia Scribner and Michael Cole’s The Psychology of Literacy provides photographic documentation of the daily use of Vai in Vai country.

Digital Use

Although no national encoding standard exists, various fonts do, including those created by Jason Glavy which cover the full range of characters in David Dalby’s charts, that created by David Drevlow of Lutheran Bible Translators for their publication of a Vai New Testament, and that developed by SIL.

	1180	1181	1182	1183
0	 11800	 11810	 11820	 11830
1	 11801	 11811	 11821	 11831
2	 11802	 11812	 11822	 11832
3	 11803	 11813	 11823	 11833
4	 11804	 11814	 11824	 11834
5	 11805	 11815	 11825	 11835
6	 11806	 11816	 11826	 11836
7	 11807	 11817	 11827	 11837
8	 11808	 11818	 11828	 11838
9	 11809	 11819	 11829	 11839
A	 1180A	 1181A	 1182A	 1183A
B	 1180B	 1181B	 1182B	 1183B
C	 1180C	 1181C	 1182C	 1183C
D	 1180D	 1181D	 1182D	 1183D
E	 1180E	 1181E	 1182E	 1183E
F	 1180F	 1181F	 1182F	 1183F

	1184	1185	1186	1187
0	 11840	 11850	 11860	 11870
1	 11841	 11851	 11861	 11871
2	 11842	 11852	 11862	 11872
3	 11843	 11853	 11863	 11873
4	 11844	 11854	 11864	 11874
5	 11845	 11855	 11865	 11875
6	 11846	 11856	 11866	 11876
7	 11847	 11857	 11867	 11877
8	 11848	 11858	 11868	 11878
9	 11849	 11859	 11869	 11879
A	 1184A	 1185A	 1186A	 1187A
B	 1184B	 1185B	 1186B	 1187B
C	 1184C	 1185C	 1186C	 1187C
D	 1184D	 1185D	 1186D	 1187D
E	 1184E	 1185E	 1186E	 1187E
F	 1184F	 1185F	 1186F	 1187F

11840  VAI SYLLABLE GBEHN
 11841  VAI SYLLABLE GBON
 11842  VAI SYLLABLE HA
 11843  VAI SYLLABLE HEH
 11844  VAI SYLLABLE HE
 11845  VAI SYLLABLE HI
 11846  VAI SYLLABLE HOR
 11847  VAI SYLLABLE HO
 11848  VAI SYLLABLE HU
 11849  VAI SYLLABLE HAN
 1184A  VAI SYLLABLE HEHN
 1184B  VAI SYLLABLE HIN
 1184C  VAI SYLLABLE HORN
 1184D  VAI SYLLABLE HUN
 1184E  VAI SYLLABLE JA
 1184F  VAI SYLLABLE JEH
 11850  VAI SYLLABLE JE
 11851  VAI SYLLABLE JI
 11852  VAI SYLLABLE JOR
 11853  VAI SYLLABLE JO
 11854  VAI SYLLABLE JU
 11855  VAI SYLLABLE KA
 11856  VAI SYLLABLE KEH
 11857  VAI SYLLABLE KE
 11858  VAI SYLLABLE KI
 11859  VAI SYLLABLE KOR
 1185A  VAI SYLLABLE KO
 1185B  VAI SYLLABLE KU
 1185C  VAI SYLLABLE KPA
 1185D  VAI SYLLABLE KPEH
 1185E  VAI SYLLABLE KPE
 1185F  VAI SYLLABLE KPI

11860  VAI SYLLABLE KPOR
 11861  VAI SYLLABLE KPO
 11862  VAI SYLLABLE KPU
 11863  VAI SYLLABLE KPAN
 11864  VAI SYLLABLE KPEHN
 11865  VAI SYLLABLE LA
 11866  VAI SYLLABLE LEH
 11867  VAI SYLLABLE LE
 11868  VAI SYLLABLE LI
 11869  VAI SYLLABLE LOR
 1186A  VAI SYLLABLE LO
 1186B  VAI SYLLABLE LU
 1186C  VAI SYLLABLE MA
 1186D  VAI SYLLABLE MEH
 1186E  VAI SYLLABLE ME
 1186F  VAI SYLLABLE MI
 11870  VAI SYLLABLE MOR
 11871  VAI SYLLABLE MO
 11872  VAI SYLLABLE MU
 11873  VAI SYLLABLE MBHA
 11874  VAI SYLLABLE MBHEH
 11875  VAI SYLLABLE MBHE
 11876  VAI SYLLABLE MBHI
 11877  VAI SYLLABLE MBHOR
 11878  VAI SYLLABLE MBHO
 11879  VAI SYLLABLE MBHU
 1187A  VAI SYLLABLE MGBA
 1187B  VAI SYLLABLE MGBEH
 1187C  VAI SYLLABLE MGBE
 1187D  VAI SYLLABLE MGBOR
 1187E  VAI SYLLABLE MGBO
 1187F  VAI SYLLABLE NA

	1188	1189	118A	118B
0	 11880	 11890	 118A0	 118B0
1	 11881	 11891	 118A1	 118B1
2	 11882	 11892	 118A2	 118B2
3	 11883	 11893	 118A3	 118B3
4	 11884	 11894	 118A4	 118B4
5	 11885	 11895	 118A5	 118B5
6	 11886	 11896	 118A6	 118B6
7	 11887	 11897	 118A7	 118B7
8	 11888	 11898	 118A8	 118B8
9	 11889	 11899	 118A9	 118B9
A	 1188A	 1189A	 118AA	 118BA
B	 1188B	 1189B	 118AB	 118BB
C	 1188C	 1189C	 118AC	 118BC
D	 1188D	 1189D	 118AD	 118BD
E	 1188E	 1189E	 118AE	 118BE
F	 1188F	 1189F	 118AF	 118BF

11880 ɛ̃ VAI SYLLABLE NEH
 11881 ɛ̃ VAI SYLLABLE NE
 11882 ɛ̃ VAI SYLLABLE NI
 11883 ɛ̃ VAI SYLLABLE NOR
 11884 ɛ̃ VAI SYLLABLE NO
 11885 ɛ̃ VAI SYLLABLE NU
 11886 ɛ̃ VAI SYLLABLE NDA
 11887 ɛ̃ VAI SYLLABLE NDEH
 11888 ɛ̃ VAI SYLLABLE NDE
 11889 ɛ̃ VAI SYLLABLE NDI
 1188A ɛ̃ VAI SYLLABLE NDOR
 1188B ɛ̃ VAI SYLLABLE NDO
 1188C ɛ̃ VAI SYLLABLE NDU
 1188D ɛ̃ VAI SYLLABLE NYA
 1188E ɛ̃ VAI SYLLABLE NYEH
 1188F ɛ̃ VAI SYLLABLE NYI
 11890 ɛ̃ VAI SYLLABLE NYOR
 11891 ɛ̃ VAI SYLLABLE NYU
 11892 ɛ̃ VAI SYLLABLE NJA
 11893 ɛ̃ VAI SYLLABLE NJEH
 11894 ɛ̃ VAI SYLLABLE NJE
 11895 ɛ̃ VAI SYLLABLE NJI
 11896 ɛ̃ VAI SYLLABLE NJOR
 11897 ɛ̃ VAI SYLLABLE NJO
 11898 ɛ̃ VAI SYLLABLE NJU
 11899 ɛ̃ VAI SYLLABLE NNA
 1189A ɛ̃ VAI SYLLABLE NNEH
 1189B ɛ̃ VAI SYLLABLE NNOR
 1189C ɛ̃ VAI SYLLABLE NGA
 1189D ɛ̃ VAI SYLLABLE NGEH
 1189E ɛ̃ VAI SYLLABLE NGE
 1189F ɛ̃ VAI SYLLABLE NGI

118A0 ɛ̃ VAI SYLLABLE NGOR
 118A1 ɛ̃ VAI SYLLABLE NGO
 118A2 ɛ̃ VAI SYLLABLE NGU
 118A3 ɛ̃ VAI SYLLABLE PA
 118A4 ɛ̃ VAI SYLLABLE PEH
 118A5 ɛ̃ VAI SYLLABLE PE
 118A6 ɛ̃ VAI SYLLABLE PI
 118A7 ɛ̃ VAI SYLLABLE POR
 118A8 ɛ̃ VAI SYLLABLE PO
 118A9 ɛ̃ VAI SYLLABLE PU
 118AA ɛ̃ VAI SYLLABLE RA
 118AB ɛ̃ VAI SYLLABLE REH
 118AC ɛ̃ VAI SYLLABLE RE
 118AD ɛ̃ VAI SYLLABLE RI
 118AE ɛ̃ VAI SYLLABLE ROR
 118AF ɛ̃ VAI SYLLABLE RO
 118B0 ɛ̃ VAI SYLLABLE RU
 118B1 ɛ̃ VAI SYLLABLE SA
 118B2 ɛ̃ VAI SYLLABLE SEH
 118B3 ɛ̃ VAI SYLLABLE SE
 118B4 ɛ̃ VAI SYLLABLE SI
 118B5 ɛ̃ VAI SYLLABLE SOR
 118B6 ɛ̃ VAI SYLLABLE SO
 118B7 ɛ̃ VAI SYLLABLE SU
 118B8 ɛ̃ VAI SYLLABLE TA
 118B9 ɛ̃ VAI SYLLABLE TEH
 118BA ɛ̃ VAI SYLLABLE TE
 118BB ɛ̃ VAI SYLLABLE TI
 118BC ɛ̃ VAI SYLLABLE TOR
 118BD ɛ̃ VAI SYLLABLE TO
 118BE ɛ̃ VAI SYLLABLE TU
 118BF ɛ̃ VAI SYLLABLE VA

	118C	118D	118E	118F
0	 118C0	 118D0		
1	 118C1	 118D1		
2	 118C2	 118D2		
3	 118C3	 118D3		
4	 118C4	 118D4		
5	 118C5	 118D5		
6	 118C6	 118D6		
7	 118C7	 118D7		
8	 118C8	 118D8		
9	 118C9	 118D9		
A	 118CA	 118DA		
B	 118CB	 118DB		
C	 118CC	 118DC		
D	 118CD	 118DD		
E	 118CE	 118DE		
F	 118CF			

118C0	𐌲	VAI SYLLABLE VEH
118C1	𐌳	VAI SYLLABLE VE
118C2	𐌴	VAI SYLLABLE VI
118C3	𐌵	VAI SYLLABLE VOR
118C4	𐌶	VAI SYLLABLE VO
118C5	𐌷	VAI SYLLABLE VU
118C6	𐌸	VAI SYLLABLE WA
118C7	𐌹	VAI SYLLABLE WEH
118C8	𐌺	VAI SYLLABLE WE
118C9	𐌻	VAI SYLLABLE WI
118CA	𐌼	VAI SYLLABLE WOR
118CB	𐌽	VAI SYLLABLE WO
118CC	𐌾	VAI SYLLABLE WU
118CD	𐌿	VAI SYLLABLE WAN
118CE	𐍀	VAI SYLLABLE WEHN
118CF	𐍁	VAI SYLLABLE WIN
118D0	𐍂	VAI SYLLABLE YA
118D1	𐍃	VAI SYLLABLE YEH
118D2	𐍄	VAI SYLLABLE YE
118D3	𐍅	VAI SYLLABLE YI
118D4	𐍆	VAI SYLLABLE YOR
118D5	𐍇	VAI SYLLABLE YO
118D6	𐍈	VAI SYLLABLE YU
118D7	𐍉	VAI SYLLABLE ZA
118D8	𐍊	VAI SYLLABLE ZEH
118D9	𐍋	VAI SYLLABLE ZE
118DA	𐍌	VAI SYLLABLE ZI
118DB	𐍍	VAI SYLLABLE ZOR
118DC	𐍎	VAI SYLLABLE ZO
118DD	𐍏	VAI SYLLABLE ZU
118DE	𐍐	VAI SYLLABIC NASAL

Acknowledgements

We offer our sincerest thanks to all those who have poured labouriously over manuscripts, labored strenuously over details, and provided technical guidance and moral support throughout this project. Thank you Svend E. Holsoe, William Siegmann, Mohamed B. Nyei, John V. Singler, Verlon Stone, Konrad Tuchscherer, Lorna Priest, Peter Constable, Peter Martin, Rick McGowan, John Cowan, Muneera Spence, Saki Mafundikwa, Deborah Anderson, Michael Everson, David Drevlow, Peter Rogers, Jim Laesch, Karen Campbell, Ralph Austen, Robert Farris Thompson, Barbaro Martinez-Ruiz, Christopher L. Miller, Dorothy Woodson, Joseph Lauer, Richard Lammert, Daniel Becker, Britta Santamauro, Momolu Massaquoi, Hasso von Boehmer, and Rainer Hering.

And to those, without whom this adventure would never have been possible: Duwalu Bukele, August Curtis, Sigismund Koelle, David Dalby, August Klingenheben, Dietrich Westermann, William Welmers, Susan Scribner, Michael Cole, John Gay, George Washington Ellis, and Momolu Massaquoi, we offer our ever enduring gratitude!

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፳፻፲፱ ዓ.ም. ለፍትሕ ሚኒስቴር የሚገኝ የፍትሕ ሚኒስቴር ነው።

[illegible]

||| 田田 乙 8*7 77.0'1'88田 heenb 181 75*

1. 人 工 智 能 的 应 用 范 围 广 泛 ， 包 括 医 药 、 金 融 、 教 育 等 领 域 。

ፊት ላይ ስለሚገኝ ግንባታ ስራ ላይ ማስተካከል ይቻላል፡፡

የፍቅር ስጦታ ለሁሉም ሰጥቶታል፡፡

* 2 B HKS 5 911 & BH

2.* : I UH HU. O' 'JH HeenC E H N *

3.** :9: T 77 0X F H H I K 8 11 0 11 m l F *

4.74 9: I 2 4 6 8 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 10

5. = 9: 1 1 0 1 1 8 3 2 3 1 1 *

6.. : I IF WYQ DZ11G + EDA DX Z :

Heen⁴ 7 1,180 2 7 11.

[illegible]

568 * 278 8 80 5 20 4 10 3 10 2 10 1 10

 $\mathbb{E} \quad \mathbb{K}_*$

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Figure 1: Excerpt from the Standard Vai Script

THE RASCAL MAN

Handwritten text in a script, likely representing a musical score or a form of shorthand, consisting of various symbols, numbers, and lines.

Figure 2: Excerpt from Ellis' Negro Culture in West Africa



Figure 4: Posted Sign, from Scribner and Cole's The Psychology of Literacy

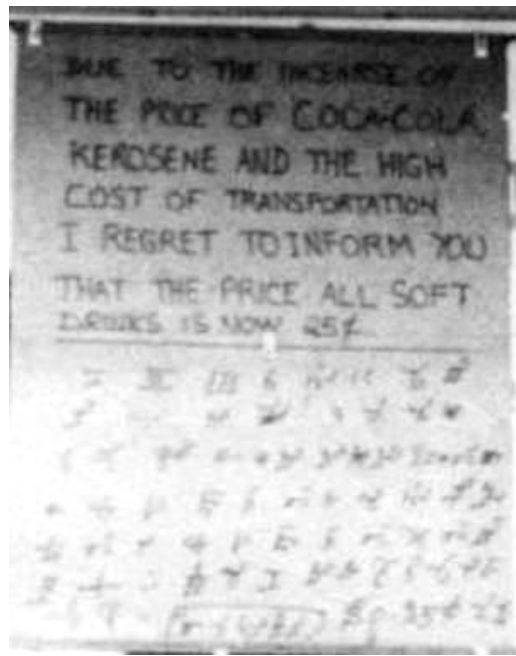


Figure 5: Shop notice, from Scribner and Cole's The Psychology of Literacy



A multiscrypt Muslim brotherhood banner at a Cape Mount County celebration. (Courtesy of Stephen Reder.)

Figure 6: Muslim Brotherhood banner, from Scribner and Cole's The Psychology of Literacy

MAY 16, 1975
 5. 010 - 16 - 1975

MY BIG BROTHER VAANII THIS LETTER IS FOR HIM
 I GREET YOU PLENTY THIS IS YOUR INFORMATION THERE IS NO BLAME ON GOD
 OUR HEALTH (AND OUR) CHILDREN'S HEALTH IS
 I PREPARED A BIG FARM
 FINE
 THIS YEAR THIS FARM BIG IS VERY BUT WE
 PUT FIRE ON IT IT DIDN'T BURN AT ALL AND SO THIS IS YOUR INFORMATION
 THAT AFTER YOU TELL TO MUSULENG
 PLEASE (MODIFIER) LET HER BAGS EMPTY FIND ME
 FOR SO THAT I MAY MY CASSAVA DIG (AND) CARRY IT
 TO SELL THE CASSAVA I PLANTED LAST YEAR IT YIELDED WELL
 AND SO I WANT TO SELL IT I HEARD THAT
 THEY ARE CASSAVA BUYING DOLLARS THREE FOR (AT) MONROVIA
 RIGHT NOW SO PLEASE HAVE MUSULENG (PARTICLE) BAG
 THAT BUSINESS BE SERIOUS ABOUT (IT) I GREET YOU PLENTY
 ALL THE FAMILY GREET PLENTY (PARTICLE)
 I AM KAIKPANDA (AT) KOBOLIA

Figure 9.1. A sample letter in Vai script with segmentation indicated

Figure 7: Vai letter with translation, from Scribner and Cole's The Psychology of Literacy

Welmers, William E. A Grammar of Vai. Los Angeles: University of California, 1976.